

# Wi-Fi API and Model Documentation (17.3.3.205)

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## Overview

### Rate Limit

For the Wifi REST API the following will be true:

- Limits are applied to each tenant.
- A maximum of 200 calls can be made per second.
- Each second 100 calls will be returned to be used.

## AP Compatibility

Query AP Feature compatibility report, including incompatible feature of AP model and firmware version.

### Venue Compatibility Query

Details of the feature requirements, including the supported AP firmware and models, as well as the count of compatible and incompatible APs based on the targeted venues.

#### QUERY PARAMETERS

→ preCheck      boolean  
Default:

REQUEST BODY SCHEMA:    application/json    ▼  
**required**

|             |                                          |
|-------------|------------------------------------------|
| → filters > | object (CompatibilityVenueNetworkFilter) |
| → page      | integer <int32>                          |
| → pageSize  | integer <int32>                          |

### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

POST /venues/apCompatibilities/query

Request samples

Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  - "filters": {
    + "featureLevels": [ ... ],
    + "featureNames": [ ... ],
    + "venueIds": [ ... ],
    + "wifiNetworkIds": [ ... ]
  },
  "page": 0,
  "pageSize": 0
}
```

Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy Expand all Collapse all

```
{
  - "compatibilities": [
    + { ... }
  ],
  "page": 0,
  "totalCount": 0
}
```

AP Compatibility Query

Details of the feature requirements, including the supported AP firmware and models based on the targeted APs.

REQUEST BODY SCHEMA: application/json

required

|           |                                |
|-----------|--------------------------------|
| filters > | object (CompatibilityApFilter) |
| page      | integer <int32>                |
| pageSize  | integer <int32>                |

Responses



> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**POST** /venues/aps/apCompatibilities/query

### Request samples

#### Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "filters": {
    + "apIds": [ ... ],
    + "featureLevels": [ ... ],
    + "featureNames": [ ... ],
    + "wifiNetworkIds": [ ... ]
  },
  "page": 0,
  "pageSize": 0
}
```

### Response samples

**200**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type

application/json

Copy Expand all Collapse all

```
{
  "compatibilities": [
    + { ... }
  ],
  "page": 0,
  "totalCount": 0
}
```

Wi-Fi Feature Sets Query

Wi-Fi feature sets query.

REQUEST BODY SCHEMA: application/json   
required

|           |                                        |
|-----------|----------------------------------------|
| filters > | object (CompatibilityFeatureSetFilter) |
| page      | integer <int32>                        |
| pageSize  | integer <int32>                        |

Responses

- > 200 OK
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

POST /wifiFeatureSets/query

Request samples

Payload

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "filters": {
    + "featureNames": [ ... ]
  },
  "page": 0,
  "pageSize": 0
}
```

Response samples

200

400

401

403

404

422

423

500

Content type

application/json

CopyExpand allCollapse all

```
{
  - "featureSets": [
    + { ... }
  ],
  "page": 0,
  "totalCount": 0
}
```

## Wi-Fi Network Compatibility Query

Details of the feature requirements, including the supported AP firmware and models, as well as the count of compatible and incompatible APs based on the targeted Wi-Fi networks.

REQUEST BODY SCHEMA: application/json   
required

|           |                                          |
|-----------|------------------------------------------|
| filters > | object (CompatibilityVenueNetworkFilter) |
| page      | integer <int32>                          |
| pageSize  | integer <int32>                          |

### Responses

- > 200 OK
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

POST /wifiNetworks/apCompatibilities/query

Request samples

Payload

Content type

application/json

CopyExpand allCollapse all

```
{
  - "filters": {
```

```

+ "featureLevels": [ ... ],
+ "featureNames": [ ... ],
+ "venueIds": [ ... ],
+ "wifiNetworkIds": [ ... ]
},
"page": 0,
"pageSize": 0
}

```

## Response samples

200

400

401

403

404

422

423

500

### Content type

application/json

Copy Expand all Collapse all

```

{
  - "compatibilities": [
    + { ... }
  ],
  "page": 0,
  "totalCount": 0
}

```

## Client Isolation Profile

Manage client isolation profiles.

Client isolation features, when enabled, prevent clients residing on a common VLAN from exchanging packets with each other. Client isolation is enforced by APs working at layer 2 (bridging). If client isolation is needed between VLANs/IP subnets, routers must also be configured to prevent packet exchange at layer 3. A client isolation profile provides the capability for administrators to configure exceptions to this isolation behavior. For example, an administrator may want to allow clients on a public network to access a printer in a common area of their venue. If so, the MAC and IP addresses of the printer (or any excepted device) can be configured on the client isolation profile.

Client isolation can be used in conjunction with walled gardens for public networks. Walled gardens provide limited access to services prior to client authentication whereas client isolation profiles provide connectivity options post authentication.

Client isolation does not work when clients are assigned static IP addresses. For this reason, Ruckus recommends using DHCP lease reservations in lieu of static IP addresses when using this feature. Administrators may also want to consider use of the force DHCP option, available during wireless network configuration.

Complications to client isolation can arise when the VLAN's default gateway employs VRRP or HSRP for high availability or when Multicast DNS Proxy is configured on the same WLAN as the profile. If either of these situations applies in your network, please contact Ruckus customer support for assistance.

## Create Client Isolation Profile

Create a new client isolation profile.

REQUEST BODY SCHEMA: application/json

required

allowlist >  
required  
description

Array of objects (ClientIsolationAllowlistEntry) [ 1 .. 64 ] items

string [ 0 .. 64 ] characters



[ 2 .. 32 ] characters

```
(?=^((?!(`|\$\\)).){2,32}$)^(\\S.*\\S)$
```

## Responses

> 202 Accepted

> **400** Bad/malformed request

> **401** Not-authorized

## > 403 Forbidden

> **404** Requested resource or related-entity not found

## > 422 Validation error

> 423 Locked

> **500** Internal Server Error

POST



## Request samples

Payload

Content type

```
application/json
```

Copy Expand all Collapse all

```
{
  "allowlist": [
    + { ... }
  ],
  "description": "string"
  "name": "string"
}
```

## Response samples

202

422

423

Content type

```
application/json
```

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": {
    "id": "string"
  }
}
```

## Delete Client Isolation Profile

Delete this client isolation profile.

### PATH PARAMETERS

→ `clientIsolationProfileId` string  
**required** Client Isolation Profile ID

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**DELETE** `/clientIsolationProfiles/{clientIsolationProfileId}`

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

#### Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Get Client Isolation Profile

Get the details for this client isolation profile.

### PATH PARAMETERS

→ `clientIsolationProfileId` string  
**required** Client Isolation Profile ID

## Responses

> 200 OK

> **400** Bad/malformed request

> **401** Not-authorized

## > 403 Forbidden

> **404** Requested resource or related-entity not found

## > 422 Validation error

> 423 Locked

## ➤ 500 Internal Server Error

```
GET /clientIsolationProfiles/{clientIsolationProfileId}
```

## Response samples

200

422

423

**Content type**  
application/json

Copy Expand all Collapse all

```
{
  - "allowlist": [
    + { ... }
  ],
  "description": "string",
  "id": "string",
  "name": "string"
}
```

## Update Client Isolation Profile

Update this client isolation profile.

## PATH PARAMETERS

```
→ clientIsolationProfileId string
    required                Client Isolation Profile ID
```

REQUEST BODY SCHEMA: application/json 

|                         |                                                                              |
|-------------------------|------------------------------------------------------------------------------|
| allowlist ><br>required | Array of objects (ClientIsolationAllowlistEntry) [ 1 .. 64 ] items           |
| description             | string [ 0 .. 64 ] characters                                                |
| name<br>required        | string [ 2 .. 32 ] characters (?=^(?!(` \\\$\\(\\.))){2,32}\$)^(?\\S.*\\S)\$ |

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /clientIsolationProfiles/{clientIsolationProfileId} 

### Request samples

#### Payload

Content type

application/json 

Copy Expand all Collapse all

```
{
  "allowlist": [
    + { ... }
  ],
  "description": "string",
  "name": "string"
}
```

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type

application/json 

Copy

```
{
  "requestId": "string"
}
```

## Deactivate Client Isolation Profile On Venue AP Model LAN Port

Deactivate the client isolation profile for the LAN port, specifying the AP model and the venue.

PATH PARAMETERS

|



|                                      |                                             |
|--------------------------------------|---------------------------------------------|
| venueId<br>required                  | string<br>Venue ID                          |
| apModel<br>required                  | string<br>AP Model Name                     |
| portId<br>required                   | string<br>Port ID                           |
| clientIsolationProfileId<br>required | string<br>Client isolation profile identity |

## Responses

|                                                      |
|------------------------------------------------------|
| > 202 Accepted                                       |
| > 400 Bad/malformed request                          |
| > 401 Not-authorized                                 |
| > 403 Forbidden                                      |
| > 404 Requested resource or related-entity not found |
| > 422 Validation error                               |
| > 423 Locked                                         |
| > 500 Internal Server Error                          |

DELETE /venues/{venueId}/apModels/{apModel}/lanPorts/{portId}/clientIsola... ▾

Response samples

202

400

401

403

404

422

423

500

Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Activate Client Isolation Profile On Venue AP Model LAN Port

Activate the client isolation profile for the LAN port, specifying the AP model and the venue.

### PATH PARAMETERS

|                     |                    |
|---------------------|--------------------|
| venueId<br>required | string<br>Venue ID |
|---------------------|--------------------|

|                                      |                                             |
|--------------------------------------|---------------------------------------------|
| apModel<br>required                  | string<br>AP Model Name                     |
| portId<br>required                   | string<br>Port ID                           |
| clientIsolationProfileId<br>required | string<br>Client isolation profile identity |

## Responses

|                                                      |
|------------------------------------------------------|
| > 202 Accepted                                       |
| > 400 Bad/malformed request                          |
| > 401 Not-authorized                                 |
| > 403 Forbidden                                      |
| > 404 Requested resource or related-entity not found |
| > 422 Validation error                               |
| > 423 Locked                                         |
| > 500 Internal Server Error                          |

PUT /venues/{venueId}/apModels/{apModel}/lanPorts/{portId}/clientIsolati... ▾

Response samples

202

400

401

403

404

422

423

500

Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Deactivate Client Isolation Profile On AP LAN Port

Deactivate the client isolation profile for the LAN port, specifying the AP and the venue.

### PATH PARAMETERS

|                          |                            |
|--------------------------|----------------------------|
| venueId<br>required      | string<br>Venue ID         |
| serialNumber<br>required | string<br>AP Serial Number |
| portId<br>required       | string                     |

|                          |                             |
|--------------------------|-----------------------------|
|                          | Port ID                     |
| clientIsolationProfileId | string                      |
| required                 | Client Isolation Profile ID |

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

DELETE /venues/{venueId}/aps/{serialNumber}/lanPorts/{portId}/clientIsola... ▾

Response samples

202400401403404422423500

Content type

application/json ▾

Copy

```
{  "requestId": "string"}
```

Activate Client Isolation Profile On AP LAN Port

Activate the client isolation profile for the LAN port, specifying the AP and the venue.

PATH PARAMETERS

|                          |                             |
|--------------------------|-----------------------------|
| venueId                  | string                      |
| required                 | Venue ID                    |
| serialNumber             | string                      |
| required                 | AP Serial Number            |
| portId                   | string                      |
| required                 | Port ID                     |
| clientIsolationProfileId | string                      |
| required                 | Client Isolation Profile ID |

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

PUT /venues/{venueId}/aps/{serialNumber}/lanPorts/{portId}/clientIsolati... ▾

Response samples

202 400 401 403 404 422 423 500

Content type

application/json ▾

Copy

```
{  "requestId": "string"}
```

Deactivate Client Isolation Profile On Wi-Fi Network

Deactivate the client isolation profile on the Wi-Fi network with the venue.

| PATH PARAMETERS          |        |                             |
|--------------------------|--------|-----------------------------|
| venueId                  | string | Venue ID                    |
| required                 |        |                             |
| wifiNetworkId            | string | Wi-Fi Network ID            |
| required                 |        |                             |
| clientIsolationProfileId | string | Client Isolation Profile ID |
| required                 |        |                             |

Responses

- > 202 Accepted
- > 400 Bad/malformed request

- > **401** Not-authorized
- > **403** Forbidden
- > **404** Requested resource or related-entity not found
- > **422** Validation error
- > **423** Locked
- > **500** Internal Server Error

**DELETE** /venues/{venueId}/wifiNetworks/{wifiNetworkId}/clientIsolationProf... ▾

### Response samples

202

400

401

403

404

422

423

500

#### Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Activate Client Isolation Profile On Wi-Fi Network

Activate the client isolation profile on the Wi-Fi network with the venue.

### PATH PARAMETERS

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| venueId<br>required                  | string<br>Venue ID                    |
| wifiNetworkId<br>required            | string<br>Wi-Fi Network ID            |
| clientIsolationProfileId<br>required | string<br>Client Isolation Profile ID |

### Responses

- > **202** Accepted
- > **400** Bad/malformed request
- > **401** Not-authorized
- > **403** Forbidden
- > **404** Requested resource or related-entity not found

## > 500 Internal Server Error

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**POST** /templates/syslogServerProfiles

### Request samples

#### Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "facility": "KEEP_ORIGINAL",
  "flowLevel": "GENERAL_LOGS",
  "name": "string",
  "primary": {
    "port": 514,
    "protocol": "TCP",
    "server": "string"
  },
  "priority": "EMERGENCY",
  "secondary": {
    "port": 514,
    "protocol": "TCP",
    "server": "string"
  }
}
```

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type

application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": {
    "id": "string"
  }
}
```

```
}
```

## Delete Syslog Server Profile Template

Delete a syslog server profile template.

### PATH PARAMETERS

→ `syslogServerProfileTemplateId` `string`  
`required` Syslog Server Profile Template ID

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**DELETE** /templates/syslogServerProfiles/{syslogServerProfileTemplateId} ▾

### Response samples

202

400

401

403

404

422

423

500

#### Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Get Syslog Server Profile Template

Get a syslog server profile template.

### PATH PARAMETERS

→ `syslogServerProfileTemplateId` `string`  
`required`



Responses

- > 200 OK
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

GET

/templates/syslogServerProfiles/{syslogServerProfileTemplateId}

▼

Response samples

200

400

401

403

404

422

423

500

Content type

application/json

▼

Copy

Expand all

Collapse all

```
{
  "facility": "KEEP_ORIGINAL",
  "flowLevel": "GENERAL_LOGS",
  "id": "string",
  "name": "string",
  "primary": {
    "port": 514,
    "protocol": "TCP",
    "server": "string"
  },
  "priority": "EMERGENCY",
  "secondary": {
    "port": 514,
    "protocol": "TCP",
    "server": "string"
  }
}
```

Update Syslog Server Profile Template

Update a syslog server profile template.



```
{
  "facility": "KEEP_ORIGINAL",
  "flowLevel": "GENERAL_LOGS",
  "name": "string",
  - "primary": {
    "port": 514,
    "protocol": "TCP",
    "server": "string"
  },
  "priority": "EMERGENCY",
  - "secondary": {
    "port": 514,
    "protocol": "TCP",
    "server": "string"
  }
}
```

### Response samples

202

400

401

403

404

422

423

500

#### Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Deactivate Syslog Server Profile Template On Venue Template

Use this API command to delete a relationship between syslog server profile template and venue template.

### PATH PARAMETERS

|                               |                                   |
|-------------------------------|-----------------------------------|
| venueTemplateId               | string                            |
| required                      | Venue Template ID                 |
| syslogServerProfileTemplateId | string                            |
| required                      | Syslog server profile template ID |

### Responses

> 202 Accepted

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**DELETE** /templates/venues/{venueTemplateId}/syslogServerProfiles/{syslogSe... ▾

#### Response samples

202

400

401

403

404

422

423

500

##### Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Activate Syslog Server Profile Template On Venue Template

Use this API command to build a relationship between syslog server profile template and venue template.

#### PATH PARAMETERS

|                               |                                   |
|-------------------------------|-----------------------------------|
| venueTemplateId               | string                            |
| required                      | Venue Template ID                 |
| syslogServerProfileTemplateId | string                            |
| required                      | Syslog server profile template ID |

#### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /templates/venues/{venueTemplateId}/syslogServerProfiles/{syslogServ... ▾

#### Response samples

202400401403404422423500

Content type

application/json

Copy

```
{  "requestId": "string"}
```

## Wi-Fi Portal Service Profile

Portal service profile.

### Activate Portal Service Profile On Wi-Fi Network

Activate a portal service profile on a Wi-Fi network.

#### PATH PARAMETERS

|                        |                           |
|------------------------|---------------------------|
| wifiNetworkId          | string                    |
| required               | Wi-Fi Network ID          |
| portalServiceProfileId | string                    |
| required               | Portal Service Profile ID |

#### Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

PUT

/wifiNetworks/{wifiNetworkId}/portalServiceProfiles/{portalServicePr...

Response samples

202400401403404422423500

Content type

application/json

Copy

```
{  
  "requestId": "string"  
}
```

## SAML Identity Provider Profile

Manage SAML identity provider profiles.

### Activate SAML Identity Provider Profile On Wi-Fi Network

Use this API command to build the relationship between SAML 2.0 identity provider profile and Wi-Fi network.

#### PATH PARAMETERS

|                              |                                             |
|------------------------------|---------------------------------------------|
| wifiNetworkId<br>required    | string<br>Wi-Fi Network ID                  |
| samlIdpProfileId<br>required | string<br>SAML identity provider profile ID |

#### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /wifiNetworks/{wifiNetworkId}/samlIdpProfiles/{samlIdpProfileId} ▼

#### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type

application/json ▼

Copy

```
{  
  "requestId": "string"  
}
```

# Portal Service Profile Template

Portal service profile template.

## Activate Portal Service Profile Template On Wi-Fi Network Template

Activate a portal service profile template on a Wi-Fi network template.

### PATH PARAMETERS

|                                |                                    |
|--------------------------------|------------------------------------|
| wifiNetworkTemplateId          | string                             |
| required                       | Wi-Fi Network Template ID          |
| portalServiceProfileTemplateId | string                             |
| required                       | Portal Service Profile Template ID |

### Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

PUT

/templates/wifiNetworks/{wifiNetworkTemplateId}/portalServiceProfile...

▼

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

▼

Copy

```
{
  "requestId": "string"
}
```

# L3ACL Policy

Manage layer-3 ACL policy profiles.

## Deactivate Layer-3 ACL Policy On Access Control Profile

Deactivate layer-3 ACL policy on access control profile.

PATH PARAMETERS

|                        |                           |
|------------------------|---------------------------|
| accessControlProfileId | string                    |
| required               | Access Control Profile ID |
| l3AclPolicyId          | string                    |
| required               | L3Acl Policy ID           |

Responses

> 202 Accepted

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

DELETE /accessControlProfiles/{accessControlProfileId}/l3AclPolicies/{l3AclPolicyId}

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Activate Layer-3 ACL Policy On Access Control Profile

Activate layer-3 ACL policy on access control profile.

PATH PARAMETERS

|                        |                           |
|------------------------|---------------------------|
| accessControlProfileId | string                    |
| required               | Access Control Profile ID |
| l3AclPolicyId          | string                    |
| required               | L3Acl Policy ID           |



Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

PUT /accessControlProfiles/{accessControlProfileId}/l3AcLpolicies/{l3AcL... ▾

Response samples

202 400 401 403 404 422 423 500

Content type

application/json ▾

Copy

```
{  "requestId": "string"}
```

Add Layer-3 ACL

Add layer-3 ACL by policy. Content-Type: "application/vnd.ruckus.v1+json" will be deprecated on 2024/09/01.

REQUEST BODY SCHEMA: application/json ▾

required

defaultAccess

string

Default: "ALLOW"

Enum: "ALLOW" "BLOCK"

description

string

l3Rules >

Array of objects (L3Rule) [ 1 .. 128 ] items

name

string [ 2 .. 32 ] characters

required

Responses

- > 202 Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

POST /l3AclPolicies

### Request samples

#### Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "defaultAccess": "ALLOW",
  "description": "string",
  "l3Rules": [
    + { ... }
  ],
  "name": "string"
}
```

### Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": {
    "defaultAccess": "ALLOW",
    "description": "string",
    "id": "string",
    + "l3Rules": [ ... ],
    "name": "string"
  }
}
```

## Delete Layer-3 ACL

Delete layer-3 ACL by policy id. Content-Type: "application/vnd.ruckus.v1+json" will be deprecated on 2024/09/01.

PATH PARAMETERS

|                 |                 |
|-----------------|-----------------|
| → l3AclPolicyId | string          |
| required        | L3Acl Policy ID |

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

DELETE /l3AclPolicies/{l3AclPolicyId}

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Get Layer-3 ACL

Get layer-3 ACL by policy id.

PATH PARAMETERS

|                 |                 |
|-----------------|-----------------|
| → l3AclPolicyId | string          |
| required        | L3Acl Policy ID |

Responses

- > 200 OK
- > 400 Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /l3AclPolicies/{l3AclPolicyId}

### Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "defaultAccess": "ALLOW",
  "description": "string",
  "id": "string",
  "l3Rules": [
    + { ... }
  ],
  "name": "string"
}
```

## Update Layer-3 ACL

Update layer-3 ACL by policy id. Content-Type: "application/vnd.ruckus.v1+json" will be deprecated on 2024/09/01.

### PATH PARAMETERS

→ l3AclPolicyId  
required  
string  
L3Acl Policy ID

REQUEST BODY SCHEMA: application/json  
required

defaultAccess  
string  
Default: "ALLOW"  
Enum: "ALLOW" "BLOCK"

description  
string

l3Rules >  
Array of objects (L3Rule) [ 1 .. 128 ] items

name  
required  
string [ 2 .. 32 ] characters

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

PUT /l3AclPolicies/{l3AclPolicyId}

### Request samples

#### Payload

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "defaultAccess": "ALLOW",
  "description": "string",
  "l3Rules": [
    + { ... }
  ],
  "name": "string"
}
```

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Deactivate Layer-3 ACL Policy On Wi-Fi Network

Deactivate layer-3 ACL policy on Wi-Fi network.

PATH PARAMETERS

|                           |                            |
|---------------------------|----------------------------|
| wifiNetworkId<br>required | string<br>Wi-Fi Network ID |
| l3AclPolicyId<br>required | string<br>L3Acl Policy ID  |

Responses

- > **202** Accepted
- > **400** Bad/malformed request
- > **401** Not-authorized
- > **403** Forbidden
- > **404** Requested resource or related-entity not found
- > **422** Validation error
- > **423** Locked
- > **500** Internal Server Error

DELETE

/wifiNetworks/{wifiNetworkId}/l3AclPolicies/{l3AclPolicyId}

▼

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

▼

Copy

```

{
  "requestId": "string"
}

```

Activate Layer-3 ACL Policy On Wi-Fi Network

Activate layer-3 ACL policy on Wi-Fi network.

PATH PARAMETERS

|                           |                            |
|---------------------------|----------------------------|
| wifiNetworkId<br>required | string<br>Wi-Fi Network ID |
| l3AclPolicyId<br>required | string<br>L3Acl Policy ID  |

Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /wifiNetworks/{wifiNetworkId}/l3AclPolicies/{l3AclPolicyId} ▼

#### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type

application/json ▼

Copy

```
{
  "requestId": "string"
}
```

## RADIUS Profile

Manage RADIUS server profiles.

### Deactivate RADIUS Server Profile On Hotspot 2.0 Identity Provider

Use this API command to delete a relationship between RADIUS server profile and Hotspot 2.0 identity provider.

#### PATH PARAMETERS

|                             |                    |                                  |
|-----------------------------|--------------------|----------------------------------|
| hotspot20IdentityProviderId | string<br>required | Hotspot 2.0 identity provider ID |
| radiusId                    | string<br>required | RADIUS server profile identity   |

#### Responses

> **202** Accepted

> **400** Bad/malformed request

- > **401** Not-authorized
- > **403** Forbidden
- > **404** Requested resource or related-entity not found
- > **422** Validation error
- > **423** Locked
- > **500** Internal Server Error

**DELETE** /hotspot20IdentityProviders/{hotspot20IdentityProviderId}/radiusSe... ▾

#### Response samples

202

400

401

403

404

422

423

500

Content type  
application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Activate RADIUS Server Profile On Hotspot 2.0 Identity Provider

Use this API command to build a relationship between RADIUS server profile and Hotspot 2.0 identity provider.

#### PATH PARAMETERS

|                             |                    |                                  |
|-----------------------------|--------------------|----------------------------------|
| hotspot20IdentityProviderId | string<br>required | Hotspot 2.0 identity provider ID |
| radiusId                    | string<br>required | RADIUS server profile identity   |

#### Responses

- > **202** Accepted
- > **400** Bad/malformed request
- > **401** Not-authorized
- > **403** Forbidden
- > **404** Requested resource or related-entity not found
- > **422** Validation error
- > **423** Locked



## > 500 Internal Server Error

PUT /hotspot20IdentityProviders/{hotspot20IdentityProviderId}/radiusServ... ▾

## Response samples

202

422

423

Content type

```
application/json
```

Copy

```
{
  "requestId": "string"
}
```

## Add RADIUS Profile

Add a RADIUS profile. Content-Type: "application/vnd.ruckus.v1+json" will be deprecated on 2024/09/01.

REQUEST BODY SCHEMA: application/json

required

|                       |                                                       |
|-----------------------|-------------------------------------------------------|
| name                  | string (?=^(?!(` \\$\\( ) . ){2,32}\$)^\S.*\S)\$      |
| primary ><br>required | object (RadiusServer)<br>RADIUS server                |
| secondary >           | object (RadiusServer)<br>RADIUS server                |
| type                  | string or null<br>Enum: "AUTHENTICATION" "ACCOUNTING" |

## Responses

> 202 Accepted

> **400** Bad/malformed request

> **401** Not-authorized

## > 403 Forbidden

> **404** Requested resource or related-entity not found

## > 422 Validation error

> 423 Locked

## > 500 Internal Server Error

```
POST /radiusServerProfiles
```

Request samples

Payload

Content type  
application/json

Copy Expand all Collapse all

```
{
  "name": "string",
  "primary": {
    "ip": "string",
    "port": 1,
    "sharedSecret": "string"
  },
  "secondary": {
    "ip": "string",
    "port": 1,
    "sharedSecret": "string"
  },
  "type": "AUTHENTICATION"
}
```

Response samples

202 400 401 403 404 422 423 500

Content type  
application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": {
    "id": "string",
    "name": "string",
    + "primary": { ... },
    + "secondary": { ... },
    "type": "AUTHENTICATION"
  }
}
```

Delete RADIUS Profile

Delete a specific RADIUS profile. Content-Type: "application/vnd.ruckus.v1+json" will be deprecated on 2024/09/01.

PATH PARAMETERS

radiusId  
required string  
RADIUS server profile ID

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

DELETE /radiusServerProfiles/{radiusId}

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{  "requestId": "string"}
```

Get RADIUS Profile

Get a specific RADIUS profile. Content-Type: "application/vnd.ruckus.v1+json" will be deprecated on 2024/09/01.

PATH PARAMETERS

|                                         |                                                       |
|-----------------------------------------|-------------------------------------------------------|
| <div>radiusId</div> <div>required</div> | <div>string</div> <div>RADIUS server profile ID</div> |
|-----------------------------------------|-------------------------------------------------------|

Responses

- > 200 OK
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found



## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

PUT /radiusServerProfiles/{radiusId}

### Request samples

#### Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "name": "string",
  "primary": {
    "ip": "string",
    "port": 1,
    "sharedSecret": "string"
  },
  "secondary": {
    "ip": "string",
    "port": 1,
    "sharedSecret": "string"
  },
  "type": "AUTHENTICATION"
}
```

### Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

# Get RADIUS Server Profile Settings On Wi-Fi Network

Get RADIUS server profile settings on Wi-Fi network.

## PATH PARAMETERS

|                 |                  |
|-----------------|------------------|
| → wifiNetworkId | string           |
| required        | Wi-Fi Network ID |

## Responses

- > 200 OK
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

GET /wifiNetworks/{wifiNetworkId}/radiusServerProfileSettings

## Response samples

200

400

401

403

404

422

423

500

Content type  
application/json

Copy

```
{
  "enableAccountingProxy": false,
  "enableAuthProxy": false,
  "macAuthMacFormat": "Lower"
}
```

# Update RADIUS Server Profile Settings On Wi-Fi Network

Update RADIUS server profile settings on Wi-Fi network.

## PATH PARAMETERS

|                 |                  |
|-----------------|------------------|
| → wifiNetworkId | string           |
| required        | Wi-Fi Network ID |

REQUEST BODY SCHEMA: application/json

required

|                       |                                                                                                                                                                         |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| enableAccountingProxy | boolean<br>Default: <code>false</code>                                                                                                                                  |
| enableAuthProxy       | boolean<br>Default: <code>false</code>                                                                                                                                  |
| macAuthMacFormat      | string or null<br>Enum: <code>"Lower"</code> <code>"UpperDash"</code> <code>"UpperColon"</code> <code>"Upper"</code> <code>"LowerDash"</code> <code>"LowerColon"</code> |

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /wifiNetworks/{wifiNetworkId}/radiusServerProfileSettings

### Request samples

#### Payload

##### Content type

application/json

Copy

```
{
  "enableAccountingProxy": false,
  "enableAuthProxy": false,
  "macAuthMacFormat": "Lower"
}
```

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

##### Content type

application/json

Copy

```
{
```

```
"requestId": "string"
}
```

## Deactivate RADIUS Server Profile On Wi-Fi Network

Use this API command to delete a relationship between RADIUS server profile and Wi-Fi network.

### PATH PARAMETERS

|                           |                                          |
|---------------------------|------------------------------------------|
| wifiNetworkId<br>required | string<br>Wi-Fi Network ID               |
| radiusId<br>required      | string<br>RADIUS server profile identity |

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**DELETE** /wifiNetworks/{wifiNetworkId}/radiusServerProfiles/{radiusId} ▾

### Response samples

**202**

400

401

403

404

422

423

500

Content type  
application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Activate RADIUS Server Profile On Wi-Fi Network

Use this API command to build a relationship between RADIUS server profile and Wi-Fi network.

### PATH PARAMETERS

|



|                           |                                          |
|---------------------------|------------------------------------------|
| wifiNetworkId<br>required | string<br>Wi-Fi Network ID               |
| radiusId<br>required      | string<br>RADIUS server profile identity |

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /wifiNetworks/{wifiNetworkId}/radiusServerProfiles/{radiusId} ▾

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Device Policy Template

Manage device policy templates.

### Deactivate Device Policy Template On Access Control Profile Template

Use this API command to delete a relationship between device policy template and access control profile template.

#### PATH PARAMETERS

|                                            |                                              |
|--------------------------------------------|----------------------------------------------|
| accessControlProfileTemplateId<br>required | string<br>Access Control Profile Template ID |
| devicePolicyTemplateId<br>required         | string<br>Device Policy Template ID          |

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

DELETE

/templates/accessControlProfiles/{accessControlProfileTemplateId}/... ▾

Response samples

202

400

401

403

404

422

423

500

Content type

application/json ▾

Copy

```
{  "requestId": "string"}
```

Activate Device Policy Template On Access Control Profile Template

Use this API command to build a relationship between device policy template and access control profile template.

PATH PARAMETERS

|                                |                                    |
|--------------------------------|------------------------------------|
| accessControlProfileTemplateId | string                             |
| required                       | Access Control Profile Template ID |
| devicePolicyTemplateId         | string                             |
| required                       | Device Policy Template ID          |

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

PUT /templates/accessControlProfiles/{accessControlProfileTemplateId}/de... ▾

### Response samples

202

400

401

403

404

422

423

500

#### Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Create Device-Policy Template

Create a new device-policy template.

REQUEST BODY SCHEMA: application/json ▾

required

defaultAccess

string

Default: "ALLOW"

Enum: "ALLOW" "BLOCK"

description

string [ 2 .. 180 ] characters

name

required

string [ 2 .. 32 ] characters

rules >

Array of objects (DevicePolicyRule) [ 1 .. 32 ] items

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**POST** /templates/devicePolicies

Request samples

Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "defaultAccess": "ALLOW",
  "description": "string",
  "name": "string",
  "rules": [
    + { ... }
  ]
}
```

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": {
    "id": "string"
  }
}
```

# Delete Device-Policy Template

Delete a device-policy template.

PATH PARAMETERS

→ devicePolicyTemplateId string  
required Device-policy template ID

Responses

> **202** Accepted

- > **400** Bad/malformed request
- > **401** Not-authorized
- > **403** Forbidden
- > **404** Requested resource or related-entity not found
- > **422** Validation error
- > **423** Locked
- > **500** Internal Server Error

**DELETE** /templates/devicePolicies/{devicePolicyTemplateId} ▼

Response samples

202

400

401

403

404

422

423

500

Content type

application/json ▼

Copy

```
{
  "requestId": "string"
}
```

## Get Device-Policy Template

Get the device-policy template details.

PATH PARAMETERS

→ **devicePolicyTemplateId** string  
**required** Device-policy template ID

Responses

- > **200** OK
- > **400** Bad/malformed request
- > **401** Not-authorized
- > **403** Forbidden
- > **404** Requested resource or related-entity not found
- > **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /templates/devicePolicies/{devicePolicyTemplateId}

## Response samples

200

400

401

403

404

422

423

500

### Content type

application/json

Copy

Expand all

Collapse all

```
{
  "defaultAccess": "ALLOW",
  "description": "string",
  "id": "string",
  "name": "string",
  "rules": [
    + { ... }
  ]
}
```

## Update Device-Policy Template

Update a device-policy template.

### PATH PARAMETERS

→ devicePolicyTemplateId string  
required Device-policy template ID

REQUEST BODY SCHEMA: application/json  
required

|                    |                                                       |
|--------------------|-------------------------------------------------------|
| → defaultAccess    | string<br>Default: "ALLOW"<br>Enum: "ALLOW" "BLOCK"   |
| → description      | string [ 2 .. 180 ] characters                        |
| → name<br>required | string [ 2 .. 32 ] characters                         |
| → rules >          | Array of objects (DevicePolicyRule) [ 1 .. 32 ] items |

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /templates/devicePolicies/{devicePolicyTemplateId}

#### Request samples

Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "defaultAccess": "ALLOW",
  "description": "string",
  "name": "string",
  "rules": [
    + { ... }
  ]
}
```

#### Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Application Policy Template

Manage application policy template profile template.

### Deactivate Application Policy Template On Access Control Profile Template

Use this API command to deactivate an application policy template on an access control profile template.

#### PATH PARAMETERS

|                                |        |
|--------------------------------|--------|
| accessControlProfileTemplateId | string |
| required                       |        |
| applicationPolicyTemplateId    |        |

required

string

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**DELETE** /templates/accessControlProfiles/{accessControlProfileTemplateId}/... ▾

## Response samples

202

400

401

403

404

422

423

500

Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Activate Application Policy Template On Access Control Profile Template

Use this API command to activate an application policy template on an access control profile template.

## PATH PARAMETERS

accessControlProfileTemplateId string  
required

applicationPolicyTemplateId string  
required

## Responses

> **202** Accepted

> **400** Bad/malformed request



- > **401** Not-authorized
- > **403** Forbidden
- > **404** Requested resource or related-entity not found
- > **422** Validation error
- > **423** Locked
- > **500** Internal Server Error

**PUT** /templates/accessControlProfiles/{accessControlProfileTemplateId}/ap... ▼

### Response samples

**202**

400

401

403

404

422

423

500

Content type

application/json ▼

Copy

```
{
  "requestId": "string"
}
```

## Add Application Policy Template

Use this API command to create a new application policy template.

REQUEST BODY SCHEMA: application/json ▼

required

|                  |                                          |                        |
|------------------|------------------------------------------|------------------------|
| description      | string                                   | [ 0 .. 64 ] characters |
| name<br>required | string                                   | [ 2 .. 32 ] characters |
| rules >          | Array of objects (ApplicationPolicyRule) | [ 1 .. 128 ] items     |

### Responses

- > **202** Accepted
- > **400** Bad/malformed request
- > **401** Not-authorized
- > **403** Forbidden
- > **404** Requested resource or related-entity not found
- > **422** Validation error

> **423** Locked

> **500** Internal Server Error

**POST** /templates/applicationPolicies

### Request samples

#### Payload

Content type  
application/json

Copy Expand all Collapse all

```
{
  "description": "string",
  "name": "string",
  "rules": [
    + { ... }
  ]
}
```

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type  
application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": {
    "id": "string"
  }
}
```

## Delete Application Policy Template

Use this API command to delete application policy template.

### PATH PARAMETERS

→ applicationPolicyTemplateId string  
required

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**DELETE** /templates/applicationPolicies/{applicationPolicyTemplateId} ▾

#### Response samples

202

400

401

403

404

422

423

500

Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Get Application Policy Template

Use this API command to get the application policy template details.

#### PATH PARAMETERS

→ applicationPolicyTemplateId string  
required

#### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**GET** /templates/applicationPolicies/{applicationPolicyTemplateId} ▾

Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "description": "string",
  "id": "string",
  "name": "string",
  "rules": [
    + { ... }
  ]
}
```

## Update Application Policy Template

Use this API command to update application policy template.

PATH PARAMETERS

→ applicationPolicyTemplateId string  
required

REQUEST BODY SCHEMA: application/json  
required

|                    |                                          |                        |
|--------------------|------------------------------------------|------------------------|
| → description      | string                                   | [ 0 .. 64 ] characters |
| → name<br>required | string                                   | [ 2 .. 32 ] characters |
| → rules >          | Array of objects (ApplicationPolicyRule) | [ 1 .. 128 ] items     |

## Responses

> 202 Accepted

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

PUT

/templates/applicationPolicies/{applicationPolicyTemplateId}

▼

Request samples

Payload

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "description": "string",
  "name": "string",
  "rules": [
    + { ... }
  ]
}
```

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## VLAN Pool Profile Template

Manage VLAN pool profile templates.

### Deactivate VLAN Pool Profile Template On AP Group Template

Use this API command to deactivate a VLAN pool profile template on an AP group template.

#### PATH PARAMETERS

|                                                          |                                                            |
|----------------------------------------------------------|------------------------------------------------------------|
| <div>venueTemplateId</div> <div>required</div>           | <div>string</div> <div>Venue Template ID</div>             |
| <div>wifiNetworkTemplateId</div> <div>required</div>     | <div>string</div> <div>Wi-Fi Network Template ID</div>     |
| <div>apGroupTemplateId</div> <div>required</div>         | <div>string</div> <div>AP Group Template ID</div>          |
| <div>vlanPoolProfileTemplateId</div> <div>required</div> | <div>string</div> <div>VLAN Pool Profile Template ID</div> |

#### Responses

|                |
|----------------|
| > 202 Accepted |
|----------------|

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**DELETE** /templates/venues/{venueTemplateId}/wifiNetworks/{wifiNetworkTempl... ▾

### Response samples

202

400

401

403

404

422

423

500

Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Activate VLAN Pool Profile Template On AP Group Template

Use this API command to activate a VLAN pool profile template on an AP group template.

### PATH PARAMETERS

|                                       |                                         |
|---------------------------------------|-----------------------------------------|
| venueTemplateId<br>required           | string<br>Venue Template ID             |
| wifiNetworkTemplateId<br>required     | string<br>Wi-Fi Network Template ID     |
| apGroupTemplateId<br>required         | string<br>AP Group Template ID          |
| vlanPoolProfileTemplateId<br>required | string<br>VLAN Pool Profile Template ID |

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /templates/venues/{venueTemplateId}/wifiNetworks/{wifiNetworkTemplat... ▼

#### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

##### Content type

application/json ▼

Copy

```
{
  "requestId": "string"
}
```

## Add VLAN Pool Profile Template

Use this API command to create a new VLAN pool profile template.

REQUEST BODY SCHEMA: application/json ▼

required

|                         |                                    |
|-------------------------|------------------------------------|
| description             | string [ 0 .. 64 ] characters      |
| name<br>required        | string [ 1 .. 32 ] characters      |
| vlanMembers<br>required | Array of strings [ 0 .. 16 ] items |

#### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**POST** /templates/vlanPoolProfiles

### Request samples

#### Payload

Content type  
application/json

Copy Expand all Collapse all

```
{
  "description": "string",
  "name": "string",
  "vlanMembers": [
    "string"
  ]
}
```

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type  
application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": {
    "id": "string"
  }
}
```

## Delete VLAN Pool Profile Template

Use this API command to delete a VLAN pool profile template.

### PATH PARAMETERS

→ **vlanPoolProfileTemplateId** string  
**required** VLAN Pool Profile Template ID

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized



> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**DELETE** /templates/vlanPoolProfiles/{vlanPoolProfileTemplateId} ▾

#### Response samples

202

400

401

403

404

422

423

500

##### Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Get VLAN Pool Profile Template

Use this API command to get the VLAN pool profile template details.

#### PATH PARAMETERS

→ **vlanPoolProfileTemplateId** string  
required VLAN Pool Profile Template ID

#### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**GET** /templates/vlanPoolProfiles/{vlanPoolProfileTemplateId} ▾

### Response samples

200

400

401

403

404

422

423

500

#### Content type

application/json

Copy

Expand all

Collapse all

```
{
  "description": "string",
  "id": "string",
  "name": "string",
  "vlanMembers": [
    "string"
  ]
}
```

## Update VLAN Pool Profile Template

Use this API command to update a VLAN pool profile template.

### PATH PARAMETERS

→ **vlanPoolProfileTemplateId** string  
required VLAN Pool Profile Template ID

REQUEST BODY SCHEMA: application/json  
required

|                                  |                                    |
|----------------------------------|------------------------------------|
| → <b>description</b>             | string [ 0 .. 64 ] characters      |
| → <b>name</b><br>required        | string [ 1 .. 32 ] characters      |
| → <b>vlanMembers</b><br>required | Array of strings [ 0 .. 16 ] items |

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

PUT

/templates/vlanPoolProfiles/{vlanPoolProfileTemplateId}

▼

Request samples

Payload

Content type

application/json

▼

Copy

Expand all

Collapse all

```
{
  "description": "string",
  "name": "string",
  "vlanMembers": [
    "string"
  ]
}
```

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

▼

Copy

```
{
  "requestId": "string"
}
```

## Deactivate VLAN Pool Profile Template On Wi-Fi Network Template

Use this API command to deactivate a VLAN pool profile template on a Wi-Fi network template.

### PATH PARAMETERS

|                                                          |                                                            |
|----------------------------------------------------------|------------------------------------------------------------|
| <div>wifiNetworkTemplateId</div> <div>required</div>     | <div>string</div> <div>Wi-Fi Network Template ID</div>     |
| <div>vlanPoolProfileTemplateId</div> <div>required</div> | <div>string</div> <div>VLAN Pool Profile Template ID</div> |

### Responses

|                                                      |
|------------------------------------------------------|
| > 202 Accepted                                       |
| > 400 Bad/malformed request                          |
| > 401 Not-authorized                                 |
| > 403 Forbidden                                      |
| > 404 Requested resource or related-entity not found |

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**DELETE** /templates/wifiNetworks/{wifiNetworkTemplateId}/vlanPoolProfiles/{... ▾

#### Response samples

202

400

401

403

404

422

423

500

##### Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Activate VLAN Pool Profile Template On Wi-Fi Network Template

Use this API command to activate a VLAN pool profile template on a Wi-Fi network template.

#### PATH PARAMETERS

|                           |                               |
|---------------------------|-------------------------------|
| wifiNetworkTemplateId     | string                        |
| required                  | Wi-Fi Network Template ID     |
| vlanPoolProfileTemplateId | string                        |
| required                  | VLAN Pool Profile Template ID |

#### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /templates/wifiNetworks/{wifiNetworkTemplateId}/vlanPoolProfiles/{vl... ▾

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

# Hotspot 2.0 Operator

Manage Hotspot 2.0 Operators.

## Create Hotspot 2.0 Operator

Create a new Hotspot 2.0 operator.

REQUEST BODY SCHEMA: application/json

required

domainNames

required

Array of strings

[ 1 .. 8 ] items

friendlyNames

Array of objects (Hotspot20FriendlyName)

[ 1 .. 2147483647 ] items

name

required

string

[ 2 .. 32 ] characters

## Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

POST /hotspot20operators

Request samples

Payload

Content type

application/json

CopyExpand allCollapse all

```
{
  - "domainNames": [
    "string"
  ],
  - "friendlyNames": [
    + { ... }
  ],
  "name": "string"
}
```

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

CopyExpand allCollapse all

```
{
  "requestId": "string",
  - "response": {
    "id": "string"
  }
}
```

## Delete Hotspot 2.0 Operator

Delete a Hotspot 2.0 operator.

### PATH PARAMETERS

→ hotspot200operatorId

string

required

Hotspot 2.0 Operator ID

### Responses

|                                                      |
|------------------------------------------------------|
| > 202 Accepted                                       |
| > 400 Bad/malformed request                          |
| > 401 Not-authorized                                 |
| > 403 Forbidden                                      |
| > 404 Requested resource or related-entity not found |
| > 422 Validation error                               |
| > 423 Locked                                         |

> **500** Internal Server Error

**DELETE** /hotspot200operators/{hotspot200operatorId} ▼

#### Response samples

202

400

401

403

404

422

423

500

Content type

application/json ▼

Copy

```
{
  "requestId": "string"
}
```

## Get Hotspot 2.0 Operator

Get the Hotspot 2.0 operator details.

#### PATH PARAMETERS

→ hotspot200operatorId string  
required Hotspot 2.0 Operator ID

#### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**GET** /hotspot200operators/{hotspot200operatorId} ▼

#### Response samples

200

400

401

403

404

422

423

500

Content type

application/json ▼

Copy Expand all Collapse all

```
{
  - "domainNames": [
    "string"
  ],
  - "friendlyNames": [
    + { ... }
  ],
  "id": "string",
  "name": "string"
}
```

## Update Hotspot 2.0 Operator

Update a Hotspot 2.0 operator.

### PATH PARAMETERS

→ hotspot200operatorId string  
required Hotspot 2.0 Operator ID

REQUEST BODY SCHEMA: application/json ▼  
required

|                         |                                                                    |
|-------------------------|--------------------------------------------------------------------|
| domainNames<br>required | Array of strings [ 1 .. 8 ] items                                  |
| friendlyNames >         | Array of objects (Hotspot20FriendlyName) [ 1 .. 2147483647 ] items |
| name<br>required        | string [ 2 .. 32 ] characters                                      |

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

PUT /hotspot200operators/{hotspot200operatorId} ▼

### Request samples

Payload

Content type



Content type

application/json

CopyExpand allCollapse all

```
{
  - "domainNames": [
    "string"
  ],
  - "friendlyNames": [
    + { ... }
  ],
  "name": "string"
}
```

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Deactivate Hotspot 2.0 Operator On Wi-Fi Network

Deactivate Hotspot 2.0 operator on Wi-Fi network.

| PATH PARAMETERS      |        |                         |
|----------------------|--------|-------------------------|
| wifiNetworkId        | string |                         |
| required             |        | Wi-Fi Network ID        |
| hotspot200operatorId | string |                         |
| required             |        | Hotspot 2.0 Operator ID |

### Responses

|                                                      |
|------------------------------------------------------|
| > 202 Accepted                                       |
| > 400 Bad/malformed request                          |
| > 401 Not-authorized                                 |
| > 403 Forbidden                                      |
| > 404 Requested resource or related-entity not found |
| > 422 Validation error                               |
| > 423 Locked                                         |

> **500** Internal Server Error

**DELETE** /wifiNetworks/{wifiNetworkId}/hotspot200operators/{hotspot200perato... ▾

#### Response samples

202

400

401

403

404

422

423

500

Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Activate Hotspot 2.0 Operator On Wi-Fi Network

Activate Hotspot 2.0 operator on Wi-Fi network.

#### PATH PARAMETERS

|                                  |                                   |
|----------------------------------|-----------------------------------|
| wifiNetworkId<br>required        | string<br>Wi-Fi Network ID        |
| hotspot200operatorId<br>required | string<br>Hotspot 2.0 Operator ID |

#### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /wifiNetworks/{wifiNetworkId}/hotspot200operators/{hotspot200operatorId} ▾

#### Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

## Rogue AP Detection Policy

Rogue APs are Wi-Fi APs which are in radio range of your Wi-Fi network, but are unknown to the Ruckus cloud. For example, these may be APs installed in your venues without explicit authorization from your administrators, whether added by a well-meaning employee or by a malicious attacker; as such, they could be on the same LAN as your authorized APs. They could also be APs installed in nearby venues (for example, if your venue is part of a multi-tenant facility). Rogue classification policies help to automatically classify these unknown APs by setting up rules which trigger a rogue AP report when specific-rogue detection criteria are met.

Create a rogue AP detection policy.

## Responses

## > 500 Internal Server Error



### Payload

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "description": "string",
  "name": "string",
  - "rules": [
    + { ... }
  ]
}
```

## Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "requestId": "string",
  - "response": {
    "id": "string"
  }
}
```

## Delete Rogue AP Detection Policy

Delete this rogue AP detection policy.

### PATH PARAMETERS

→ **roguePolicyId**  
required

string  
Rogue AP Detection Policy ID.

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**DELETE** /roguePolicies/{roguePolicyId}

#### Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Get Rogue AP Detection Policy

Get this rogue AP detection policy.

#### PATH PARAMETERS

→ **roguePolicyId**  
required

string  
Rogue AP Detection Policy ID.

#### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**GET** /roguePolicies/{roguePolicyId}

#### Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "description": "string",
  "id": "string",
  "name": "string",
  "rules": [
    + { ... }
  ]
}
```

## Update Rogue AP Detection Policy

Update this rogue AP detection policy.

## PATH PARAMETERS

|   |               |        |                               |
|---|---------------|--------|-------------------------------|
| ➔ | roguePolicyId | string |                               |
|   | required      |        | Rogue AP Detection Policy ID. |

REQUEST BODY SCHEMA: application/json 

|                  |                                                                      |
|------------------|----------------------------------------------------------------------|
| description      | string [0..255] characters                                           |
| name<br>required | string [2..32] characters (?=^(?!(` \\$\\  )){2,32}\$)^\(\\S.*\\S)\$ |
| rules >          | Array of objects (RogueClassificationPolicyRule)                     |

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

## > 403 Forbidden

> **404** Requested resource or related-entity not found

## > 422 Validation error

> **423** Locked

## > 500 Internal Server Error

PUT /roguePolicies/{roguePolicyId}

## Request samples

## Payload

**Content type**  
application/json

CopyExpand allCollapse all

```
{
  "description": "string",
  "name": "string",
  "rules": [
    + { ... }
  ]
}
```

Response samples

202400401403404422423500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Deactivate Rogue AP Detection Policy On Venue

Deactivate a rogue AP detection policy on a venue and apply the default policy to that venue instead. Note that deactivate a policy from a venue does not disable rogue AP detection in that venue.

| PATH PARAMETERS |        |                               |
|-----------------|--------|-------------------------------|
| venueId         | string | Venue ID.                     |
| roguePolicyId   | string | Rogue AP Detection Policy ID. |

### Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

DELETE /venues/{venueId}/roguePolicies/{roguePolicyId}

### Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Activate Rogue AP Detection Policy On Venue

Activate a rogue AP detection policy on a venue.

### PATH PARAMETERS

|               |                               |
|---------------|-------------------------------|
| venueId       | string                        |
| required      | Venue ID.                     |
| roguePolicyId | string                        |
| required      | Rogue AP Detection Policy ID. |

### Responses

> 202 Accepted

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

PUT /venues/{venueId}/roguePolicies/{roguePolicyId}

### Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy



```
{
  "requestId": "string"
}
```

## Get Venue Rogue Policy Settings

Get the venue rogue policy settings.

### PATH PARAMETERS

|          |          |
|----------|----------|
| venueId  | string   |
| required | Venue ID |

### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /venues/{venueId}/roguePolicySettings

### Response samples

200

400

401

403

404

422

423

500

#### Content type

application/json

Copy

```
{
  "reportThreshold": 0
}
```

## Update Venue Rogue Policy Settings

Update the venue rogue policy settings.

### PATH PARAMETERS

|         |        |
|---------|--------|
| venueId | string |
|---------|--------|

required

Venue ID

REQUEST BODY SCHEMA: application/json

required

reportThreshold integer <int32> [ 0 .. 100 ]  
Default: 0

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

PUT /venues/{venueId}/roguePolicySettings

Request samples

Payload

Content type  
application/json

Copy

```
{  
  "reportThreshold": 0  
}
```

Response samples

202 400 401 403 404 422 423 500

Content type  
application/json

Copy

```
{  
  "requestId": "string"  
}
```

Manage Wi-Fi venue configuration, including radio settings, mesh, LEDs, LAN-ports, and syslog.

## Get Available LTE Bands

Get available LTE bands for each region.

### Responses

|                                                      |
|------------------------------------------------------|
| > 200 OK                                             |
| > 400 Bad/malformed request                          |
| > 401 Not-authorized                                 |
| > 403 Forbidden                                      |
| > 404 Requested resource or related-entity not found |
| > 422 Validation error                               |
| > 423 Locked                                         |
| > 500 Internal Server Error                          |

GET

/venues/apAvailableLteBands

▼

Response samples

200

400

401

403

404

422

423

500

Content type

application/json

▼

Copy

Expand all

Collapse all

```
[
  - {
    + "band3G": [ ... ],
    + "band4G": [ ... ],
    + "countryCodes": [ ... ],
    "region": "DOMAIN_1"
  }
]
```

## Get Venue All AP-Model Capabilities

Get all AP model capabilities of the venue.

### Responses

|          |
|----------|
| > 200 OK |
|          |

- > **400** Bad/malformed request
- > **401** Not-authorized
- > **403** Forbidden
- > **404** Requested resource or related-entity not found
- > **422** Validation error
- > **423** Locked
- > **500** Internal Server Error

GET /venues/apModelCapabilities

#### Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy Expand all Collapse all

```
{
  "apModels": [
    + { ... }
  ]
}
```

## Get Venue Basic Service Set Coloring Settings

Get basic service set coloring settings of this venue.

#### PATH PARAMETERS

venueId  
required string  
Venue ID

#### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /venues/{venueId}/apBssColoringSettings

### Response samples

200

400

401

403

404

422

423

500

#### Content type

application/json

Copy

```
{
  "bssColoringEnabled": true
}
```

## Update Venue Basic Service Set Coloring Settings

Update basic service set coloring settings of this venue.

### PATH PARAMETERS

venueId  
required  
string  
Venue ID

REQUEST BODY SCHEMA: application/json  
required

bssColoringEnabled  
boolean  
Default: true

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

PUT /venues/{venueId}/apBssColoringSettings

Request samples

Payload

Content type

application/json

Copy

```
{  "bssColoringEnabled": true}
```

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{  "requestId": "string"}
```

## Get Venue AP-Model Cellular

Get AP model cellular settings and LTE band lock channels of the venue.

| PATH PARAMETERS |          |  |
|-----------------|----------|--|
| venueId         | string   |  |
| required        | Venue ID |  |

### Responses

- > 200 OK
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

## Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "model": "string",
  "primarySim": {
    "apn": "string",
    "enabled": true,
    "lteBands": [ ... ],
    "networkSelection": "AUTO",
    "roaming": true
  },
  "primaryWanRecoveryTimer": 10,
  "secondarySim": {
    "apn": "string",
    "enabled": true,
    "lteBands": [ ... ],
    "networkSelection": "AUTO",
    "roaming": true
  },
  "wanConnection": "ETH_WITH_CELLULAR_FAILOVER"
}
```

## Update Venue AP-Model Cellular

Update AP model cellular settings and LTE band lock channels of the venue.

### PATH PARAMETERS

→ **venueId**  
required string  
Venue ID

REQUEST BODY SCHEMA: application/json  
required

|                                       |                                                                                                    |
|---------------------------------------|----------------------------------------------------------------------------------------------------|
| → model                               | string [ 0 .. 64 ] characters                                                                      |
| → primarySim >                        | object (SimSettings)<br>SIM setting object.                                                        |
| → primaryWanRecoveryTimer<br>required | integer <int32> [ 10 .. 300 ]                                                                      |
| → secondarySim >                      | object (SimSettings)<br>SIM setting object.                                                        |
| → wanConnection<br>required           | string or null<br>Enum: "ETH_WITH_CELLULAR_FAILOVER" "CELLULAR_WITH_ETH_FAILOVER" "ETH" "CELLULAR" |

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /venues/{venueId}/apCellularSettings

### Request samples

#### Payload

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "model": "string",
  "primarySim": {
    "apn": "string",
    "enabled": true,
    "lteBands": [ ... ],
    "networkSelection": "AUTO",
    "roaming": true
  },
  "primaryWanRecoveryTimer": 10,
  "secondarySim": {
    "apn": "string",
    "enabled": true,
    "lteBands": [ ... ],
    "networkSelection": "AUTO",
    "roaming": true
  },
  "wanConnection": "ETH_WITH_CELLULAR_FAILOVER"
}
```

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```



```
requestId : string
```

```
}
```

# Get Venue Client Admission Control Settings

Get this venue's client admission control settings.

## PATH PARAMETERS

|          |          |
|----------|----------|
| venueId  | string   |
| required | Venue ID |

## Responses

- > 200 OK
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

GET /venues/{venueId}/apClientAdmissionControlSettings

## Response samples

200

400

401

403

404

422

423

500

### Content type

application/json

Copy

```
{
  "enable24G": false,
  "enable50G": false,
  "maxRadioLoad24G": 75,
  "maxRadioLoad50G": 75,
  "minClientCount24G": 10,
  "minClientCount50G": 20,
  "minClientThroughput24G": 0,
  "minClientThroughput50G": 0
}
```

# Update Venue Client Admission Control Settings

Update this venue's client admission control settings.

PATH PARAMETERS

venueId  
required string  
Venue ID

REQUEST BODY SCHEMA: application/json  
required

|                        |                                              |
|------------------------|----------------------------------------------|
| enable24G              | boolean<br>Default: false                    |
| enable50G              | boolean<br>Default: false                    |
| maxRadioLoad24G        | integer <int32> [ 50 .. 100 ]<br>Default: 75 |
| maxRadioLoad50G        | integer <int32> [ 50 .. 100 ]<br>Default: 75 |
| minClientCount24G      | integer <int32> [ 0 .. 100 ]<br>Default: 10  |
| minClientCount50G      | integer <int32> [ 0 .. 100 ]<br>Default: 20  |
| minClientThroughput24G | integer <int32> [ 0 .. 100 ]<br>Default: 0   |
| minClientThroughput50G | integer <int32> [ 0 .. 100 ]<br>Default: 0   |

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

PUT /venues/{venueId}/apClientAdmissionControlSettings

Request samples

Download

Payload

Content type

application/json

Copy

```
{  "enable24G": false,  "enable50G": false,  "maxRadioLoad24G": 75,  "maxRadioLoad50G": 75,  "minClientCount24G": 10,  "minClientCount50G": 20,  "minClientThroughput24G": 0,  "minClientThroughput50G": 0}
```

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{  "requestId": "string"}
```

## Get Venue Directed Multicast Settings

Get directed multicast settings for this venue.

### PATH PARAMETERS

|          |          |
|----------|----------|
| venueId  | string   |
| required | Venue ID |

### Responses

|                                                      |
|------------------------------------------------------|
| > 200 OK                                             |
| > 400 Bad/malformed request                          |
| > 401 Not-authorized                                 |
| > 403 Forbidden                                      |
| > 404 Requested resource or related-entity not found |
| > 422 Validation error                               |
|                                                      |

> **423** Locked

> **500** Internal Server Error

GET /venues/{venueId}/apDirectedMulticastSettings

### Response samples

200

400

401

403

404

422

423

500

#### Content type

application/json

Copy

```
{
  "networkEnabled": true,
  "wiredEnabled": true,
  "wirelessEnabled": true
}
```

## Update Venue Directed Multicast Settings

Venue directed multicast settings of this venue.

### PATH PARAMETERS

venueId  
required  
string  
Venue ID

REQUEST BODY SCHEMA: application/json  
required

|                 |                          |
|-----------------|--------------------------|
| networkEnabled  | boolean<br>Default: true |
| wiredEnabled    | boolean<br>Default: true |
| wirelessEnabled | boolean<br>Default: true |

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /venues/{venueId}/apDirectedMulticastSettings

### Request samples

#### Payload

Content type  
application/json

Copy

```
{
  "networkEnabled": true,
  "wiredEnabled": true,
  "wirelessEnabled": true
}
```

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type  
application/json

Copy

```
{
  "requestId": "string"
}
```

## Get Venue DoS Protection

Get DoS protection of this venue.

### PATH PARAMETERS

venueId  
required  
string  
Venue ID

### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /venues/{venueId}/apDosProtectionSettings

### Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "blockingPeriod": 60,
  "checkPeriod": 30,
  "enabled": false,
  "failThreshold": 5
}
```

## Update Venue DoS Protection

Update DoS protection of this venue.

### PATH PARAMETERS

venueId  
required  
string  
Venue ID

REQUEST BODY SCHEMA: application/json  
required

|                |                                              |
|----------------|----------------------------------------------|
| blockingPeriod | integer <int32> [ 30 .. 600 ]<br>Default: 60 |
| checkPeriod    | integer <int32> [ 30 .. 600 ]<br>Default: 30 |
| enabled        | boolean<br>Default: false                    |
| failThreshold  | integer <int32> [ 2 .. 25 ]<br>Default: 5    |

### Responses

> **202** Accepted

> **400** Bad/malformed request

- > **401** Not-authorized
- > **403** Forbidden
- > **404** Requested resource or related-entity not found
- > **422** Validation error
- > **423** Locked
- > **500** Internal Server Error

**PUT** /venues/{venueId}/apDosProtectionSettings

Request samples

Payload

Content type  
application/json

Copy

```
{
  "blockingPeriod": 60,
  "checkPeriod": 30,
  "enabled": false,
  "failThreshold": 5
}
```

Response samples

202

400

401

403

404

422

423

500

Content type  
application/json

Copy

```
{
  "requestId": "string"
}
```

# Get Venue Load Balancing Settings

Get load balancing settings for this venue.

PATH PARAMETERS

venueId  
required

string  
Venue ID

Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /venues/{venueId}/apLoadBalancingSettings

### Response samples

200

400

401

403

404

422

423

500

Content type  
application/json

Copy

```
{
  "bandBalancingClientPercent24G": 25,
  "bandBalancingEnabled": true,
  "enabled": false,
  "loadBalancingMethod": "BASED_ON_CLIENT_COUNT",
  "steeringMode": "BASIC",
  "stickyClientNbrApPercentageThreshold": 20,
  "stickyClientSnrThreshold": 15,
  "stickyClientSteeringEnabled": false
}
```

## Update Venue Load Balancing Settings

Update venue load balancing settings of this venue.

### PATH PARAMETERS

venueId  
required  
string  
Venue ID

REQUEST BODY SCHEMA: application/json  
required

|                               |                                             |
|-------------------------------|---------------------------------------------|
| bandBalancingClientPercent24G | integer <int32> [ 0 .. 100 ]<br>Default: 25 |
| bandBalancingEnabled          | boolean<br>Default: true                    |
| enabled                       | boolean                                     |



|                                      |                                                                                                                                        |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
|                                      | Default: <code>false</code>                                                                                                            |
| loadBalancingMethod                  | string<br>Default: <code>"BASED_ON_CLIENT_COUNT"</code><br>Enum: <code>"BASED_ON_CLIENT_COUNT"</code> <code>"BASED_ON_CAPACITY"</code> |
| steeringMode                         | string<br>Default: <code>"BASIC"</code><br>Enum: <code>"BASIC"</code> <code>"PROACTIVE"</code> <code>"STRICT"</code>                   |
| stickyClientNbrApPercentageThreshold | integer <int32> <code>[ 10 .. 40 ]</code><br>Default: <code>20</code>                                                                  |
| stickyClientSnrThreshold             | integer <int32> <code>[ 5 .. 30 ]</code><br>Default: <code>15</code>                                                                   |
| stickyClientSteeringEnabled          | boolean<br>Default: <code>false</code>                                                                                                 |

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /venues/{venueId}/apLoadBalancingSettings

## Request samples

### Payload

#### Content type

application/json

Copy

```
{
  "bandBalancingClientPercent24G": 25,
  "bandBalancingEnabled": true,
  "enabled": false,
  "loadBalancingMethod": "BASED_ON_CLIENT_COUNT",
  "steeringMode": "BASIC",
  "stickyClientNbrApPercentageThreshold": 20,
  "stickyClientSnrThreshold": 15,
  "stickyClientSteeringEnabled": false
}
```

```
}
```

## Response samples

**202**

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Get Venue AP Management VLAN Settings

Get AP management traffic VLAN settings of this venue.

### PATH PARAMETERS

venueId  
required

string  
Venue ID

## Responses

> **200** OK> **400** Bad/malformed request> **401** Not-authorized> **403** Forbidden> **404** Requested resource or related-entity not found> **422** Validation error> **423** Locked> **500** Internal Server Error**GET** /venues/{venueId}/apManagementTrafficVlanSettings

▼

## Response samples

**200**

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
```

```
{
  "vlanId": 1
}
```

## Update Venue AP Management VLAN Settings

Update AP management traffic VLAN settings of this venue.

### PATH PARAMETERS

venueId  
required string  
Venue ID

REQUEST BODY SCHEMA: application/json  
required

vlanId integer <int32> [ 1 .. 4094 ]

### Responses

> 202 Accepted

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

PUT /venues/{venueId}/apManagementTrafficVlanSettings

### Request samples

#### Payload

Content type  
application/json

```
{
  "vlanId": 1
}
```

Copy

### Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{  
  "requestId": "string"  
}
```

## Get Mesh Settings

Get the venue mesh settings.

PATH PARAMETERS

|          |          |
|----------|----------|
| venueId  | string   |
| required | Venue ID |

### Responses

- > 200 OK
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

GET /venues/{venueId}/apMeshSettings

Response samples

200400401403404422423500

Content type

application/json

Copy

```
{  
  "enabled": false,  
  "passphrase": "string",  
  "radioType": "2.4-GHz",  
  "ssid": "string"  
}
```

## Update Mesh

Enable/disable the venue mesh.

PATH PARAMETERS

venueId  
required  
string  
Venue ID

REQUEST BODY SCHEMA: application/json  
required

enabled  
boolean  
Default: false

passphrase  
string  
(^([!~]([ -~]){6,61}[!~])|^([0-9a-fA-F]){6,...} Show pattern

radioType  
string  
Default: " 5 6 GHz"  
Enum: "2.4-GHz" "5-GHz" "6-GHz" "5-6-GHz"

ssid  
string  
(^(!.\*(\\$(|`)))([!~]([ -~]){0,30}[!~])\$)(... Show pattern

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

PUT /venues/{venueId}/apMeshSettings

Request samples

Payload

Content type  
application/json

Copy

```
{
  "enabled": false,
  "passphrase": "string",
  "radioType": "2.4-GHz",
  "ssid": "string"
```

```
}
```

## Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Get Venue Antenna Type

Get venue antenna type settings. The settings are defined per AP model.

### PATH PARAMETERS

|          |          |
|----------|----------|
| venueId  | string   |
| required | Venue ID |

## Responses

> 200 OK

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

GET /venues/{venueId}/apModelAntennaTypeSettings

## Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy Expand all Collapse all

```
[
```

```
- {  
  "model": "string"  
}
```

## Update Venue Antenna Type

Update venue antenna type settings. The settings are defined per AP model.

### PATH PARAMETERS

→ **venueId**  
**required** string  
Venue ID

REQUEST BODY SCHEMA: application/json ▾  
**required**

Array [

→ **model** string [ 0 .. 64 ] characters

]

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /venues/{venueId}/apModelAntennaTypeSettings ▾

### Request samples

Payload

Content type

application/json ▾

Copy Expand all Collapse all

```
[  
  - {  
    "model": "string"  
  }  
]
```

## Response samples

202

422

423

Content type

```
application/json
```

Copy

```
{
  "requestId": "string"
}
```

## Get Venue Band Mode

Get venue band mode settings. The settings are defined per AP model.

## PATH PARAMETERS

|          |          |
|----------|----------|
| venueId  | string   |
| required | Venue ID |

## Responses

> 200 OK

> **400** Bad/malformed request

> **401** Not-authorized

## > 403 Forbidden

> **404** Requested resource or related-entity not found

## > 422 Validation error

> **423** Locked

## > 500 Internal Server Error

```
GET /venues/{venueId}/apModelBandModeSettings
```

## Response samples

200

422

423

Content type

```
application/json
```

Copy Expand all Collapse all

```
[
  {
    "bandMode": "DUAL",
```



```
    "model": "string"
  }
]
```

## Update Venue Band Mode

Update venue band mode settings. The settings are defined per AP model.

### PATH PARAMETERS

venueId  
required string  
Venue ID

REQUEST BODY SCHEMA: application/json  
required

Array [  
bandMode string or null  
Enum: "DUAL" "TRIPLE"  
model string [ 0 .. 64 ] characters  
]

### Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

PUT /venues/{venueId}/apModelBandModeSettings

### Request samples

#### Payload

Content type  
application/json

Copy Expand all Collapse all

```
[
  {
    "bandMode": "DUAL",
    "model": "string"
```

### Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Get Venue AP-Model Capabilities

Get AP model capabilities of the venue.

### PATH PARAMETERS

venueId  
required

string  
Venue ID

### Responses

> 200 OK

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

GET /venues/{venueId}/apModelCapabilities

### Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy

Expand all

Collapse all

```
{
  - "apModels": [
    + { ... }
  ]
}
```

## Get Venue AP Model External Antenna Settings

List venue external antenna settings. The settings are defined per AP model.

### PATH PARAMETERS

|          |          |
|----------|----------|
| venueId  | string   |
| required | Venue ID |

### Responses

> 200 OK

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

GET /venues/{venueId}/apModelExternalAntennaSettings

### Response samples

200

400

401

403

404

422

423

500

#### Content type

application/json

Copy Expand all Collapse all

```
[
  - {
    "enable24G": false,
    "enable50G": false,
    "gain24G": 60,
    "gain50G": 60,
    "model": "string"
  }
]
```

# Update Venue AP Model External Antenna Settings

Update a venue external antenna settings. The settings are defined per AP model.

## PATH PARAMETERS

venueId  
required string  
Venue ID

REQUEST BODY SCHEMA: application/json  
required

Array [

|           |                               |
|-----------|-------------------------------|
| enable24G | boolean<br>Default: false     |
| enable50G | boolean<br>Default: false     |
| gain24G   | integer <int32> [ 0 .. 60 ]   |
| gain50G   | integer <int32> [ 0 .. 60 ]   |
| model     | string [ 0 .. 64 ] characters |

## Responses

> 202 Accepted

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

PUT /venues/{venueId}/apModelExternalAntennaSettings

## Request samples

Payload

Content type  
application/json

Copy Expand all Collapse all

[  
- {

```
    "enable24G": false,
    "enable50G": false,
    "gain24G": 60,
    "gain50G": 60,
    "model": "string"
  }
}
```

### Response samples

202

400

401

403

404

422

423

500

#### Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Get Venue LED

Get venue LED settings. The settings are defined per AP model.

### PATH PARAMETERS

→ venueId  
required

string  
Venue ID

### Responses

> 200 OK

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

GET /venues/{venueId}/apModelLedSettings

### Response samples

200

400

401

403

404

422

423

500

Content type  
application/json

Copy Expand all Collapse all

```
[
  - {
    "ledEnabled": false,
    "model": "string"
  }
]
```

## Update Venue LED

Update venue LED settings. The settings are defined per AP model.

### PATH PARAMETERS

→ venueId  
required string  
Venue ID

REQUEST BODY SCHEMA: application/json  
required

### Array [

|              |                             |
|--------------|-----------------------------|
| → ledEnabled | boolean<br>Default: false   |
| → model      | string [0 .. 64] characters |

]

## Responses

> 202 Accepted

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

PUT /venues/{venueId}/apModelLedSettings

### Request samples

Payload

Content type

application/json

CopyExpand allCollapse all

```
[  
  - {  
    "ledEnabled": false,  
    "model": "string"  
  }  
]
```

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{  
  "requestId": "string"  
}
```

## Get Venue USB Port

Get venue USB port settings. The settings are defined per AP model.

### PATH PARAMETERS

|          |          |
|----------|----------|
| venueId  | string   |
| required | Venue ID |

### Responses

- > 200 OK
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

Response samples

- 200
- 400
- 401
- 403
- 404
- 422
- 423
- 500

Content type

application/json

Copy Expand all Collapse all

```
[
  - {
    "model": "string"
  }
]
```

# Update Venue USB Port

Update venue USB port settings. The settings are defined per AP model.

PATH PARAMETERS

venueId

required

string

Venue ID

REQUEST BODY SCHEMA: application/json

required

Array [

model

string

[ 0 .. 64 ] characters

]

Responses

> 202 Accepted

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

PUT /venues/{venueId}/apModelUsbPortSettings

Request samples

Payload



Content type  
application/json

Copy Expand all Collapse all

```
[
  - {
    "model": "string"
  }
]
```

## Response samples

202

400

401

403

404

422

423

500

Content type  
application/json

Copy

```
{
  "requestId": "string"
}
```

## Get Venue Multicast DNS Fencing Settings

Get multicast DNS fencing settings of the APs in this venue.

### PATH PARAMETERS

venueId  
required

string  
Venue ID

### Responses

> 200 OK

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

GET /venues/{venueId}/apMulticastDnsFencingSettings

## Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "enabled": false,
  "rules": [
    + { ... }
  ]
}
```

## Update Venue Multicast DNS Fencing Settings

Update multicast DNS fencing settings of the APs in this venue.

### PATH PARAMETERS

→ **venueId**  
required string  
Venue ID

REQUEST BODY SCHEMA: application/json  
required

→ **enabled** boolean  
Default: false

→ **rules** > Array of objects (MulticastDnsFencingRule)

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /venues/{venueId}/apMulticastDnsFencingSettings

## Request samples

Payload

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "enabled": false,
  "rules": [
    + { ... }
  ]
}
```

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Get Venue Radio

Get the venue radio.

| PATH PARAMETERS  |                                                               |  |
|------------------|---------------------------------------------------------------|--|
| → venueId        | string                                                        |  |
| required         | Venue ID                                                      |  |
| QUERY PARAMETERS |                                                               |  |
| → defaultOnly    | boolean                                                       |  |
|                  | Default: false                                                |  |
|                  | Only get the details of default radio settings in this venue. |  |

### Responses

|                                                      |
|------------------------------------------------------|
| > 200 OK                                             |
| > 400 Bad/malformed request                          |
| > 401 Not-authorized                                 |
| > 403 Forbidden                                      |
| > 404 Requested resource or related-entity not found |
|                                                      |

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /venues/{venueId}/apRadioSettings

## Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy Expand all Collapse all

```
{
  - "radioParams24G": {
    + "allowedChannels": [ ... ],
    "changeInterval": 33,
    "channelBandwidth": "AUTO",
    "method": "MANUAL",
    "scanInterval": 20,
    "txPower": "Auto"
  },
  - "radioParams50G": {
    + "allowedIndoorChannels": [ ... ],
    + "allowedOutdoorChannels": [ ... ],
    "changeInterval": 33,
    "channelBandwidth": "AUTO",
    "combineChannels": false,
    "method": "MANUAL",
    "scanInterval": 20,
    "txPower": "Auto"
  },
  - "radioParams6G": {
    + "allowedChannels": [ ... ],
    + "allowedIndoorChannels": [ ... ],
    + "allowedOutdoorChannels": [ ... ],
    "bssMinRate6G": "HE_MCS_0",
    "changeInterval": 33,
    "channelBandwidth": "AUTO",
    "enableAfc": false,
    "enableMulticastDownlinkRateLimiting": false,
    "enableMulticastUplinkRateLimiting": false,
    "method": "MANUAL",
    "mgmtTxRate6G": "6",
    "multicastDownlinkRateLimiting": 1,
    "multicastUplinkRateLimiting": 1,
    "scanInterval": 10,
    "txPower": "MAX",
    + "venueHeight": { ... }
  },
  - "radioParamsDual5G": {
    "enabled": false,
    "inheritParamsLower5G": true,
    "inheritParamsUpper5G": true,
    + "radioParamsLower5G": { ... }
```

```
+ "radioParamsUpper5G": { ... }  
}  
}
```

## Update Venue Radio

Update the venue radio.

### PATH PARAMETERS

|                                                                                                              |                    |
|--------------------------------------------------------------------------------------------------------------|--------------------|
|  <b>venueId</b><br>required | string<br>Venue ID |
|--------------------------------------------------------------------------------------------------------------|--------------------|

REQUEST BODY SCHEMA: application/json   
required

|                                                                                                                |                                                                                            |
|----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
|  <b>radioParams24G</b> >      | object (VenueApRadio24GHzSettings)<br>Customized settings for 2.4-GHz radio.               |
|  <b>radioParams50G</b> >      | object (VenueApRadio5GHzSettings)<br>Customized settings for 5-GHz radio.                  |
|  <b>radioParams6G</b> >     | object (VenueApRadio6GHzSettingsV1_1)<br>Customized settings for 6-GHz radio.              |
|  <b>radioParamsDual5G</b> > | object (VenueApRadioDual5GHzSettings)<br>Customized settings for lower/upper 5-GHz radios. |

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /venues/{venueId}/apRadioSettings 

### Request samples

## Payload

### Content type

application/json

Copy Expand all Collapse all

```
{
  - "radioParams24G": {
    + "allowedChannels": [ ... ],
    "changeInterval": 33,
    "channelBandwidth": "AUTO",
    "method": "MANUAL",
    "scanInterval": 20,
    "txPower": "Auto"
  },
  - "radioParams50G": {
    + "allowedIndoorChannels": [ ... ],
    + "allowedOutdoorChannels": [ ... ],
    "changeInterval": 33,
    "channelBandwidth": "AUTO",
    "combineChannels": false,
    "method": "MANUAL",
    "scanInterval": 20,
    "txPower": "Auto"
  },
  - "radioParams6G": {
    + "allowedChannels": [ ... ],
    + "allowedIndoorChannels": [ ... ],
    + "allowedOutdoorChannels": [ ... ],
    "bssMinRate6G": "HE_MCS_0",
    "changeInterval": 33,
    "channelBandwidth": "AUTO",
    "enableAfc": false,
    "enableMulticastDownlinkRateLimiting": false,
    "enableMulticastUplinkRateLimiting": false,
    "mgmtTxRate6G": "6",
    "multicastDownlinkRateLimiting": 1,
    "multicastUplinkRateLimiting": 1,
    "scanInterval": 10,
    "txPower": "MAX",
    + "venueHeight": { ... }
  },
  - "radioParamsDual5G": {
    "enabled": false,
    "inheritParamsLower5G": true,
    "inheritParamsUpper5G": true,
    + "radioParamsLower5G": { ... },
    + "radioParamsUpper5G": { ... }
  }
}
```

## Response samples

202400401403404422423500

Content type

application/json

Copy

```
{  "requestId": "string"}
```

## Get Venue RADIUS Options Settings

Get this venue's RADIUS options settings.

### PATH PARAMETERS

venueId

required

string

Venue ID

### Responses

- > 200 OK
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

GET

/venues/{venueId}/apRadiusOptions

Response samples

200400401403404422423500

Content type

application/json

Copy

```
{  "calledStationIdType": "BSSID",  "nasIdDelimiter": "DASH",  "nasIdType": "USER",  "nasMaxRetry": 2,  "nasReconnectPrimaryMin": 5,  "nasRequestTimeoutSec": 3}
```

```
nasRequestTimeoutSec: 10,  
"overrideEnabled": false,  
"singleSessionIdAccounting": false,  
"userDefinedNasId": "string"  
}
```

## Update Venue RADIUS Options Settings

Update this venue's RADIUS options settings.

### PATH PARAMETERS

→ **venueId**  
**required** string  
Venue ID

REQUEST BODY SCHEMA: application/json ▼

**required**

|                             |                                                                          |
|-----------------------------|--------------------------------------------------------------------------|
| → calledStationIdType       | string<br>Default: "BSSID"<br>Enum: "BSSID" "AP_MAC" "NONE" "AP_GROUP"   |
| → nasIdDelimiter            | string<br>Default: "DASH"<br>Enum: "DASH" "COLON"                        |
| → nasIdType                 | string<br>Default: "BSSID"<br>Enum: "USER" "BSSID" "AP_MAC" "VENUE_NAME" |
| → nasMaxRetry               | integer <int32> [ 2 .. 10 ]<br>Default: 2                                |
| → nasReconnectPrimaryMin    | integer <int32> [ 1 .. 300 ]<br>Default: 5                               |
| → nasRequestTimeoutSec      | integer <int32> [ 2 .. 20 ]<br>Default: 3                                |
| → overrideEnabled           | boolean<br>Default: false                                                |
| → singleSessionIdAccounting | boolean<br>Default: false                                                |
| → userDefinedNasId          | string [ 2 .. 64 ] characters ^((?!` \\$\(\) [ -~]){2,64}\$              |

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden



> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /venues/{venueId}/apRadiusOptions

### Request samples

#### Payload

Content type

application/json

Copy

```
{
  "calledStationIdType": "BSSID",
  "nasIdDelimiter": "DASH",
  "nasIdType": "USER",
  "nasMaxRetry": 2,
  "nasReconnectPrimaryMin": 5,
  "nasRequestTimeoutSec": 3,
  "overrideEnabled": false,
  "singleSessionIdAccounting": false,
  "userDefinedNasId": "string"
}
```

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Get Venue Reboot Timeout Settings

Get this venue's reboot timeout settings.

### PATH PARAMETERS

venueId  
required

string  
Venue ID

### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /venues/{venueId}/apRebootTimeoutSettings

### Response samples

200

400

401

403

404

422

423

500

#### Content type

application/json

Copy

```
{
  "gatewayLossTimeout": 1800,
  "serverLossTimeout": 7200
}
```

## Update Venue Reboot Timeout Settings

Update this venue's reboot timeout settings.

### PATH PARAMETERS

venueId  
required string  
Venue ID

REQUEST BODY SCHEMA: application/json  
required

|                    |                                                                                                                                              |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| gatewayLossTimeout | integer <int32> [0 .. 86400]<br>Default: 1800<br>The timeout in seconds for rebooting AP if it cannot reach default gateway, 0 never reboot. |
| serverLossTimeout  | integer <int32> [0 .. 86400]<br>Default: 7200<br>The timeout in seconds for rebooting AP if it cannot reach the controller, 0 never reboot.  |

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /venues/{venueId}/apRebootTimeoutSettings

### Request samples

#### Payload

Content type

application/json

Copy

```
{
  "gatewayLossTimeout": 1800,
  "serverLossTimeout": 7200
}
```

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Get Venue Smart Monitor Settings

Get this venue's smart monitor settings.

### PATH PARAMETERS

→ **venueId**  
required

string  
Venue ID

Responses

- > 200 OK
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

GET /venues/{venueId}/apSmartMonitorSettings

Response samples

200400401403404422423500

Content type

application/json

Copy

```
{  "enabled": false,  "interval": 10,  "threshold": 3}
```

Update Venue Smart Monitor Settings

Update this venue's smart monitor settings.

PATH PARAMETERS

venueId

required

string

Venue ID

REQUEST BODY SCHEMA: application/json required

|           |                                                                                                                               |
|-----------|-------------------------------------------------------------------------------------------------------------------------------|
| enabled   | boolean<br>Default: false                                                                                                     |
| interval  | integer <int32> [ 5 .. 60 ]<br>Default: 10<br>The interval how often smart monitor checks uplink status, measured by seconds. |
| threshold | integer <int32> [ 1 .. 10 ]<br>Default: 3                                                                                     |

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

PUT /venues/{venueId}/apSmartMonitorSettings

### Request samples

#### Payload

Content type

application/json

Copy

```
{
  "enabled": false,
  "interval": 10,
  "threshold": 3
}
```

### Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Get Venue Transport Layer Security KEY Enhanced Mode Settings for APs

Get transport layer security key enhanced mode settings of the APs in this venue.

PATH PARAMETERS

|           |          |
|-----------|----------|
| → venueId | string   |
| required  | Venue ID |

Responses

|                                                      |
|------------------------------------------------------|
| > 200 OK                                             |
| > 400 Bad/malformed request                          |
| > 401 Not-authorized                                 |
| > 403 Forbidden                                      |
| > 404 Requested resource or related-entity not found |
| > 422 Validation error                               |
| > 423 Locked                                         |
| > 500 Internal Server Error                          |

GET /venues/{venueId}/apTlsKeyEnhancedSettings

Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "tlsKeyEnhancedModeEnabled": false
}
```

# Update Venue Transport Layer Security KEY Enhanced Mode Settings for APs

Update transport layer security key enhanced mode settings of the APs in this venue.

PATH PARAMETERS

|           |          |
|-----------|----------|
| → venueId | string   |
| required  | Venue ID |

REQUEST BODY SCHEMA: application/json required

|                             |                |
|-----------------------------|----------------|
| → tlsKeyEnhancedModeEnabled | boolean        |
|                             | Default: false |

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

PUT

/venues/{venueId}/apTlsKeyEnhancedSettings

Request samples

Payload

Content type

application/json

Copy

```
{  "tlsKeyEnhancedModeEnabled": false}
```

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{  "requestId": "string"}
```

Get Venue Available Channels

Get venue available channels.

PATH PARAMETERS

venueId

required

string

Venue ID.

## Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /venues/{venueId}/wifiAvailableChannels

### Response samples

200

400

401

403

404

422

423

500

#### Content type

application/json

Copy

Expand all

Collapse all

```
{
  - "2.4GChannels": {
    + "20MHz": [ ... ],
    + "40MHz": [ ... ],
    + "auto": [ ... ]
  },
  - "5GChannels": {
    + "dfs": { ... },
    + "indoor": { ... },
    + "indoorForOutdoorAp": { ... },
    + "outdoor": { ... }
  },
  - "5GLowerChannels": {
    + "dfs": { ... },
    + "indoor": { ... },
    + "indoorForOutdoorAp": { ... },
    + "outdoor": { ... }
  },
  - "5GUpperChannels": {
    + "dfs": { ... },
    + "indoor": { ... },
    + "indoorForOutdoorAp": { ... },
    + "outdoor": { ... }
  },
  - "6GChannels": {
    + "160MHz": [ ... ],
    + "20MHz": [ ... ]
  }
}
```



```
+ "20MHz": { ... },
+ "40MHz": [ ... ],
+ "80MHz": [ ... ],
+ "auto": [ ... ],
+ "indoor": { ... },
+ "outdoor": { ... }
}
```

## L2ACL Policy

Manage layer-2 ACL policy profile templates.

## Deactivate Layer-2 ACL Policy On Access Control Profile

Deactivate layer-2 ACL policy on access control profile.

## PATH PARAMETERS

|                        |                           |
|------------------------|---------------------------|
| accessControlProfileId | string                    |
| required               | Access Control Profile ID |
| <hr/>                  |                           |
| l2AclPolicyId          | string                    |
| required               | L2Acl Policy ID           |

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

### > 403 Forbidden

> **404** Requested resource or related-entity not found

## > 422 Validation error

> **423** Locked

## > 500 Internal Server Error

DELETE /accessControlProfiles/{accessControlProfileId}/l2AclPolicies/{l2AclPolicyId}

## Response samples

202

403

404

422

423

Content type

```
application/json
```

Copy

```
{
    "requestId": "string"
```

```
requestId : string
}
```

## Activate Layer-2 ACL Policy On Access Control Profile

Activate layer-2 ACL policy on access control profile.

### PATH PARAMETERS

|                        |                    |                           |
|------------------------|--------------------|---------------------------|
| accessControlProfileId | string<br>required | Access Control Profile ID |
| l2AclPolicyId          | string<br>required | L2Acl Policy ID           |

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /accessControlProfiles/{accessControlProfileId}/l2AclPolicies/{l2Acl... ▾

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

#### Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Add Layer-2 ACL

Add layer-2 ACL by policy. Content-Type: "application/vnd.ruckus.v1+json" will be deprecated on 2024/09/01.

REQUEST BODY SCHEMA: application/json ▾  
required

|                          |                                                     |
|--------------------------|-----------------------------------------------------|
| access                   | string<br>Default: "BLOCK"<br>Enum: "ALLOW" "BLOCK" |
| description              | string                                              |
| macAddresses<br>required | Array of strings [ 1 .. 128 ] items                 |
| name<br>required         | string [ 2 .. 32 ] characters                       |

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**POST** /l2AclPolicies

### Request samples

Payload

Content type  
application/json

Copy Expand all Collapse all

```
{
  "access": "ALLOW",
  "description": "string",
  "macAddresses": [
    "string"
  ],
  "name": "string"
}
```

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type  
application/json

CopyExpand allCollapse all

```
{
  "requestId": "string",
  "response": {
    "access": "ALLOW",
    "description": "string",
    "id": "string",
    "macAddresses": [ ... ],
    "name": "string"
  }
}
```

## Delete Layer-2 ACL

Delete layer-2 ACL by policy id. Content-Type: "application/vnd.ruckus.v1+json" will be deprecated on 2024/09/01.

### PATH PARAMETERS

|                                                |                                              |
|------------------------------------------------|----------------------------------------------|
| <div>→ l2AclPolicyId</div> <div>required</div> | <div>string</div> <div>L2Acl Policy ID</div> |
|------------------------------------------------|----------------------------------------------|

### Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

DELETE /l2AclPolicies/{l2AclPolicyId} ▾

Response samples

202

400

401

403

404

422

423

500

Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Get Layer-2 ACL

Get layer-2 ACL by policy id.

### PATH PARAMETERS

|                 |                 |
|-----------------|-----------------|
| → l2AclPolicyId | string          |
| required        | L2Acl Policy ID |

### Responses

> 200 OK

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

GET /l2AclPolicies/{l2AclPolicyId}

### Response samples

200

400

401

403

404

422

423

500

#### Content type

application/json

Copy Expand all Collapse all

```
{
  "access": "ALLOW",
  "description": "string",
  "id": "string",
  "macAddresses": [
    "string"
  ],
  "name": "string"
}
```

# Update Layer-2 ACL

Update layer-2 ACL by policy id. Content-Type: "application/vnd.ruckus.v1+json" will be deprecated on 2024/09/01.

## PATH PARAMETERS

l2AclPolicyId  
required string  
L2Acl Policy ID

REQUEST BODY SCHEMA: application/json  
required

access string  
Default: "BLOCK"  
Enum: "ALLOW" "BLOCK"

description string

macAddresses  
required Array of strings [ 1 .. 128 ] items

name  
required string [ 2 .. 32 ] characters

## Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

PUT /l2AclPolicies/{l2AclPolicyId}

## Request samples

Payload

Content type  
application/json

Copy Expand all Collapse all

```
{
  "access": "ALLOW",
  "description": "string",
  "macAddresses": [
    "string"
```

```
},
  "name": "string"
}
```

#### Response samples

202

400

401

403

404

422

423

500

##### Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Deactivate Layer-2 ACL Policy Template On Access Control Profile Template

Deactivate layer-2 ACL policy template on access control profile template.

#### PATH PARAMETERS

|                                |                    |                                    |
|--------------------------------|--------------------|------------------------------------|
| accessControlProfileTemplateId | string<br>required | Access Control Profile Template ID |
| l2AclPolicyTemplateId          | string<br>required | L2Acl Policy Template ID           |

#### Responses

> 202 Accepted

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

**DELETE** /templates/accessControlProfiles/{accessControlProfileTemplateId}/... ▾

#### Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Activate Layer-2 ACL Policy Template On Access Control Profile Template

Activate layer-2 ACL policy template on access control profile template.

### PATH PARAMETERS

|                                                   |                                              |
|---------------------------------------------------|----------------------------------------------|
| <b>accessControlProfileTemplateId</b><br>required | string<br>Access Control Profile Template ID |
| <b>l2AclPolicyTemplateId</b><br>required          | string<br>L2Acl Policy Template ID           |

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /templates/accessControlProfiles/{accessControlProfileTemplateId}/l2... ▾

### Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```



# Add Layer-2 ACL Policy Template

Add layer-2 ACL policy template.

REQUEST BODY SCHEMA: application/json

required

|                          |                                                     |
|--------------------------|-----------------------------------------------------|
| access                   | string<br>Default: "BLOCK"<br>Enum: "ALLOW" "BLOCK" |
| description              | string                                              |
| macAddresses<br>required | Array of strings [ 1 .. 128 ] items                 |
| name<br>required         | string [ 2 .. 32 ] characters                       |

## Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

POST /templates/l2AclPolicies

### Request samples

Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "access": "ALLOW",
  "description": "string",
  "macAddresses": [
    "string"
  ],
  "name": "string"
}
```

### Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "requestId": "string",
  "response": {
    "id": "string"
  }
}
```

## Delete Layer-2 ACL Policy Template

Delete layer-2 ACL template by policy id.

### PATH PARAMETERS

→ **l2AclPolicyTemplateId** string  
**required** L2Acl Policy Template ID

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**DELETE** /templates/l2AclPolicies/{l2AclPolicyTemplateId}

### Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
```

```
"requestId": "string"
}
```

## Get Layer-2 ACL Template

Get layer-2 ACL by policy id.

### PATH PARAMETERS

|                         |                          |
|-------------------------|--------------------------|
| → l2AclPolicyTemplateId | string                   |
| required                | L2Acl Policy Template ID |

### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /templates/l2AclPolicies/{l2AclPolicyTemplateId}

### Response samples

200

400

401

403

404

422

423

500

#### Content type

application/json

Copy Expand all Collapse all

```
{
  "access": "ALLOW",
  "description": "string",
  "id": "string",
  "macAddresses": [
    "string"
  ],
  "name": "string"
}
```

## Update Layer-2 ACL Policy Template

Update layer-2 ACL template by policy id.

PATH PARAMETERS

**l2AclPolicyTemplateId** string  
**required** L2Acl Policy Template ID

REQUEST BODY SCHEMA: application/json **required**

|                                 |                                                     |
|---------------------------------|-----------------------------------------------------|
| access                          | string<br>Default: "BLOCK"<br>Enum: "ALLOW" "BLOCK" |
| description                     | string                                              |
| macAddresses<br><b>required</b> | Array of strings [ 1 .. 128 ] items                 |
| name<br><b>required</b>         | string [ 2 .. 32 ] characters                       |

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

PUT /templates/l2AclPolicies/{l2AclPolicyTemplateId}

Request samples

Payload

Content type  
application/json

Copy Expand all Collapse all

```
{
  "access": "ALLOW",
  "description": "string",
  "macAddresses": [
    "string"
  ],
  "name": "string"
```

name : string

}

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

{

"requestId": "string"

}

## Deactivate Layer-2 ACL Policy On Wi-Fi Network

Deactivate layer-2 ACL policy on Wi-Fi network.

| PATH PARAMETERS |        |                  |
|-----------------|--------|------------------|
| wifiNetworkId   | string | Wi-Fi Network ID |
| l2AclPolicyId   | string | L2Acl Policy ID  |

### Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

DELETE

/wifiNetworks/{wifiNetworkId}/l2AclPolicies/{l2AclPolicyId}

▼

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{  
  "requestId": "string"  
}
```

## Activate Layer-2 ACL Policy On Wi-Fi Network

Activate layer-2 ACL policy on Wi-Fi network.

### PATH PARAMETERS

|                           |                            |
|---------------------------|----------------------------|
| wifiNetworkId<br>required | string<br>Wi-Fi Network ID |
| l2AclPolicyId<br>required | string<br>L2Acl Policy ID  |

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

PUT /wifiNetworks/{wifiNetworkId}/l2AclPolicies/{l2AclPolicyId} ✓

### Response samples

202

400

401

403

404

422

423

500

#### Content type

application/json

Copy

```
{  
  "requestId": "string"  
}
```

## SNMP Agent Profile

Manage SNMP agent profiles.

## Create SNMP Agent Profile

Create a new SNMP agent profile.

REQUEST BODY SCHEMA: application/json

required

|                  |                                                     |
|------------------|-----------------------------------------------------|
| name<br>required | string (?=^(?!(` \\\$\\(\\) .){2,32}\$)^\\S.*\\S)\$ |
| snmpV2Agents >   | Array of objects (SnmpV2Agent) [ 0 .. 2 ] items     |
| snmpV3Agents >   | Array of objects (SnmpV3AgentV1_1) [ 0 .. 2 ] items |

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

## > 403 Forbidden

> **404** Requested resource or related-entity not found

## > 422 Validation error

> 423 Locked

## > 500 Internal Server Error

POST /snmpAgentProfiles

## Request samples

## Payload

Content type

```
application/json
```

Copy Expand all Collapse all

```
{
  "name": "string",
  "snmpV2Agents": [
    + { ... }
  ],
  "snmpV3Agents": [
    + { ... }
  ]
}
```

## Response samples

202400401403404422423500

Content type

application/json

CopyExpand allCollapse all

```
{  "requestId": "string",  "response": {    "id": "string"  }}
```

## Delete SNMP Agent Profile

Delete a SNMP agent profile.

PATH PARAMETERS

→ snmpAgentProfileId

string

required

SNMP Agent Profile ID

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

DELETE /snmpAgentProfiles/{snmpAgentProfileId}

Response samples

202400401403404422423500

Content type

application/json

Copy

```
{  "requestId": "string"}
```



# Get SNMP Agent Profile

Get the details for this SNMP agent profile.

PATH PARAMETERS

|                      |                       |
|----------------------|-----------------------|
| → snmpAgentProfileId | string                |
| required             | SNMP Agent Profile ID |

## Responses

- > 200 OK
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

GET /snmpAgentProfiles/{snmpAgentProfileId}

Response samples

200

400

401

403

404

422

423

500

Content type

application/json

CopyExpand allCollapse all

```
{  "id": "string",  "name": "string",  "snmpV2Agents": [    + { ... }  ],  "snmpV3Agents": [    + { ... }  ]}
```

# Update SNMP Agent Profile

Update a SNMP agent profile.

## PATH PARAMETERS

|                      |                       |
|----------------------|-----------------------|
| → snmpAgentProfileId | string                |
| required             | SNMP Agent Profile ID |

REQUEST BODY SCHEMA: application/json 

```
name
  required string (?=^(?!(`|\\$\\|))){2,32}$)^(\\S.*\\S)$

snmpV2Agents > Array of objects (SnmpV2Agent) [0 .. 2] items

snmpV3Agents > Array of objects (SnmpV3AgentV1_1) [0 .. 2] items
```

## Responses

- > **202** Accepted
- > **400** Bad/malformed request
- > **401** Not-authorized
- > **403** Forbidden
- > **404** Requested resource or related-entity not found
- > **422** Validation error
- > **423** Locked
- > **500** Internal Server Error

```
PUT /snmpAgentProfiles/{snmpAgentProfileId}
```

## Request samples

## Payload

**Content type**  
application/json

Copy Expand all Collapse all

```
{
  "name": "string",
-  "snmpV2Agents": [
    + { ... }
  ],
-  "snmpV3Agents": [
    + { ... }
  ]
}
```

## Response samples

202400401403404422423500

Content type

application/json

Copy

```
{  "requestId": "string"}
```

## Get SNMP Agent Profile Settings On AP

Get the SNMP agent profile settings on AP.

| PATH PARAMETERS |                              |  |
|-----------------|------------------------------|--|
| venueId         | string                       |  |
| required        | Venue ID                     |  |
| serialNumber    | string                       |  |
| required        | The serial number of the AP. |  |

### Responses

- > 200 OK
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

GET /venues/{venueId}/aps/{serialNumber}/snmpAgentProfileSettings

Response samples

200400401403404422423500

Content type

application/json

Copy

```
{  "useVenueSettings": true}
```

# Update SNMP Agent Profile Settings On AP

Update the SNMP agent profile settings on AP.

## PATH PARAMETERS

|              |                              |
|--------------|------------------------------|
| venueId      | string                       |
| required     | Venue ID                     |
| serialNumber | string                       |
| required     | The serial number of the AP. |

REQUEST BODY SCHEMA: application/json ▼  
required

|                  |         |
|------------------|---------|
| useVenueSettings | boolean |
| Default:         | true    |

## Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

PUT /venues/{venueId}/aps/{serialNumber}/snmpAgentProfileSettings ▼

## Request samples

Payload

Content type

application/json ▼

Copy

```
{
  "useVenueSettings": true
}
```

## Response samples

202

400

401

403

404

422

423

500

Content type  
application/json

Copy

```
{  
  "requestId": "string"  
}
```

## Deactivate SNMP Agent Profile On AP

Deactivate the SNMP agent profile on the AP with the venue.

### PATH PARAMETERS

|                                |                                        |
|--------------------------------|----------------------------------------|
| venueId<br>required            | string<br>Venue ID                     |
| serialNumber<br>required       | string<br>The serial number of the AP. |
| snmpAgentProfileId<br>required | string<br>SNMP Agent Profile ID        |

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**DELETE** /venues/{venueId}/aps/{serialNumber}/snmpAgentProfiles/{snmpAgentP... ▾

### Response samples

202

400

401

403

404

422

423

500

Content type  
application/json

Copy

```
{  
  "requestId": "string"  
}
```

## Activate SNMP Agent Profile On AP

Activate the SNMP agent profile on the AP with the venue.

### PATH PARAMETERS

|                                |                                        |
|--------------------------------|----------------------------------------|
| venueId<br>required            | string<br>Venue ID                     |
| serialNumber<br>required       | string<br>The serial number of the AP. |
| snmpAgentProfileId<br>required | string<br>SNMP Agent Profile ID        |

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /venues/{venueId}/aps/{serialNumber}/snmpAgentProfiles/{snmpAgentPro... ▾

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

#### Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Deactivate SNMP Agent Profile On Venue

Deactivate the SNMP agent profile on the venue.

PATH PARAMETERS

|                                |                                 |
|--------------------------------|---------------------------------|
| venueId<br>required            | string<br>Venue ID              |
| snmpAgentProfileId<br>required | string<br>SNMP Agent Profile ID |

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

**DELETE** /venues/{venueId}/snmpAgentProfiles/{snmpAgentProfileId}

Response samples

202

400

401

403

404

422

423

500

Content type  
application/json

Copy

```
{
  "requestId": "string"
}
```

# Activate SNMP Agent Profile On Venue

Activate the SNMP agent profile on the venue.

PATH PARAMETERS

|                                |                                 |
|--------------------------------|---------------------------------|
| venueId<br>required            | string<br>Venue ID              |
| snmpAgentProfileId<br>required | string<br>SNMP Agent Profile ID |

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

PUT

/venues/{venueId}/snmpAgentProfiles/{snmpAgentProfileId}

▼

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

▼

Copy

```
{
  "requestId": "string"
}
```

Access Control Profile Template

Manage access control profile templates.

Add Access Control Profile Template

Add an access control profile template.

REQUEST BODY SCHEMA: application/json ▼

required

description

string

[ 0 .. 64 ] characters

name

required

string

[ 2 .. 32 ] characters

rateLimiting >

object (RateLimiting)

Client traffic rate limiting

Responses

- > 202 Accepted



> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**POST** /templates/accessControlProfiles

### Request samples

#### Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "description": "string",
  "name": "string",
  "rateLimiting": {
    "downlinkLimit": 0,
    "enabled": false,
    "uplinkLimit": 0
  }
}
```

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type

application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": {
    "id": "string"
  }
}
```

## Delete Access Control Profile Template

Delete the specified access control profile template.

PATH PARAMETERS

→ `accessControlProfileTemplateId` `string`  
`required` Access control profile template identity

Responses

- > **202** Accepted
- > **400** Bad/malformed request
- > **401** Not-authorized
- > **403** Forbidden
- > **404** Requested resource or related-entity not found
- > **422** Validation error
- > **423** Locked
- > **500** Internal Server Error

**DELETE** `/templates/accessControlProfiles/{accessControlProfileTemplateId}` ▾

Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type

`application/json` ▾

Copy

```
{
  "requestId": "string"
}
```

## Get Access Control Profile Template

Get an access control profile by profile template identity.

PATH PARAMETERS

→ `accessControlProfileTemplateId` `string`  
`required` Access control profile template identity

Responses

- > **200** OK
- > **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /templates/accessControlProfiles/{accessControlProfileTemplateId} ✓

### Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "description": "string",
  "id": "string",
  "name": "string",
  "rateLimiting": {
    "downlinkLimit": 0,
    "enabled": false,
    "uplinkLimit": 0
  }
}
```

## Update Access Control Profile Template

Update the specified access control profile template.

### PATH PARAMETERS

→ **accessControlProfileTemplateId** string  
required Access control profile template identity

REQUEST BODY SCHEMA: application/json ✓  
required

|                  |                       |                              |
|------------------|-----------------------|------------------------------|
| → description    | string                | [ 0 .. 64 ] characters       |
| → name           | string                | [ 2 .. 32 ] characters       |
| → rateLimiting > | object (RateLimiting) | Client traffic rate limiting |

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /templates/accessControlProfiles/{accessControlProfileTemplateId} ▾

### Request samples

#### Payload

Content type

application/json ▾

Copy Expand all Collapse all

```
{
  "description": "string",
  "name": "string",
  "rateLimiting": {
    "downlinkLimit": 0,
    "enabled": false,
    "uplinkLimit": 0
  }
}
```

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Deactivate Access Control Profile Template On Wi-Fi Network Template

Use this API command to delete a relationship between access control profile template and Wi-Fi network template.

PATH PARAMETERS

|                                |                                          |
|--------------------------------|------------------------------------------|
| wifiNetworkTemplateId          | string                                   |
| required                       | Wi-Fi Network Template ID                |
| accessControlProfileTemplateId | string                                   |
| required                       | Access control profile template identity |

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

**DELETE** /templates/wifiNetworks/{wifiNetworkTemplateId}/accessControlProfi... ▾

Response samples

- 202
- 400
- 401
- 403
- 404
- 422
- 423
- 500

Content type  
application/json ▾

Copy

```
{
  "requestId": "string"
}
```

# Activate Access Control Profile Template On Wi-Fi Network Template

Use this API command to build a relationship between access control profile template and Wi-Fi network template.

PATH PARAMETERS

|                                |                                          |
|--------------------------------|------------------------------------------|
| wifiNetworkTemplateId          | string                                   |
| required                       | Wi-Fi Network Template ID                |
| accessControlProfileTemplateId | string                                   |
| required                       | Access control profile template identity |

## Responses

> 202 Accepted

> **400** Bad/malformed request

> **401** Not-authorized

## > 403 Forbidden

> **404** Requested resource or related-entity not found

## > 422 Validation error

> 423 Locked

## > 500 Internal Server Error

PUT /templates/wifiNetworks/{wifiNetworkTemplateId}/accessControlProfile... ▾

## Response samples

202

422

423

Content type

```
application/json
```

Copy

```
{
  "requestId": "string"
}
```

## RADIUS Server Profile Template

Manage RADIUS server profile templates.

## Add RADIUS Server Profile Template

Add a RADIUS server profile template.

REQUEST BODY SCHEMA: application/json

required

```
name          string (?=^((?!(`|\$|\\)).){2,32}$)^(\\S.*\\S)$
```

```
primary > object(RadiusServerV1_1)
required
RADIUS server
```

```
secondary > object (RadiusServerV1_1)
RADIUS server
```

```
type string or null
Enum: "AUTHENTICATION" "ACCOUNTING"
```

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**POST** /templates/radiusServerProfiles

### Request samples

#### Payload

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "name": "string",
  "primary": {
    "autoFallbackDisable": true,
    "ip": "string",
    "port": 1,
    "sharedSecret": "string"
  },
  "secondary": {
    "autoFallbackDisable": true,
    "ip": "string",
    "port": 1,
    "sharedSecret": "string"
  },
  "type": "AUTHENTICATION"
}
```

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "requestId": "string",
  "response": "string"
}
```

```
- "response": {  
  "id": "string"  
}
```

## Delete RADIUS Server Profile Template

Delete a specific RADIUS server profile template.

### PATH PARAMETERS

→ radiusServerProfileTemplateId string  
required

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**DELETE** /templates/radiusServerProfiles/{radiusServerProfileTemplateId} ▼

### Response samples

202

400

401

403

404

422

423

500

#### Content type

application/json ▼

Copy

```
{  
  "requestId": "string"  
}
```

## Get RADIUS Server Profile Template

Get a specific RADIUS server profile template.

### PATH PARAMETERS

→ radiusServerProfileTemplateId string  
required



Responses

- > 200 OK
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

GET

/templates/radiusServerProfiles/{radiusServerProfileTemplateId}

▼

Response samples

200

400

401

403

404

422

423

500

Content type

application/json

▼

Copy

Expand all

Collapse all

```
{
  "id": "string",
  "name": "string",
  "primary": {
    "autoFallbackDisable": true,
    "ip": "string",
    "port": 1,
    "sharedSecret": "string"
  },
  "secondary": {
    "autoFallbackDisable": true,
    "ip": "string",
    "port": 1,
    "sharedSecret": "string"
  },
  "type": "AUTHENTICATION"
}
```

Update RADIUS Server Profile Template

Update a specific RADIUS server profile template.

PATH PARAMETERS

REQUEST BODY SCHEMA: application/json 

## Responses

## > 500 Internal Server Error

## Request samples

**Content type**  
application/json

Copy Expand all Collapse all

```
{
  "name": "string",
  - "primary": {
    "autoFallbackDisable": true,
    "ip": "string",
    "port": 1,
    "sharedSecret": "string"
  },
  - "secondary": {
    "autoFallbackDisable": true,
    "ip": "string",
```

```
"port": 1,  
  "sharedSecret": "string"  
},  
  "type": "AUTHENTICATION"  
}
```

### Response samples

202

400

401

403

404

422

423

500

#### Content type

application/json

Copy

```
{  
  "requestId": "string"  
}
```

## Deactivate RADIUS Server Profile On Venue

Use this API command to delete a relationship between RADIUS server profile template and venue template.

### PATH PARAMETERS

|                               |                                   |
|-------------------------------|-----------------------------------|
| venueTemplateId               | string                            |
| required                      | Venue Template ID                 |
| radiusServerProfileTemplateId | string                            |
| required                      | RADIUS Server Profile Template ID |

### Responses

> 202 Accepted

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

**DELETE** /templates/venues/{venueTemplateId}/radiusServerProfiles/{radiusSe... ▾

### Response samples

202

400

401

403

404

422

423

500

Content type  
application/json

Copy

```
{  
  "requestId": "string"  
}
```

## Activate RADIUS Server Profile Template On Venue Template

Use this API command to build a relationship between RADIUS server profile template and venue template.

### PATH PARAMETERS

|                                           |                                             |
|-------------------------------------------|---------------------------------------------|
| venueTemplateId<br>required               | string<br>Venue Template ID                 |
| radiusServerProfileTemplateId<br>required | string<br>RADIUS Server Profile Template ID |

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /templates/venues/{venueTemplateId}/radiusServerProfiles/{radiusServ... ▾

### Response samples

202

400

401

403

404

422

423

500

Content type  
application/json

Copy

```
{  
  "requestId": "string"  
}
```

# Get RADIUS Server Profile Template Settings On Wi-Fi Network Template

Get RADIUS server profile template settings on Wi-Fi network template.

PATH PARAMETERS

|                         |                           |
|-------------------------|---------------------------|
| → wifiNetworkTemplateId | string                    |
| required                | Wi-Fi Network Template ID |

Responses

- > 200 OK
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

GET /templates/wifiNetworks/{wifiNetworkTemplateId}/radiusServerProfileSe... ▾

Response samples

200400401403404422423500

Content type

application/json ▾

Copy

```
{  "enableAccountingProxy": false,  "enableAuthProxy": false,  "macAuthMacFormat": "Lower"}
```

# Update RADIUS Server Profile Template Settings On Wi-Fi Network Template

Update RADIUS server profile template settings on Wi-Fi network template.

PATH PARAMETERS

|                         |                           |
|-------------------------|---------------------------|
| → wifiNetworkTemplateId | string                    |
| required                | Wi-Fi Network Template ID |

REQUEST BODY SCHEMA: application/json ▾

required

|                       |                                                                                                                                                                                                                                                             |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| enableAccountingProxy | boolean<br>Default: <input type="text" value="false"/>                                                                                                                                                                                                      |
| enableAuthProxy       | boolean<br>Default: <input type="text" value="false"/>                                                                                                                                                                                                      |
| macAuthMacFormat      | string or null<br>Enum: <input type="text" value="Lower"/> <input type="text" value="UpperDash"/> <input type="text" value="UpperColon"/> <input type="text" value="Upper"/> <input type="text" value="LowerDash"/> <input type="text" value="LowerColon"/> |

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

PUT /templates/wifiNetworks/{wifiNetworkTemplateId}/radiusServerProfileS... ▾

Request samples

Payload

Content type  
application/json ▾

Copy

```
{
  "enableAccountingProxy": false,
  "enableAuthProxy": false,
  "macAuthMacFormat": "Lower"
}
```

Response samples

202

400

401

403

404

422

423

500

Content type  
application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Deactivate RADIUS Server Profile Template On Wi-Fi Network Template

Use this API command to delete a relationship between RADIUS server profile template and Wi-Fi network template.

### PATH PARAMETERS

|                               |                                   |
|-------------------------------|-----------------------------------|
| wifiNetworkTemplateId         | string                            |
| required                      | Wi-Fi Network Template ID         |
| radiusServerProfileTemplateId | string                            |
| required                      | RADIUS Server Profile Template ID |

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**DELETE** /templates/wifiNetworks/{wifiNetworkTemplateId}/radiusServerProfil... ▾

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Activate RADIUS Server Profile Template On Wi-Fi Network Template

Use this API command to build a relationship between RADIUS server profile template and Wi-Fi network template.

### PATH PARAMETERS

|                                           |                                             |
|-------------------------------------------|---------------------------------------------|
| wifiNetworkTemplateId<br>required         | string<br>Wi-Fi Network Template ID         |
| radiusServerProfileTemplateId<br>required | string<br>RADIUS Server Profile Template ID |

## Responses

|                                                      |
|------------------------------------------------------|
| > 202 Accepted                                       |
| > 400 Bad/malformed request                          |
| > 401 Not-authorized                                 |
| > 403 Forbidden                                      |
| > 404 Requested resource or related-entity not found |
| > 422 Validation error                               |
| > 423 Locked                                         |
| > 500 Internal Server Error                          |

PUT /templates/wifiNetworks/{wifiNetworkTemplateId}/radiusServerProfiles... ▾

Response samples

202

400

401

403

404

422

423

500

Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Hotspot 2.0 Identity Provider

Manage Hotspot 2.0 Identity Providers.

### Add Hotspot 2.0 Identity Provider

Add a Hotspot 2.0 identity provider.

REQUEST BODY SCHEMA: application/json ▾  
required

|                         |                                                        |
|-------------------------|--------------------------------------------------------|
| accountingRadiusEnabled | boolean<br>Default: false                              |
| naiRealms ><br>required | Array of objects (Hotspot20NaiRealm) [ 1 .. 16 ] items |



|                     |                                                              |
|---------------------|--------------------------------------------------------------|
| name<br>required    | string [ 2 .. 32 ] characters                                |
| plmns >             | Array of objects (Hotspot20Plmn) [ 0 .. 16 ] items           |
| roamConsortiumOIs > | Array of objects (Hotspot20RoamConsortium) [ 0 .. 12 ] items |

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

POST /hotspot20IdentityProviders

### Request samples

#### Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "accountingRadiusEnabled": false,
  - "naiRealms": [
    + { ... }
  ],
  "name": "string",
  - "plmns": [
    + { ... }
  ],
  - "roamConsortiumOIs": [
    + { ... }
  ]
}
```

### Response samples

202

400

401

403

404

422

423

500

Content type

application/json

application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": {
    "id": "string"
  }
}
```

## Delete Hotspot 2.0 Identity Provider

Delete a Hotspot 2.0 identity provider.

### PATH PARAMETERS

→ hotspot20IdentityProviderId string  
required Hotspot 2.0 Identity Provider ID

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**DELETE** /hotspot20IdentityProviders/{hotspot20IdentityProviderId} ✓

### Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Get Hotspot 2.0 Identity Provider

Get a Hotspot 2.0 identity provider.

PATH PARAMETERS

→ hotspot20IdentityProviderId string  
required Hotspot 2.0 Identity Provider ID

Responses

> 200 OK

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

GET /hotspot20IdentityProviders/{hotspot20IdentityProviderId}

Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy Expand all Collapse all

```
{
  "accountingRadiusEnabled": false,
  "id": "string",
  "naiRealms": [
    + { ... }
  ],
  "name": "string",
  "plmns": [
    + { ... }
  ],
  "roamConsortium0Is": [
    + { ... }
  ]
}
```

## Update Hotspot 2.0 Identity Provider

Update a Hotspot 2.0 identity provider.

## PATH PARAMETERS

→ hotspot20IdentityProviderId string  
required Hotspot 2.0 Identity Provider ID

REQUEST BODY SCHEMA: application/json ▼  
required

|                         |                                                              |                |
|-------------------------|--------------------------------------------------------------|----------------|
| accountingRadiusEnabled | boolean                                                      | Default: false |
| naiRealms ><br>required | Array of objects (Hotspot20NaiRealm) [ 1 .. 16 ] items       |                |
| name<br>required        | string [ 2 .. 32 ] characters                                |                |
| plmns >                 | Array of objects (Hotspot20Plmn) [ 0 .. 16 ] items           |                |
| roamConsortiumOIs >     | Array of objects (Hotspot20RoamConsortium) [ 0 .. 12 ] items |                |

## Responses

> 202 Accepted

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

PUT /hotspot20IdentityProviders/{hotspot20IdentityProviderId} ▼

### Request samples

Payload

Content type

application/json ▼

Copy Expand all Collapse all

```
{
  "accountingRadiusEnabled": false,
  "naiRealms": [
    + { ... }
  ],
  "name": "string",
  "plmns": [
    + { ... }
```

```
    },
    "roamConsortium0Is": [
      + { ... }
    ]
  }
}
```

### Response samples

202

400

401

403

404

422

423

500

#### Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Deactivate Hotspot 2.0 Identity Provider On Wi-Fi Network

Deactivate Hotspot 2.0 identity provider on Wi-Fi network.

### PATH PARAMETERS

|                             |                                  |
|-----------------------------|----------------------------------|
| wifiNetworkId               | string                           |
| required                    | Wi-Fi Network ID                 |
| hotspot20IdentityProviderId | string                           |
| required                    | Hotspot 2.0 Identity Provider ID |

### Responses

> 202 Accepted

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

DELETE /wifiNetworks/{wifiNetworkId}/hotspot20IdentityProviders/{hotspot2... ▾

### Response samples

## Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Activate Hotspot 2.0 Identity Provider On Wi-Fi Network

Activate Hotspot 2.0 identity provider on Wi-Fi network.

### PATH PARAMETERS

|                             |                                  |
|-----------------------------|----------------------------------|
| wifiNetworkId               | string                           |
| required                    | Wi-Fi Network ID                 |
| hotspot20IdentityProviderId | string                           |
| required                    | Hotspot 2.0 Identity Provider ID |

### Responses

> 202 Accepted

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

PUT

/wifiNetworks/{wifiNetworkId}/hotspot20IdentityProviders/{hotspot20I... ▼

### Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

# SoftGRE Profile

Manage SoftGRE profiles.

## Add SoftGRE Profile

Add a SoftGRE profile.

REQUEST BODY SCHEMA: application/json   
**required**

|                                   |                                                                                           |
|-----------------------------------|-------------------------------------------------------------------------------------------|
| description                       | string [ 0 .. 64 ] characters                                                             |
| disassociateClientEnabled         | boolean<br>Default: false                                                                 |
| gatewayFailbackEnabled            | boolean<br>Default: false                                                                 |
| gatewaySecondaryToPrimaryTimer    | integer <int32> [ 60 .. 1440 ]<br>Default: 60                                             |
| keepAliveInterval                 | integer <int32> [ 1 .. 180 ]<br>Default: 10                                               |
| keepAliveRetryTimes               | integer <int32> [ 2 .. 10 ]<br>Default: 5                                                 |
| mtuSize                           | integer <int32> [ 850 .. 9018 ]<br>The MTU size, it's required if the MTU type is manual. |
| mtuType                           | string<br>Default: "AUTO"<br>Enum: "MANUAL" "AUTO"                                        |
| name<br>required                  | string [ 2 .. 32 ] characters                                                             |
| primaryGatewayAddress<br>required | string ^((22[0-3] 2[0-1][0-9] 1[0-9][0-9] [1-9][0-9]... Show pattern                      |
| secondaryGatewayAddress           | string ^((22[0-3] 2[0-1][0-9] 1[0-9][0-9] [1-9][0-9]... Show pattern                      |

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> 423 Locked

> 500 Internal Server Error

POST /softGreProfiles

### Request samples

#### Payload

Content type

application/json

Copy

```
{
  "description": "string",
  "disassociateClientEnabled": false,
  "gatewayFailbackEnabled": false,
  "gatewaySecondaryToPrimaryTimer": 60,
  "keepAliveInterval": 10,
  "keepAliveRetryTimes": 5,
  "mtuSize": 850,
  "mtuType": "MANUAL",
  "name": "string",
  "primaryGatewayAddress": "string",
  "secondaryGatewayAddress": "string"
}
```

### Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "requestId": "string",
  "response": {
    "id": "string"
  }
}
```

## Delete SoftGRE Profile

Delete the specified SoftGRE profile.

#### PATH PARAMETERS

→ softGreProfileId  
required

string  
SoftGRE profile identity



Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

DELETE /softGreProfiles/{softGreProfileId}

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{  "requestId": "string"}
```

Get SoftGRE Profile

Get a SoftGRE profile by profile identity.

PATH PARAMETERS

|                                                   |                                                       |
|---------------------------------------------------|-------------------------------------------------------|
| <div>→ softGreProfileId</div> <div>required</div> | <div>string</div> <div>SoftGRE profile identity</div> |
|---------------------------------------------------|-------------------------------------------------------|

Responses

- > 200 OK
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /softGreProfiles/{softGreProfileId}

### Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "description": "string",
  "disassociateClientEnabled": false,
  "gatewayFailbackEnabled": false,
  "gatewaySecondaryToPrimaryTimer": 60,
  "id": "string",
  "keepAliveInterval": 10,
  "keepAliveRetryTimes": 5,
  "mtuSize": 850,
  "mtuType": "MANUAL",
  "name": "string",
  "primaryGatewayAddress": "string",
  "secondaryGatewayAddress": "string"
}
```

## Update SoftGRE Profile

Update the specified SoftGRE profile.

### PATH PARAMETERS

→ **softGreProfileId** string  
required SoftGRE profile identity

REQUEST BODY SCHEMA: application/json  
required

|                                  |                 |                               |
|----------------------------------|-----------------|-------------------------------|
| → description                    | string          | [ 0 .. 64 ] characters        |
| → disassociateClientEnabled      | boolean         | Default: false                |
| → gatewayFailbackEnabled         | boolean         | Default: false                |
| → gatewaySecondaryToPrimaryTimer | integer <int32> | [ 60 .. 1440 ]<br>Default: 60 |
| → keepAliveInterval              | integer <int32> | [ 1 .. 180 ]                  |

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
|                     | Default: <input type="text" value="10"/>                                                                               |
| keepAliveRetryTimes | integer <int32> <input type="text" value="[ 2 .. 10 ]"/><br>Default: <input type="text" value="5"/>                    |
| mtuSize             | integer <int32> <input type="text" value="[ 850 .. 9018 ]"/><br>The MTU size, it's required if the MTU type is manual. |
| mtuType             | string<br>Default: <input type="text" value='"AUTO"'/><br>Enum: <input type="text" value='"MANUAL"'/>                  |

```
    "name": "string",
    "primaryGatewayAddress": "string",
    "secondaryGatewayAddress": "string"
  }
}
```

Response samples

202 400 401 403 404 422 423 500

Content type  
application/json

Copy

```
{
  "requestId": "string"
}
```

Deactivate SoftGRE Profile On Venue AP Model LAN Port

Deactivate the SoftGRE profile for the LAN port, specifying the AP model and the venue.

PATH PARAMETERS

|                              |                                    |
|------------------------------|------------------------------------|
| venueId<br>required          | string<br>Venue ID                 |
| apModel<br>required          | string<br>AP Model Name            |
| portId<br>required           | string<br>Port ID                  |
| softGreProfileId<br>required | string<br>SoftGRE profile identity |

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

**DELETE** /venues/{venueId}/apModels/{apModel}/lanPorts/{portId}/softGreProf... ▾

## Response samples

202

400

401

403

404

422

423

500

Content type  
application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Activate SoftGRE Profile On Venue AP Model LAN Port

Activate the SoftGRE profile for the LAN port, specifying the AP model and the venue.

### PATH PARAMETERS

|                              |                                    |
|------------------------------|------------------------------------|
| venueId<br>required          | string<br>Venue ID                 |
| apModel<br>required          | string<br>AP Model Name            |
| portId<br>required           | string<br>Port ID                  |
| softGreProfileId<br>required | string<br>SoftGRE profile identity |

REQUEST BODY SCHEMA: application/json

object (LanPortSoftGreProfileSettings)  
Lan port SoftGRE profile settings.

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /venues/{venueId}/apModels/{apModel}/lanPorts/{portId}/softGreProfile... ▾

PUT /venues/{venueId}/apnodes/{apnodeId}/lanports/{portId}/softgreprofileId/{softgreProfileId}

Request samples

Payload

Content type

application/json

Copy

{ }

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

{

"requestId": "string"

}

## Deactivate SoftGRE Profile On Venue AP LAN Port

Deactivate the SoftGRE profile for the LAN port, specifying the AP and the venue.

| PATH PARAMETERS  |        |                          |
|------------------|--------|--------------------------|
| venueId          | string | Venue ID                 |
| required         |        |                          |
| serialNumber     | string | AP Serial Number         |
| required         |        |                          |
| portId           | string | Port ID                  |
| required         |        |                          |
| softgreProfileId | string | SoftGRE profile identity |
| required         |        |                          |

### Responses

|                                                      |
|------------------------------------------------------|
| > 202 Accepted                                       |
| > 400 Bad/malformed request                          |
| > 401 Not-authorized                                 |
| > 403 Forbidden                                      |
| > 404 Requested resource or related-entity not found |
|                                                      |

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**DELETE** /venues/{venueId}/aps/{serialNumber}/lanPorts/{portId}/softGreProf... ▾

#### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Activate SoftGRE Profile On Venue AP LAN Port

Activate the SoftGRE profile for the LAN port, specifying the AP and the venue.

#### PATH PARAMETERS

|                              |                                    |
|------------------------------|------------------------------------|
| venueId<br>required          | string<br>Venue ID                 |
| serialNumber<br>required     | string<br>AP Serial Number         |
| portId<br>required           | string<br>Port ID                  |
| softGreProfileId<br>required | string<br>SoftGRE profile identity |

REQUEST BODY SCHEMA: application/json

object (LanPortSoftGreProfileSettings)

Lan port SoftGRE profile settings.

#### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /venues/{venueId}/aps/{serialNumber}/lanPorts/{portId}/softGreProfil... ▾

### Request samples

#### Payload

Content type  
application/json

```
{ }
```

Copy

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type  
application/json ▾

```
{  
  "requestId": "string"  
}
```

Copy

## Deactivate SoftGRE Profile On Venue Wi-Fi Network

Deactivate the SoftGRE profile on the Wi-Fi network with the venue.

### PATH PARAMETERS

|                              |                                    |
|------------------------------|------------------------------------|
| venueId<br>required          | string<br>Venue ID                 |
| wifiNetworkId<br>required    | string<br>Wi-Fi Network ID         |
| softGreProfileId<br>required | string<br>SoftGRE profile identity |

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized



- > **403** Forbidden
- > **404** Requested resource or related-entity not found
- > **422** Validation error
- > **423** Locked
- > **500** Internal Server Error

**DELETE** /venues/{venueId}/wifiNetworks/{wifiNetworkId}/softGreProfiles/{so... ▾

#### Response samples

202

400

401

403

404

422

423

500

##### Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Activate SoftGRE Profile On Venue Wi-Fi Network

Activate the SoftGRE profile on the Wi-Fi network with the venue.

#### PATH PARAMETERS

|                              |                                    |
|------------------------------|------------------------------------|
| venueId<br>required          | string<br>Venue ID                 |
| wifiNetworkId<br>required    | string<br>Wi-Fi Network ID         |
| softGreProfileId<br>required | string<br>SoftGRE profile identity |

#### Responses

- > **202** Accepted
- > **400** Bad/malformed request
- > **401** Not-authorized
- > **403** Forbidden
- > **404** Requested resource or related-entity not found
- > **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /venues/{venueId}/wifiNetworks/{wifiNetworkId}/softGreProfiles/{soft... ▾

#### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

#### Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## AP Venue Template

Manage Wi-Fi venue template configuration, including radio settings, mesh, LEDs, LAN-ports, and syslog.

### Get Venue Template Basic Service Set Coloring Settings

Get AP basic service set coloring settings for this venue template.

#### PATH PARAMETERS

|          |                   |
|----------|-------------------|
| venueId  | string            |
| required | Venue template ID |

#### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**GET** /templates/venues/{venueId}/apBssColoringSettings ▾

#### Response samples

200400401403404422423500

Content type

application/json

Copy

```
{  "bssColoringEnabled": true}
```

## Update Venue Template Basic Service Set Coloring Settings

Update AP basic service set coloring settings for this venue template.

PATH PARAMETERS

venueId

required

string

Venue template ID

REQUEST BODY SCHEMA:

application/json

required

bssColoringEnabled

boolean

Default: true

### Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

PUT /templates/venues/{venueId}/apBssColoringSettings

Request samples

Payload

Content type

application/json

Copy

```
{
```

```
"bssColoringEnabled": true
}
```

### Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Get Venue Template AP-Model Cellular

Get AP model cellular settings and LTE band lock channels for the venue template.

### PATH PARAMETERS

venueId  
required

string

### Responses

> 200 OK

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

GET /templates/venues/{venueId}/apCellularSettings

### Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy

Expand all

Collapse all

```

    "model": "string",
  - "primarySim": {
      "apn": "string",
      "enabled": true,
      + "lteBands": [ ... ],
      "networkSelection": "AUTO",
      "roaming": true
    },
    "primaryWanRecoveryTimer": 10,
  - "secondarySim": {
      "apn": "string",
      "enabled": true,
      + "lteBands": [ ... ],
      "networkSelection": "AUTO",
      "roaming": true
    },
    "wanConnection": "ETH_WITH_CELLULAR_FAILOVER"
  }
}

```

## Update Venue Template AP-Model Cellular

Update AP model cellular settings and LTE band lock channels for the venue template.

### PATH PARAMETERS

→ venueId  
required string

REQUEST BODY SCHEMA: application/json  
required

→ model string [ 0 .. 64 ] characters

→ primarySim > object (SimSettings)  
SIM setting object.

→ primaryWanRecoveryTimer  
required integer <int32> [ 10 .. 300 ]

→ secondarySim > object (SimSettings)  
SIM setting object.

→ wanConnection  
required string or null  
Enum: "ETH\_WITH\_CELLULAR\_FAILOVER" "CELLULAR\_WITH\_ETH\_FAILOVER" "ETH"  
"CELLULAR"

### Responses

> 202 Accepted

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /templates/venues/{venueId}/apCellularSettings

## Request samples

### Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "model": "string",
  "primarySim": {
    "apn": "string",
    "enabled": true,
    "lteBands": [ ... ],
    "networkSelection": "AUTO",
    "roaming": true
  },
  "primaryWanRecoveryTimer": 10,
  "secondarySim": {
    "apn": "string",
    "enabled": true,
    "lteBands": [ ... ],
    "networkSelection": "AUTO",
    "roaming": true
  },
  "wanConnection": "ETH_WITH_CELLULAR_FAILOVER"
}
```

## Response samples

**202**

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Get Venue Template Client Admission Control Settings

Get AP client admission control settings for this venue template.

PATH PARAMETERS

venueId  
required

string  
Venue template ID

Responses

- > 200 OK
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

GET /templates/venues/{venueId}/apClientAdmissionControlSettings

Response samples

200400401403404422423500

Content type

application/json

Copy

```
{  "enable24G": false,  "enable50G": false,  "maxRadioLoad24G": 75,  "maxRadioLoad50G": 75,  "minClientCount24G": 10,  "minClientCount50G": 20,  "minClientThroughput24G": 0,  "minClientThroughput50G": 0}
```

Update Venue Template Client Admission Control Settings

Update AP client admission control settings for this venue template.

PATH PARAMETERS

venueId  
required

string  
Venue template ID

REQUEST BODY SCHEMA: application/json required

|                        |                                                                        |
|------------------------|------------------------------------------------------------------------|
| enable24G              | boolean<br>Default: <code>false</code>                                 |
| enable50G              | boolean<br>Default: <code>false</code>                                 |
| maxRadioLoad24G        | integer <int32> <code>[ 50 .. 100 ]</code><br>Default: <code>75</code> |
| maxRadioLoad50G        | integer <int32> <code>[ 50 .. 100 ]</code><br>Default: <code>75</code> |
| minClientCount24G      | integer <int32> <code>[ 0 .. 100 ]</code><br>Default: <code>10</code>  |
| minClientCount50G      | integer <int32> <code>[ 0 .. 100 ]</code><br>Default: <code>20</code>  |
| minClientThroughput24G | integer <int32> <code>[ 0 .. 100 ]</code><br>Default: <code>0</code>   |
| minClientThroughput50G | integer <int32> <code>[ 0 .. 100 ]</code><br>Default: <code>0</code>   |

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /templates/venues/{venueId}/apClientAdmissionControlSettings

## Request samples

### Payload

Content type

application/json

Copy

```
{
  "enable24G": false,
  "enable50G": false,
  "maxRadioLoad24G": 75,
```



```
"maxRadioLoad50G": 75,  
"minClientCount24G": 10,  
"minClientCount50G": 20,  
"minClientThroughput24G": 0,  
"minClientThroughput50G": 0  
}
```

#### Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{  
  "requestId": "string"  
}
```

## Get Venue Template Directed Multicast Settings

Get AP directed multicast settings for this venue template.

#### PATH PARAMETERS

→ **venueId** required string  
Venue template ID

#### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /templates/venues/{venueId}/apDirectedMulticastSettings

#### Response samples

200

400

401

403

404

422

423

500

Content type  
application/json

Copy

```
{
  "networkEnabled": true,
  "wiredEnabled": true,
  "wirelessEnabled": true
}
```

## Update Venue Template Directed Multicast Settings

Update AP directed multicast settings for this venue template.

### PATH PARAMETERS

venueId  
required string  
Venue template ID

REQUEST BODY SCHEMA: application/json  
required

|                 |                          |
|-----------------|--------------------------|
| networkEnabled  | boolean<br>Default: true |
| wiredEnabled    | boolean<br>Default: true |
| wirelessEnabled | boolean<br>Default: true |

### Responses

> 202 Accepted

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

PUT /templates/venues/{venueId}/apDirectedMulticastSettings

### Request samples

Payload

Content type

application/json

Copy

```
{  "networkEnabled": true,  "wiredEnabled": true,  "wirelessEnabled": true}
```

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{  "requestId": "string"}
```

## Get Venue Template DoS Protection

Get AP DoS protection settings for this venue template.

### PATH PARAMETERS

|          |                   |
|----------|-------------------|
| venueId  | string            |
| required | Venue template ID |

### Responses

- > 200 OK
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

## Response samples

200

400

401

403

404

422

423

500

### Content type

application/json

Copy

```
{
  "blockingPeriod": 60,
  "checkPeriod": 30,
  "enabled": false,
  "failThreshold": 5
}
```

## Update Venue Template DoS Protection

Update AP DoS protection settings for this venue template.

### PATH PARAMETERS

→ **venueId** required string  
Venue template ID

REQUEST BODY SCHEMA: application/json required

|                  |                                            |
|------------------|--------------------------------------------|
| → blockingPeriod | integer <int32> [30 .. 600]<br>Default: 60 |
| → checkPeriod    | integer <int32> [30 .. 600]<br>Default: 30 |
| → enabled        | boolean<br>Default: false                  |
| → failThreshold  | integer <int32> [2 .. 25]<br>Default: 5    |

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> 500 Internal Server Error

PUT /templates/venues/{venueId}/apDosProtectionSettings

### Request samples

#### Payload

Content type

application/json

Copy

```
{
  "blockingPeriod": 60,
  "checkPeriod": 30,
  "enabled": false,
  "failThreshold": 5
}
```

### Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Get Venue Template Load Balancing Settings

Get load balancing settings for this venue template.

### PATH PARAMETERS

venueId  
required

string  
Venue template ID

### Responses

> 200 OK

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /templates/venues/{venueId}/apLoadBalancingSettings

### Response samples

200

400

401

403

404

422

423

500

#### Content type

application/json

Copy

```
{
  "bandBalancingClientPercent24G": 25,
  "bandBalancingEnabled": true,
  "enabled": false,
  "loadBalancingMethod": "BASED_ON_CLIENT_COUNT",
  "steeringMode": "BASIC",
  "stickyClientNbrApPercentageThreshold": 20,
  "stickyClientSnrThreshold": 15,
  "stickyClientSteeringEnabled": false
}
```

## Update Venue Template Load Balancing Settings

Update AP load balancing settings for this venue template.

### PATH PARAMETERS

venueId  
required  
string  
Venue template ID

REQUEST BODY SCHEMA: application/json  
required

bandBalancingClientPercent24G  
integer <int32> [0 .. 100]

Default: 25

bandBalancingEnabled

boolean

Default: true

enabled

boolean

Default: false

loadBalancingMethod

string

Default: "BASED\_ON\_CLIENT\_COUNT"

Enum: "BASED\_ON\_CLIENT\_COUNT" "BASED\_ON\_CAPACITY"

steeringMode

string

Default: "BASIC"

Enum: "BASIC" "PROACTIVE" "STRICT"

stickyClientNbrApPercentageThreshold  
integer <int32> [10 .. 40]

Default: 20

|                             |                                            |
|-----------------------------|--------------------------------------------|
| stickyClientSnrThreshold    | integer <int32> [ 5 .. 30 ]<br>Default: 15 |
| stickyClientSteeringEnabled | boolean<br>Default: false                  |

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

PUT /templates/venues/{venueId}/apLoadBalancingSettings

## Request samples

### Payload

Content type  
application/json

Copy

```
{
  "bandBalancingClientPercent24G": 25,
  "bandBalancingEnabled": true,
  "enabled": false,
  "loadBalancingMethod": "BASED_ON_CLIENT_COUNT",
  "steeringMode": "BASIC",
  "stickyClientNbrApPercentageThreshold": 20,
  "stickyClientSnrThreshold": 15,
  "stickyClientSteeringEnabled": false
}
```

## Response samples

202

400

401

403

404

422

423

500

Content type  
application/json

Copy

```
{
  "requestId": "string"
}
```

## Get Mesh Settings

Get AP mesh settings for this venue.

### PATH PARAMETERS

|                                                                                           |          |
|-------------------------------------------------------------------------------------------|----------|
|  venueId | string   |
| required                                                                                  | Venue ID |

### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**GET** /templates/venues/{venueId}/apMeshSettings

### Response samples

200

400

401

403

404

422

423

500

#### Content type

application/json

Copy

```
{
  "enabled": false,
  "passphrase": "string",
  "radioType": "2.4-GHz",
  "ssid": "string"
}
```

## Update Mesh

Enable or disable AP mesh settings for this venue template.



PATH PARAMETERS

venueId string  
required Venue template ID

REQUEST BODY SCHEMA: application/json  
required

enabled boolean  
Default: false

passphrase string `(^[!~]([ ~]){6,61}[!~$]|(^([0-9a-fA-F]){6... Show pattern`

radioType string  
Default: "5\_6\_GHz"  
Enum: "2.4-GHz" "5-GHz" "6-GHz" "5-6-GHz"

ssid string `(^(!.*(\$(|`)))([!~]([ ~]){0,30}[!~$])|(... Show pattern`

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

PUT /templates/venues/{venueId}/apMeshSettings

Request samples

Payload

Content type  
application/json

Copy

```
{
  "enabled": false,
  "passphrase": "string",
  "radioType": "2.4-GHz",
  "ssid": "string"
}
```

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

# Get Venue Template Band Mode Settings

Get venue template band mode settings. The settings are defined per AP model.

| PATH PARAMETERS |                   |  |
|-----------------|-------------------|--|
| venueId         | string            |  |
| required        | Venue template ID |  |

## Responses

- > 200 OK
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

GET /templates/venues/{venueId}/apModelBandModeSettings

Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy Expand all Collapse all

```
[
  - {
    "bandMode": "DUAL",
    "model": "string"
  }
]
```

}

## Update Template Venue Band Mode Settings

Update venue template band mode settings. The settings are defined per AP model.

### PATH PARAMETERS

→ **venueId** string  
**required** Venue template ID

REQUEST BODY SCHEMA: application/json **required** ▼

Array [  
 → **bandMode** string or null  
 Enum: "DUAL" "TRIPLE"  
 → **model** string [ 0 .. 64 ] characters  
]

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /templates/venues/{venueId}/apModelBandModeSettings ▼

### Request samples

Payload

Content type  
application/json ▼

Copy Expand all Collapse all

```
[
  - {
    "bandMode": "DUAL",
    "model": "string"
  }
]
```

## Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Get Venue Template AP-Model Capabilities

Get AP model capabilities for the venue template.

### PATH PARAMETERS

venueId  
required  
string  
Venue template ID

## Responses

> 200 OK

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

GET /templates/venues/{venueId}/apModelCapabilities

## Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy Expand all Collapse all

```
{
  "Model": "..."
}
```

```
- "apModels": {  
  + { ... }  
}  
}
```

## Get Venue Template AP Model External Antenna Settings

List venue template external antenna settings. The settings are defined per AP model.

### PATH PARAMETERS

|          |        |
|----------|--------|
| venueId  | string |
| required |        |

### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /templates/venues/{venueId}/apModelExternalAntennaSettings

### Response samples

200

400

401

403

404

422

423

500

#### Content type

application/json

Copy Expand all Collapse all

```
[  
  - {  
    "enable24G": false,  
    "enable50G": false,  
    "gain24G": 60,  
    "gain50G": 60,  
    "model": "string"  
  }  
]
```

## Update Venue Template AP Model External Antenna Settings

Update a venue template external antenna settings. The settings are defined per AP model.

PATH PARAMETERS

venueId  
required string

REQUEST BODY SCHEMA: application/json  
required

Array [

|           |                               |
|-----------|-------------------------------|
| enable24G | boolean<br>Default: false     |
| enable50G | boolean<br>Default: false     |
| gain24G   | integer <int32> [ 0 .. 60 ]   |
| gain50G   | integer <int32> [ 0 .. 60 ]   |
| model     | string [ 0 .. 64 ] characters |

Responses

> 202 Accepted

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

PUT /templates/venues/{venueId}/apModelExternalAntennaSettings

Request samples

Payload

Content type  
application/json

Copy Expand all Collapse all

```
[
  {
    "enable24G": false,
    "enable50G": false,
```

```
"gain24G": 60,  
"gain50G": 60,  
"model": "string"  
}  
}
```

### Response samples

202

400

401

403

404

422

423

500

#### Content type

application/json

Copy

```
{  
  "requestId": "string"  
}
```

## Get Venue Template LAN-Ports

List AP model LAN-port settings for this venue template.

### PATH PARAMETERS

→ venueId  
required string  
Venue template ID

### Responses

> 200 OK

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

GET /templates/venues/{venueId}/apModelLanPortSettings

### Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy Expand all Collapse all

```
[
  - {
    + "lanPorts": [ ... ],
    "model": "string",
    "poeMode": "Auto",
    "poeOut": false
  }
]
```

## Get Venue Template LED

Get AP model LED settings for this venue template.

### PATH PARAMETERS

|          |                   |
|----------|-------------------|
| venueId  | string            |
| required | Venue template ID |

### Responses

> 200 OK

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

GET /templates/venues/{venueId}/apModelLedSettings

### Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy Expand all Collapse all

```
[
  - {
    "ledEnabled": false,
    "model": "string"
  }
]
```



## Update Venue LED

Update AP model LED settings for this venue template.

### PATH PARAMETERS

venueId  
required string  
Venue template ID

REQUEST BODY SCHEMA: application/json  
required

Array [  
 ledEnabled boolean  
 Default: false  
 model string [0..64] characters  
]

### Responses

> 202 Accepted

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

PUT /templates/venues/{venueId}/apModelLedSettings

### Request samples

#### Payload

Content type  
application/json

Copy Expand all Collapse all

```
[  
  {  
    "ledEnabled": false,  
    "model": "string"
```

```
}  
}
```

## Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{  
  "requestId": "string"  
}
```

## Get Venue Template Multicast DNS Fencing Settings

Get multicast DNS fencing settings for the APs in this venue template.

### PATH PARAMETERS

venueId  
required string

## Responses

> 200 OK

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

GET /templates/venues/{venueId}/apMulticastDnsFencingSettings

## Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy Expand all Collapse all

```
{
```

```
    "enabled": false,
  - "rules": [
    + { ... }
  ]
}
```

## Update Venue Template Multicast DNS Fencing Settings

Update multicast DNS fencing settings for the APs in this venue template.

### PATH PARAMETERS

→ **venueId**  
required string

REQUEST BODY SCHEMA: application/json ▾  
required

→ **enabled** boolean  
Default: false

→ **rules** > Array of objects (MulticastDnsFencingRule)

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /templates/venues/{venueId}/apMulticastDnsFencingSettings ▾

### Request samples

Payload

Content type  
application/json ▾

Copy Expand all Collapse all

```
{
  "enabled": false,
  - "rules": [
    + { ... }
  ]
}
```

## Response samples

202

400

401

403

404

422

423

500

### Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Get Venue Template AP Radio Settings

Get AP radio settings for the venue template.

### PATH PARAMETERS

→ **venueId** string  
required Venue ID

### QUERY PARAMETERS

→ **defaultOnly** boolean  
Default:   
Only get the details of default radio settings in this venue template.

## Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /templates/venues/{venueId}/apRadioSettings

## Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy

Expand all

Collapse all

```
{
  - "radioParams24G": {
    + "allowedChannels": [ ... ],
    "changeInterval": 33,
    "channelBandwidth": "AUTO",
    "method": "MANUAL",
    "scanInterval": 20,
    "txPower": "Auto"
  },
  - "radioParams50G": {
    + "allowedIndoorChannels": [ ... ],
    + "allowedOutdoorChannels": [ ... ],
    "changeInterval": 33,
    "channelBandwidth": "AUTO",
    "combineChannels": false,
    "method": "MANUAL",
    "scanInterval": 20,
    "txPower": "Auto"
  },
  - "radioParams6G": {
    + "allowedChannels": [ ... ],
    + "allowedIndoorChannels": [ ... ],
    + "allowedOutdoorChannels": [ ... ],
    "bssMinRate6G": "HE_MCS_0",
    "changeInterval": 33,
    "channelBandwidth": "AUTO",
    "enableAfc": false,
    "enableMulticastDownlinkRateLimiting": false,
    "enableMulticastUplinkRateLimiting": false,
    "method": "MANUAL",
    "mgmtTxRate6G": "6",
    "multicastDownlinkRateLimiting": 1,
    "multicastUplinkRateLimiting": 1,
    "scanInterval": 10,
    "txPower": "MAX",
    + "venueHeight": { ... }
  },
  - "radioParamsDual5G": {
    "enabled": false,
    "inheritParamsLower5G": true,
    "inheritParamsUpper5G": true,
    + "radioParamsLower5G": { ... },
    + "radioParamsUpper5G": { ... }
  }
}
```

# Update Venue Template Radio Settings

Update AP radio settings for the venue template.

## PATH PARAMETERS

|          |                   |
|----------|-------------------|
| venueId  | string            |
| required | Venue template ID |

REQUEST BODY SCHEMA: application/json ▼  
required

|                     |                                                                                            |
|---------------------|--------------------------------------------------------------------------------------------|
| radioParams24G >    | object (VenueApRadio24GHzSettings)<br>Customized settings for 2.4-GHz radio.               |
| radioParams50G >    | object (VenueApRadio5GHzSettings)<br>Customized settings for 5-GHz radio.                  |
| radioParams6G >     | object (VenueApRadio6GHzSettingsV1_1)<br>Customized settings for 6-GHz radio.              |
| radioParamsDual5G > | object (VenueApRadioDual5GHzSettings)<br>Customized settings for lower/upper 5-GHz radios. |

## Responses

> 202 Accepted

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

PUT /templates/venues/{venueId}/apRadioSettings ▼

## Request samples

Payload

Content type  
application/json ▼

Copy Expand all Collapse all

```
{
  "radioParams24G": {
    + "allowedChannels": [ ... ],
```

```

        "changeInterval": 33,
        "channelBandwidth": "AUTO",
        "method": "MANUAL",
        "scanInterval": 20,
        "txPower": "Auto"
    },
    - "radioParams50G": {
      + "allowedIndoorChannels": [ ... ],
      + "allowedOutdoorChannels": [ ... ],
      "changeInterval": 33,
      "channelBandwidth": "AUTO",
      "combineChannels": false,
      "method": "MANUAL",
      "scanInterval": 20,
      "txPower": "Auto"
    },
    - "radioParams6G": {
      + "allowedChannels": [ ... ],
      + "allowedIndoorChannels": [ ... ],
      + "allowedOutdoorChannels": [ ... ],
      "bssMinRate6G": "HE_MCS_0",
      "changeInterval": 33,
      "channelBandwidth": "AUTO",
      "enableAfc": false,
      "enableMulticastDownlinkRateLimiting": false,
      "enableMulticastUplinkRateLimiting": false,
      "mgmtTxRate6G": "6",
      "multicastDownlinkRateLimiting": 1,
      "multicastUplinkRateLimiting": 1,
      "scanInterval": 10,
      "txPower": "MAX",
      + "venueHeight": { ... }
    },
    - "radioParamsDual5G": {
      "enabled": false,
      "inheritParamsLower5G": true,
      "inheritParamsUpper5G": true,
      + "radioParamsLower5G": { ... },
      + "radioParamsUpper5G": { ... }
    }
  }
}

```

## Response samples

202

400

401

403

404

422

423

500

### Content type

application/json

Copy

```

{
  "requestId": "string"
}

```

## Get Venue Template RADIUS Options Settings

Get AP RADIUS option settings for this venue template.

### PATH PARAMETERS

venueId  
required string

### Responses

> 200 OK

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

GET /templates/venues/{venueId}/apRadiusOptions

### Response samples

200

400

401

403

404

422

423

500

#### Content type

application/json

Copy

```
{
  "calledStationIdType": "BSSID",
  "nasIdDelimiter": "DASH",
  "nasIdType": "USER",
  "nasMaxRetry": 2,
  "nasReconnectPrimaryMin": 5,
  "nasRequestTimeoutSec": 3,
  "overrideEnabled": false,
  "singleSessionIdAccounting": false,
  "userDefinedNasId": "string"
}
```

## Update Venue Template RADIUS Options Settings



Update AP RADIUS option settings for this venue template.

PATH PARAMETERS

venueId  
required string

REQUEST BODY SCHEMA: application/json  
required

|                           |                                                                          |
|---------------------------|--------------------------------------------------------------------------|
| calledStationIdType       | string<br>Default: "BSSID"<br>Enum: "BSSID" "AP_MAC" "NONE" "AP_GROUP"   |
| nasIdDelimiter            | string<br>Default: "DASH"<br>Enum: "DASH" "COLON"                        |
| nasIdType                 | string<br>Default: "BSSID"<br>Enum: "USER" "BSSID" "AP_MAC" "VENUE_NAME" |
| nasMaxRetry               | integer <int32> [ 2 .. 10 ]<br>Default: 2                                |
| nasReconnectPrimaryMin    | integer <int32> [ 1 .. 300 ]<br>Default: 5                               |
| nasRequestTimeoutSec      | integer <int32> [ 2 .. 20 ]<br>Default: 3                                |
| overrideEnabled           | boolean<br>Default: false                                                |
| singleSessionIdAccounting | boolean<br>Default: false                                                |
| userDefinedNasId          | string [ 2 .. 64 ] characters ^((?!` \\$\\()[ -~]){2,64}\$               |

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

POST /templates/venues/{venueId}/apradiooptions

Request samples

Payload

Content type  
application/json

Copy

```
{
  "calledStationIdType": "BSSID",
  "nasIdDelimiter": "DASH",
  "nasIdType": "USER",
  "nasMaxRetry": 2,
  "nasReconnectPrimaryMin": 5,
  "nasRequestTimeoutSec": 3,
  "overrideEnabled": false,
  "singleSessionIdAccounting": false,
  "userDefinedNasId": "string"
}
```

Response samples

202

400

401

403

404

422

423

500

Content type  
application/json

Copy

```
{
  "requestId": "string"
}
```

Get Venue Template AP Reboot Timeout

Get AP reboot timeout settings for this venue template.

PATH PARAMETERS

|          |                   |
|----------|-------------------|
| venueId  | string            |
| required | Venue template ID |

Responses

> 200 OK

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /templates/venues/{venueId}/apRebootTimeoutSettings

#### Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "gatewayLossTimeout": 1800,
  "serverLossTimeout": 7200
}
```

## Update Venue Template AP Reboot Timeout

Update AP reboot timeout settings for this venue template.

#### PATH PARAMETERS

venueId  
required  
string  
Venue template ID

REQUEST BODY SCHEMA: application/json  
required

|                    |                                                                                                                                              |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| gatewayLossTimeout | integer <int32> [0 .. 86400]<br>Default: 1800<br>The timeout in seconds for rebooting AP if it cannot reach default gateway, 0 never reboot. |
| serverLossTimeout  | integer <int32> [0 .. 86400]<br>Default: 7200<br>The timeout in seconds for rebooting AP if it cannot reach the controller, 0 never reboot.  |

#### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

PUT /templates/venues/{venueId}/apRebootTimeoutSettings

#### Request samples

##### Payload

Content type

application/json

Copy

```
{
  "gatewayLossTimeout": 1800,
  "serverLossTimeout": 7200
}
```

#### Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Get Venue Template AP Smart Monitor

Get AP smart monitor settings for this venue template.

#### PATH PARAMETERS

venueId  
required

string  
Venue template ID

#### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /templates/venues/{venueId}/apSmartMonitorSettings

#### Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "enabled": false,
  "interval": 10,
  "threshold": 3
}
```

## Update Venue Template AP Smart Monitor

Update AP smart monitor settings for this venue template.

#### PATH PARAMETERS

venueId  
required  
string  
Venue template ID

REQUEST BODY SCHEMA: application/json  
required

|           |                                                                                                                               |
|-----------|-------------------------------------------------------------------------------------------------------------------------------|
| enabled   | boolean<br>Default: false                                                                                                     |
| interval  | integer <int32> [ 5 .. 60 ]<br>Default: 10<br>The interval how often smart monitor checks uplink status, measured by seconds. |
| threshold | integer <int32> [ 1 .. 10 ]<br>Default: 3<br>The retry threshold for turning off the WLANs.                                   |

#### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /templates/venues/{venueId}/apSmartMonitorSettings

#### Request samples

##### Payload

Content type  
application/json

```
{
  "enabled": false,
  "interval": 10,
  "threshold": 3
}
```

Copy

#### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type  
application/json

```
{
  "requestId": "string"
}
```

Copy

## Get Venue Template Available Channels

Get available channels for the venue template.

#### PATH PARAMETERS

→ **venueId**  
**required** string  
Venue template ID.

#### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /templates/venues/{venueId}/wifiAvailableChannels

## Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy Expand all Collapse all

```
{
  - "2.4GChannels": {
    + "20MHz": [ ... ],
    + "40MHz": [ ... ],
    + "auto": [ ... ]
  },
  - "5GChannels": {
    + "dfs": { ... },
    + "indoor": { ... },
    + "indoorForOutdoorAp": { ... },
    + "outdoor": { ... }
  },
  - "5GLowerChannels": {
    + "dfs": { ... },
    + "indoor": { ... },
    + "indoorForOutdoorAp": { ... },
    + "outdoor": { ... }
  },
  - "5GUpperChannels": {
    + "dfs": { ... },
    + "indoor": { ... },
    + "indoorForOutdoorAp": { ... },
    + "outdoor": { ... }
  },
  - "6GChannels": {
    + "160MHz": [ ... ],
    + "20MHz": [ ... ],
    + "40MHz": [ ... ],
    + "80MHz": [ ... ],
    + "auto": [ ... ],
    + "indoor": { ... },
    + "outdoor": { ... }
  }
}
```

# Wi-Fi Network Template

Manage Wi-Fi network template profiles.

## Deactivate Wi-Fi Network Template On Venue Template

Use this API to delete a relationship between Wi-Fi network template and venue template.

### PATH PARAMETERS

|                           |                            |
|---------------------------|----------------------------|
| venueId<br>required       | string<br>Venue ID         |
| wifiNetworkId<br>required | string<br>Wi-Fi Network ID |

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**DELETE** /templates/venues/{venueId}/wifiNetworks/{wifiNetworkId}

### Response samples

202

400

401

403

404

422

423

500

#### Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Activate Wi-Fi Network Template On Venue Template

Use this API to build a relationship between Wi-Fi network template and venue template.



PATH PARAMETERS

|                           |                            |
|---------------------------|----------------------------|
| venueId<br>required       | string<br>Venue ID         |
| wifiNetworkId<br>required | string<br>Wi-Fi Network ID |

REQUEST BODY SCHEMA: application/json

|               |                          |
|---------------|--------------------------|
| isAllApGroups | boolean<br>Default: true |
|---------------|--------------------------|

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

PUT /templates/venues/{venueId}/wifiNetworks/{wifiNetworkId}

Request samples

Payload

Content type  
application/json

Copy

```
{
  "isAllApGroups": true
}
```

Response samples

202

400

401

403

404

422

423

500

Content type  
application/json

Copy

```
{
```

```
"requestId": "string"
}
```

## Get Venue Wi-Fi Network Template Settings

Get Wi-Fi network template settings on this venue template.

### PATH PARAMETERS

|               |                  |
|---------------|------------------|
| venueId       | string           |
| required      | Venue ID         |
| wifiNetworkId | string           |
| required      | Wi-Fi Network ID |

### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /templates/venues/{venueId}/wifiNetworks/{wifiNetworkId}/settings

### Response samples

200

400

401

403

404

422

423

500

#### Content type

application/json

Copy Expand all Collapse all

```
{
  "allApGroupsRadioTypes": [
    "2.4-GHz"
  ],
  "allApGroupsVlanId": 1,
  "isAllApGroups": true,
  "scheduler": {
    "fri": "string",
    "mon": "string",
    "sat": "string",
    "sun": "string",
```

```
    "thu": "string",
    "tue": "string",
    "type": "ALWAYS_ON",
    "wed": "string"
  }
}
```

## Update Venue Wi-Fi Network Template Settings

Update Wi-Fi network template settings on this venue template.

### PATH PARAMETERS

|                           |                            |
|---------------------------|----------------------------|
| venueId<br>required       | string<br>Venue ID         |
| wifiNetworkId<br>required | string<br>Wi-Fi Network ID |

REQUEST BODY SCHEMA: application/json   
required

|                       |                                                                 |
|-----------------------|-----------------------------------------------------------------|
| allApGroupsRadioTypes | Array of strings<br>Items Enum: "2.4 - GHz" "5 - GHz" "6 - GHz" |
| allApGroupsVlanId     | integer <int32> [ 1 .. 4094 ]                                   |
| isAllApGroups         | boolean<br>Default: true                                        |
| scheduler >           | object (NetworkVenueScheduler)<br>Network-Venue scheduler       |

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /templates/venues/{venueId}/wifiNetworks/{wifiNetworkId}/settings 

### Request samples

Payload

Content type  
application/json

Content type  
application/json

Copy Expand all Collapse all

```
{
  "allApGroupsRadioTypes": [
    "2.4-GHz"
  ],
  "allApGroupsVlanId": 1,
  "isAllApGroups": true,
  "scheduler": {
    "fri": "string",
    "mon": "string",
    "sat": "string",
    "sun": "string",
    "thu": "string",
    "tue": "string",
    "type": "ALWAYS_ON",
    "wed": "string"
  }
}
```

## Response samples

202

| Content type     |
|------------------|
| application/json |

| Content type     |
|------------------|
| application/json |

Copy

```
{
  "requestId": "string"
}
```

## Create Wi-Fi Network Template

Create a new Wi-Fi network template.

REQUEST BODY SCHEMA: `application/json` 

required

One of

AAAWifiNetwork

DpskWifiNetwork

GuestWifiNetwork

Hotspot20WifiNetwork

OpenWifiNetwork

PskWifiNetwork

```
name string (?=^(?!(`|\$\\|))){2,32}$)^(\\S.*\\S)$
```

```
type                                string
required
```

```
description      string      [ 0 .. 256 ] characters
```

```
useCertificateTemplate boolean
                        Default: false
```

```
wlan > object (AAAWifiWlan)
```

## Responses

> **202** Accepted> **400** Bad/malformed request> **401** Not-authorized> **403** Forbidden> **404** Requested resource or related-entity not found> **422** Validation error> **423** Locked> **500** Internal Server Error

POST /templates/wifiNetworks

## Request samples

## Payload

## Content type

application/json

## Example

AAAWifiNetwork

Copy Expand all Collapse all

```
{
  "name": "string",
  "type": "string",
  "description": "string",
  "useCertificateTemplate": false,
  "wlan": {
    + "advancedCustomization": { ... },
    "bypassCNA": false,
    "bypassCPUUsingMacAddressAuthentication": false,
    "enabled": true,
    "macAddressAuthentication": false,
    "managementFrameProtection": "Disabled",
    "ssid": "string",
    "vlanId": 1,
    "wlanSecurity": "WPA2Enterprise"
  }
}
```

## Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "requestId": "string",
  "response": {
    "id": "string"
  }
}
```

## Delete Wi-Fi Network Template

Delete a Wi-Fi network template.

### PATH PARAMETERS

→ **wifiNetworkTemplateId** string  
**required** Wi-Fi Network Template ID

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**DELETE** /templates/wifiNetworks/{wifiNetworkTemplateId}

### Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
```

```
}
```

## Get Wi-Fi Network Template

Get the Wi-Fi network template details.

### PATH PARAMETERS

|                         |                           |
|-------------------------|---------------------------|
| → wifiNetworkTemplateId | string                    |
| required                | Wi-Fi Network Template ID |

### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /templates/wifiNetworks/{wifiNetworkTemplateId}

### Response samples

200

400

401

403

404

422

423

500

#### Content type

application/json

#### Example

AAAWifiNetwork

Copy Expand all Collapse all

```
{
  "id": "string",
  "name": "string",
  "type": "AAAWifiNetwork",
  "description": "string",
  "useCertificateTemplate": false,
  "wlan": {
    "advancedCustomization": { ... },
    "bypassCNA": false,
    "bypassCPUUsingMacAddressAuthentication": false,
    "enabled": true,
    "macAddressAuthentication": false,
```

```

    "managementFrameProtection": "Disabled",
    "ssid": "string",
    "vlanId": 1,
    "wlanSecurity": "WPA2Enterprise"
  }
}

```

## Update Wi-Fi Network Template

Update this Wi-Fi network template, including nested details.

## PATH PARAMETERS

|                                                                                                         |                           |
|---------------------------------------------------------------------------------------------------------|---------------------------|
|  wifiNetworkTemplateId | string                    |
| <b>required</b>                                                                                         | Wi-Fi Network Template ID |

REQUEST BODY SCHEMA: application/json 

One of

AAAWifiNetwork

DpskWifiNetwork

GuestWifiNetwork

Hotspot20WifiNetwork

OpenWifiNetwork

PskWifiNetwork

```
name string (?=^(?!(`|\$|`))){2,32}$)^(\\S.*\\S)$
required
```

```
type string
required
```

```
description string [ 0 .. 256 ] characters
```

```
useCertificateTemplate boolean
Default: false
```

```
wlan > object (AAAWifiWlan)
required AAA Wi-Fi WLAN
```

## Responses

> 202 Accepted

> **400** Bad/malformed request

> **401** Not-authorized

## > 403 Forbidden

> **404** Requested resource or related-entity not found

## > 422 Validation error

> 423 Locked

## > 500 Internal Server Error

```
PUT /templates/wifiNetworks/{wifiNetworkTemplateId}
```

## Request samples



## Request samples

### Payload

#### Content type

application/json

#### Example

AAAWifiNetwork

Copy Expand all Collapse all

```
{
  "name": "string",
  "type": "string",
  "description": "string",
  "useCertificateTemplate": false,
  "wlan": {
    "advancedCustomization": { ... },
    "bypassCNA": false,
    "bypassCPUsingMacAddressAuthentication": false,
    "enabled": true,
    "macAddressAuthentication": false,
    "managementFrameProtection": "Disabled",
    "ssid": "string",
    "vlanId": 1,
    "wlanSecurity": "WPA2Enterprise"
  }
}
```

## Response samples

202

400

401

403

404

422

423

500

#### Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Clone Wi-Fi Network Template

Clone a existing Wi-Fi network template.

### PATH PARAMETERS

→ wifiNetworkTemplateId string  
required Wi-Fi Network Template ID

REQUEST BODY SCHEMA: application/json  
required

→ id string  
→ name string  
required

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**POST** /templates/wifiNetworks/{wifiNetworkTemplateId}/cloneSettings

### Request samples

#### Payload

Content type

application/json

Copy

```
{
  "id": "string",
  "name": "string"
}
```

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "requestId": "string",
  "response": {
    "id": "string"
  }
}
```

## Access Control Profile

Manage access control profiles.

Add Access Control Profile

Add an access control profile. Content-Type: "application/vnd.ruckus.v1+json" will be deprecated on 2024/9/1.

REQUEST BODY SCHEMA: application/json   
required

|                     |                                                       |
|---------------------|-------------------------------------------------------|
| applicationPolicy > | object (IdAndEnabled)<br>Profile ID and enabled       |
| description         | string [ 0 .. 64 ] characters                         |
| devicePolicy >      | object (IdAndEnabled)<br>Profile ID and enabled       |
| l2AclPolicy >       | object (IdAndEnabled)<br>Profile ID and enabled       |
| l3AclPolicy >       | object (IdAndEnabled)<br>Profile ID and enabled       |
| name<br>required    | string [ 2 .. 32 ] characters                         |
| rateLimiting >      | object (RateLimiting)<br>Client traffic rate limiting |

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

POST /accessControlProfiles 

Request samples

Payload

Content type

application/json 

Copy

Expand all

Collapse all

```
{
  "applicationPolicy": {
    "enabled": false,
    "id": "string"
  }
}
```

```
    id: "string",
  },
  "description": "string",
-  "devicePolicy": {
    "enabled": false,
    "id": "string"
  },
-  "l2AclPolicy": {
    "enabled": false,
    "id": "string"
  },
-  "l3AclPolicy": {
    "enabled": false,
    "id": "string"
  },
  "name": "string",
-  "rateLimiting": {
    "downlinkLimit": 0,
    "enabled": false,
    "uplinkLimit": 0
  }
}
```

## Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
-  "response": {
    + "applicationPolicy": { ... },
    "description": "string",
    + "devicePolicy": { ... },
    "id": "string",
    + "l2AclPolicy": { ... },
    + "l3AclPolicy": { ... },
    "name": "string",
    + "rateLimiting": { ... }
  }
}
```

## Delete Access Control Profile

Delete the specified access control profile. Content-Type: "application/vnd.ruckus.v1+json" will be deprecated on 2024/9/1.

### PATH PARAMETERS

→ **accessControlProfileId** string  
required Access control profile identity

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

DELETE

/accessControlProfiles/{accessControlProfileId}

▼

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

▼

Copy

```
{  "requestId": "string"}
```

Get Access Control Profile

Get an access control profile by profile identity. Content-Type: "application/vnd.ruckus.v1+json" will be deprecated on 2024/9/1.

PATH PARAMETERS

→ accessControlProfileId

string

required

Access control profile identity

Responses

- > 200 OK
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /accessControlProfiles/{accessControlProfileId}

### Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy Expand all Collapse all

```
{
  - "applicationPolicy": {
    "enabled": false,
    "id": "string"
  },
  "description": "string",
  - "devicePolicy": {
    "enabled": false,
    "id": "string"
  },
  "id": "string",
  - "l2AclPolicy": {
    "enabled": false,
    "id": "string"
  },
  - "l3AclPolicy": {
    "enabled": false,
    "id": "string"
  },
  "name": "string",
  - "rateLimiting": {
    "downlinkLimit": 0,
    "enabled": false,
    "uplinkLimit": 0
  }
}
```

## Update Access Control Profile

Update the specified access control profile. Content-Type: "application/vnd.ruckus.v1+json" will be deprecated on 2024/9/1.

### PATH PARAMETERS

→ accessControlProfileId string  
required Access control profile identity

REQUEST BODY SCHEMA: application/json  
required

→ applicationPolicy > object (IdAndEnabled)

|                  |                                                       |
|------------------|-------------------------------------------------------|
|                  | Profile ID and enabled                                |
| description      | string <span>[ 0 .. 64 ] characters</span>            |
| devicePolicy >   | object (IdAndEnabled)<br>Profile ID and enabled       |
| l2AclPolicy >    | object (IdAndEnabled)<br>Profile ID and enabled       |
| l3AclPolicy >    | object (IdAndEnabled)<br>Profile ID and enabled       |
| name<br>required | string <span>[ 2 .. 32 ] characters</span>            |
| rateLimiting >   | object (RateLimiting)<br>Client traffic rate limiting |

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /accessControlProfiles/{accessControlProfileId}

### Request samples

Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  - "applicationPolicy": {
    "enabled": false,
    "id": "string"
  },
  "description": "string",
  - "devicePolicy": {
    "enabled": false,
    "id": "string"
```

```
    },
    "l2AclPolicy": {
      "enabled": false,
      "id": "string"
    },
    "l3AclPolicy": {
      "enabled": false,
      "id": "string"
    },
    "name": "string",
    "rateLimiting": {
      "downlinkLimit": 0,
      "enabled": false,
      "uplinkLimit": 0
    }
  }
}
```

### Response samples

202

400

401

403

404

422

423

500

#### Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Deactivate Access Control Profile On Wi-Fi Network

Use this API command to delete a relationship between access control profile and Wi-Fi network.

### PATH PARAMETERS

|                        |                                 |
|------------------------|---------------------------------|
| wifiNetworkId          | string                          |
| required               | Wi-Fi Network ID                |
| accessControlProfileId | string                          |
| required               | Access control profile identity |

### Responses

> 202 Accepted

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden



> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**DELETE** /wifiNetworks/{wifiNetworkId}/accessControlProfiles/{accessControlPr... ▾

#### Response samples

202

400

401

403

404

422

423

500

##### Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Activate Access Control Profile On Wi-Fi Network

Use this API command to build a relationship between access control profile and Wi-Fi network.

#### PATH PARAMETERS

|                        |                                 |
|------------------------|---------------------------------|
| wifiNetworkId          | string                          |
| required               | Wi-Fi Network ID                |
| accessControlProfileId | string                          |
| required               | Access control profile identity |

#### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /wifiNetworks/{wifiNetworkId}/accessControlProfiles/{accessControlPr... ▾

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{  "requestId": "string"}
```

L3ACL Policy Template

Manage layer-3 ACL policy profile templates.

Deactivate Layer-3 ACL Policy Template On Access Control Profile Template

Deactivate layer-3 ACL policy template on access control profile template.

| PATH PARAMETERS                |                    |                                    |
|--------------------------------|--------------------|------------------------------------|
| accessControlProfileTemplateId | string<br>required | Access Control Profile Template ID |
| l3AclPolicyTemplateId          | string<br>required | L3Acl Policy Template ID           |

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

DELETE

/templates/accessControlProfiles/{accessControlProfileTemplateId}/... ▾

Response samples

202400401403404422423500

Content type

application/json

Copy

```
{  "requestId": "string"}
```

## Activate Layer-3 ACL Policy Template On Access Control Profile Template

Activate layer-3 ACL policy template on access control profile template.

| PATH PARAMETERS                |                                                          |
|--------------------------------|----------------------------------------------------------|
| accessControlProfileTemplateId | string<br>required<br>Access Control Profile Template ID |
| l3AclPolicyTemplateId          | string<br>required<br>L3Acl Policy Template ID           |

### Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

PUT /templates/accessControlProfiles/{accessControlProfileTemplateId}/l3... ▾

Response samples

202400401403404422423500

Content type

application/json

Copy

```
{  "requestId": "string"}
```

## Add Layer-3 ACL Policy Template

Add layer-3 ACL policy template.

REQUEST BODY SCHEMA: application/json ▾

required

|                  |                                                     |
|------------------|-----------------------------------------------------|
| defaultAccess    | string<br>Default: "ALLOW"<br>Enum: "ALLOW" "BLOCK" |
| description      | string                                              |
| l3Rules >        | Array of objects (L3Rule) [ 1 .. 128 ] items        |
| name<br>required | string [ 2 .. 32 ] characters                       |

### Responses

> 202 Accepted

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

POST /templates/l3AclPolicies ▾

### Request samples

Payload

Content type

application/json ▾

Copy Expand all Collapse all

```
{
  "defaultAccess": "ALLOW",
  "description": "string",
  "l3Rules": [
    + { ... }
  ],
  "name": "string"
}
```

### Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "requestId": "string",
  "response": {
    "id": "string"
  }
}
```

## Delete Layer-3 ACL Policy Template

Delete layer-3 ACL template by policy id.

### PATH PARAMETERS

→ l3AclPolicyTemplateId string  
required L3Acl Policy Template ID

### Responses

> 202 Accepted

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

DELETE /templates/l3AclPolicies/{l3AclPolicyTemplateId}

### Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Get Layer-3 ACL Template

Get layer-3 ACL template by policy template id.

### PATH PARAMETERS

|                         |                          |
|-------------------------|--------------------------|
| → l3AclPolicyTemplateId | string                   |
| required                | L3Acl Policy Template ID |

### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /templates/l3AclPolicies/{l3AclPolicyTemplateId} ▼

### Response samples

200

400

401

403

404

422

423

500

#### Content type

application/json ▼

Copy Expand all Collapse all

```
{
  "defaultAccess": "ALLOW",
  "description": "string",
  "id": "string",
  "l3Rules": [
    + { ... }
  ],
  "name": "string"
}
```

## Update Layer-3 ACL Policy Template

Update layer-3 ACL template by policy id.

PATH PARAMETERS

→ **l3AclPolicyTemplateId** string  
**required** L3Acl Policy Template ID

REQUEST BODY SCHEMA: application/json   
**required**

→ **defaultAccess** string  
Default: "ALLOW"  
Enum: "ALLOW" "BLOCK"

→ **description** string

→ **l3Rules** > Array of objects (L3Rule) [ 1 .. 128 ] items

→ **name** string [ 2 .. 32 ] characters  
**required**

Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /templates/l3AclPolicies/{l3AclPolicyTemplateId} 

Request samples

Payload

Content type  
application/json 

Copy Expand all Collapse all

```
{
  "defaultAccess": "ALLOW",
  "description": "string",
  "l3Rules": [
    + { ... }
  ],
  "name": "string"
```

## > 422 Validation error



> 423 Locked

> 500 Internal Server Error

POST /templates/venues/{venueId}/apGroups

Request samples

Payload

Content type  
application/json

Copy Expand all Collapse all

```
{
  "apSerialNumbers": [
    "string"
  ],
  "description": "string",
  "name": "string"
}
```

Response samples

202

400

401

403

404

422

423

500

Content type  
application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": {
    "id": "string"
  }
}
```

Delete AP Group Template

Delete an AP group template.

PATH PARAMETERS

|           |             |
|-----------|-------------|
| venueId   | string      |
| required  | Venue ID    |
| apGroupId | string      |
| required  | AP Group ID |

Responses

> 202 Accepted

- > **400** Bad/malformed request
- > **401** Not-authorized
- > **403** Forbidden
- > **404** Requested resource or related-entity not found
- > **422** Validation error
- > **423** Locked
- > **500** Internal Server Error

**DELETE** /templates/venues/{venueId}/apGroups/{apGroupId} ▼

#### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type

application/json ▼

Copy

```
{
  "requestId": "string"
}
```

## Get AP Group Template

Get the AP group template details.

#### PATH PARAMETERS

|                              |                       |
|------------------------------|-----------------------|
| <b>venueId</b><br>required   | string<br>Venue ID    |
| <b>apGroupId</b><br>required | string<br>AP Group ID |

#### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

```
GET /templates/venues/{venueId}/apGroups/{apGroupId}
```

## Response samples

200

**Content type**  
application/json

```

- apSerialNumbers : [
    "1111"

```

```

    "string"
  ],
  "description": "string",
  "id": "string",
  "isDefault": false,
  "name": "string"
}

```

Update AP Group Template

Update an AP group template.

## PATH PARAMETERS

|          |          |
|----------|----------|
| venueId  | string   |
| required | Venue ID |

|           |             |
|-----------|-------------|
| apGroupId | string      |
| required  | AP Group ID |

REQUEST BODY SCHEMA: application/json 

required

|                 |                                                                                     |
|-----------------|-------------------------------------------------------------------------------------|
| apSerialNumbers | Array of strings<br>List of AP serial-numbers which are associated to the AP group. |
|-----------------|-------------------------------------------------------------------------------------|

```
description      string [ 2 .. 180 ] characters
```

|      |                                                                                                          |
|------|----------------------------------------------------------------------------------------------------------|
| name | string (?=^(?!(` \\\$\\(\\))\\.){2,64}\$)^(\\S.*\\S)\$                                                   |
|      | The name of the AP group. Is required during creation and modification but not for the default AP group. |

## Responses

> 202 Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /templates/venues/{venueId}/apGroups/{apGroupId}

### Request samples

Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "apSerialNumbers": [
    "string"
  ],
  "description": "string",
  "name": "string"
}
```

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Clone AP Group Template

Clone an AP group template.

### PATH PARAMETERS

venueId  
required

string  
Venue ID

apGroupId  
required

string  
AP Group ID

REQUEST BODY SCHEMA: application/json

required

|      |        |
|------|--------|
| id   | string |
| name | string |

Responses

> 202 Accepted

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

POST /templates/venues/{venueId}/apGroups/{apGroupId}/cloneSettings

Request samples

Payload

Content type  
application/json

Copy

```
{
  "id": "string",
  "name": "string"
}
```

Response samples

202

400

401

403

404

422

423

500

Content type  
application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": {
    "id": "string"
  }
}
```

## Deactivate AP Group Template On Wi-Fi Network Template

Deactivate the AP group template and remove the settings on the Wi-Fi network template with the venue template.

### PATH PARAMETERS

|                           |                            |
|---------------------------|----------------------------|
| venueId<br>required       | string<br>Venue ID         |
| wifiNetworkId<br>required | string<br>Wi-Fi Network ID |
| apGroupId<br>required     | string<br>AP Group ID      |

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**DELETE** /templates/venues/{venueId}/wifiNetworks/{wifiNetworkId}/apGroups/... ▾

### Response samples

202

400

401

403

404

422

423

500

#### Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Activate AP Group Template On Wi-Fi Network Template

Activate the AP group template on the Wi-Fi network template with the venue template.

PATH PARAMETERS

|                           |                            |
|---------------------------|----------------------------|
| venueId<br>required       | string<br>Venue ID         |
| wifiNetworkId<br>required | string<br>Wi-Fi Network ID |
| apGroupId<br>required     | string<br>AP Group ID      |

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

PUT /templates/venues/{venueId}/wifiNetworks/{wifiNetworkId}/apGroups/{a... ▾

Response samples

202400401403404422423500

Content type

application/json ▾

{  
 "requestId": "string"  
}

Copy

Get AP Group Settings Template On Wi-Fi Network Template

Get the activated AP group template settings on the Wi-Fi network template with the venue template.

PATH PARAMETERS

|                           |                            |
|---------------------------|----------------------------|
| venueId<br>required       | string<br>Venue ID         |
| wifiNetworkId<br>required | string<br>Wi-Fi Network ID |

|                       |                       |
|-----------------------|-----------------------|
| apGroupId<br>required | string<br>AP Group ID |
|-----------------------|-----------------------|

## Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /templates/venues/{venueId}/wifiNetworks/{wifiNetworkId}/apGroups/{ap... ▾

### Response samples

200

400

401

403

404

422

423

500

Content type

application/json ▾

Copy Expand all Collapse all

```
{
  "radioTypes": [
    "2.4-GHz"
  ],
  "vlanId": 1
}
```

## Update AP Group Settings Template On Wi-Fi Network Template

Update the activated AP group template settings on the Wi-Fi network template with the venue template.

### PATH PARAMETERS

|                           |                            |
|---------------------------|----------------------------|
| venueId<br>required       | string<br>Venue ID         |
| wifiNetworkId<br>required | string<br>Wi-Fi Network ID |
| apGroupId<br>required     | string<br>AP Group ID      |



REQUEST BODY SCHEMA: application/json

required

|            |                                                           |
|------------|-----------------------------------------------------------|
| radioTypes | Array of strings<br>Items Enum: "2.4-GHz" "5-GHz" "6-GHz" |
| vlanId     | integer <int32> [ 1 .. 4094 ]                             |

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

PUT /templates/venues/{venueId}/wifiNetworks/{wifiNetworkId}/apGroups/{a...

Request samples

Payload

Content type  
application/json

Copy Expand all Collapse all

```
{
  "radioTypes": [
    "2.4-GHz"
  ],
  "vlanId": 1
}
```

Response samples

202 400 401 403 404 422 423 500

Content type  
application/json

Copy

```
{
  "requestId": "string"
}
```

## DPSK Service

Manage DPSK services.

### Activate DPSK Service On Wi-Fi Network

Use this API command to build the relationship between DPSK service and Wi-Fi network.

#### PATH PARAMETERS

|               |                  |
|---------------|------------------|
| wifiNetworkId | string           |
| required      | Wi-Fi Network ID |
| dpskServiceId | string           |
| required      | DPSK service ID  |

#### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

PUT /wifiNetworks/{wifiNetworkId}/dpskServices/{dpskServiceId}

#### Response samples

202

400

401

403

404

422

423

500

#### Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## VLAN Pool Profile

Manage VLAN pool profiles.

### Deactivate VLAN Pool Profile On AP Group

# Deactivate VLAN Pool Profile On AP Group

Use this API command to deactivate a VLAN pool profile on an AP group.

## PATH PARAMETERS

|                               |                                |
|-------------------------------|--------------------------------|
| venueId<br>required           | string<br>Venue ID             |
| wifiNetworkId<br>required     | string<br>Wi-Fi Network ID     |
| apGroupId<br>required         | string<br>AP Group ID          |
| vlanPoolProfileId<br>required | string<br>VLAN Pool Profile ID |

## Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

DELETE

/venues/{venueId}/wifiNetworks/{wifiNetworkId}/apGroups/{apGroupId... ▾

Response samples

202

400

401

403

404

422

423

500

Content type

application/json ▾

Copy

```
{  "requestId": "string"}
```

# Activate VLAN Pool Profile On AP Group

Use this API command to activate a VLAN pool profile on an AP group.

PATH PARAMETERS

|                               |                                |
|-------------------------------|--------------------------------|
| venueId<br>required           | string<br>Venue ID             |
| wifiNetworkId<br>required     | string<br>Wi-Fi Network ID     |
| apGroupId<br>required         | string<br>AP Group ID          |
| vlanPoolProfileId<br>required | string<br>VLAN Pool Profile ID |

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

PUT /venues/{venueId}/wifiNetworks/{wifiNetworkId}/apGroups/{apGroupId}/... ▾

Response samples

202

400

401

403

404

422

423

500

Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

Add VLAN Pool Profile

Use this API command to create a new VLAN pool profile.

REQUEST BODY SCHEMA: application/json ▾  
required

|             |                               |
|-------------|-------------------------------|
| description | string [ 0 .. 64 ] characters |
|-------------|-------------------------------|

|                         |                                    |
|-------------------------|------------------------------------|
| name<br>required        | string [ 1 .. 32 ] characters      |
| vlanMembers<br>required | Array of strings [ 0 .. 16 ] items |

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**POST** /vlanPoolProfiles

### Request samples

#### Payload

Content type  
application/json

Copy Expand all Collapse all

```
{
  "description": "string",
  "name": "string",
  "vlanMembers": [
    "string"
  ]
}
```

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type  
application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": {
    "id": "string"
  }
}
```

## Delete VLAN Pool Profile

Use this API command to delete a VLAN pool profile.

### PATH PARAMETERS

|                                        |                                |
|----------------------------------------|--------------------------------|
| → <b>vlanPoolProfileId</b><br>required | string<br>VLAN Pool Profile ID |
|----------------------------------------|--------------------------------|

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**DELETE** /vlanPoolProfiles/{vlanPoolProfileId} ▾

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Get VLAN Pool

Use this API command to get the VLAN pool profile details.

### PATH PARAMETERS

|                                        |                                |
|----------------------------------------|--------------------------------|
| → <b>vlanPoolProfileId</b><br>required | string<br>VLAN Pool Profile ID |
|----------------------------------------|--------------------------------|

Responses

- > 200 OK
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

GET /vlanPoolProfiles/{vlanPoolProfileId}

Response samples

200 400 401 403 404 422 423 500

Content type

application/json

Copy Expand all Collapse all

```
{
  "description": "string",
  "id": "string",
  "name": "string",
  "vlanMembers": [
    "string"
  ]
}
```

Update VLAN Pool Profile

Use this API command to update a VLAN pool profile.

PATH PARAMETERS

→

vlanPoolProfileId

required

string

VLAN Pool Profile ID

REQUEST BODY SCHEMA:

application/json

required

→

description

string

[ 0 .. 64 ] characters

→

name

required

string

[ 1 .. 32 ] characters

→

vlanMembers

required

Array of strings

[ 0 .. 16 ] items

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

PUT

/vlanPoolProfiles/{vlanPoolProfileId}

Request samples

Payload

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "description": "string",
  "name": "string",
  "vlanMembers": [
    "string"
  ]
}
```

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

Deactivate VLAN Pool Profile On Wi-Fi Network

Use this API command to deactivate a VLAN pool profile on a Wi-Fi network.

PATH PARAMETERS

|



|                               |                                |
|-------------------------------|--------------------------------|
| wifiNetworkId<br>required     | string<br>Wi-Fi Network ID     |
| vlanPoolProfileId<br>required | string<br>VLAN Pool Profile ID |

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

DELETE

/wifiNetworks/{wifiNetworkId}/vlanPoolProfiles/{vlanPoolProfileId}

▼

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

▼

Copy

```
{
  "requestId": "string"
}
```

Activate VLAN Pool Profile On Wi-Fi Network

Use this API command to activate a VLAN pool profile on a Wi-Fi network.

PATH PARAMETERS

|                               |                                |
|-------------------------------|--------------------------------|
| wifiNetworkId<br>required     | string<br>Wi-Fi Network ID     |
| vlanPoolProfileId<br>required | string<br>VLAN Pool Profile ID |

Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /wifiNetworks/{wifiNetworkId}/vlanPoolProfiles/{vlanPoolProfileId} ▾

### Response samples

**202**

400

401

403

404

422

423

500

Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## LBS Server Profile

Manage location based service server profiles.

### Create Location Based Service Server Profile

Create a new location based service server profile.

REQUEST BODY SCHEMA: application/json ▾

required

|                                |                 |                                                  |                                                  |
|--------------------------------|-----------------|--------------------------------------------------|--------------------------------------------------|
| lbsServerVenueName<br>required | string          | [ 2 .. 16 ] characters                           | ^[a-zA-Z0-9-](?:[a-zA-Z0-9-]*[a-zA-Z0-9-])?\$... |
| name<br>required               | string          | [ 2 .. 32 ] characters                           |                                                  |
| password<br>required           | string          | [ 8 .. 64 ] characters                           |                                                  |
| serverAddress<br>required      | string          | ^[0-9A-Za-z]{1,63}(\.[0-9A-Za-z]{1,63})+\$(^(... | Show pattern                                     |
| serverPort<br>required         | integer <int32> | [ 1 .. 65535 ]                                   |                                                  |

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**POST** /lbsServerProfiles

### Request samples

#### Payload

Content type

application/json

Copy

```
{
  "lbsServerVenueName": "string",
  "name": "string",
  "password": "stringst",
  "serverAddress": "string",
  "serverPort": 1
}
```

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "requestId": "string",
  "response": {
    "id": "string"
  }
}
```

## Delete Location Based Service Server Profile

Delete a location based service server profile.

PATH PARAMETERS

→ lbsServerProfileId string  
required Location based service server profile ID

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

DELETE /lbsServerProfiles/{lbsServerProfileId} ▾

Response samples

202 400 401 403 404 422 423 500

Content type  
application/json ▾

Copy

```
{  
  "requestId": "string"  
}
```

Get Location Based Service Server Profile

Get the location based service server profile details.

PATH PARAMETERS

→ lbsServerProfileId string  
required Location based service server profile ID

Responses

- > 200 OK
- > 400 Bad/malformed request

- > **401** Not-authorized
- > **403** Forbidden
- > **404** Requested resource or related-entity not found
- > **422** Validation error
- > **423** Locked
- > **500** Internal Server Error

GET /lbsServerProfiles/{lbsServerProfileId}

Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "id": "string",
  "lbsServerVenueName": "string",
  "name": "string",
  "password": "stringst",
  "serverAddress": "string",
  "serverPort": 1
}
```

# Update Location Based Service Server Profile

Update a location based service server profile.

PATH PARAMETERS

lbsServerProfileId string  
required Location based service server profile ID

REQUEST BODY SCHEMA: application/json  
required

lbsServerVenueName string [ 2 .. 16 ] characters ^[a-zA-Z0-9-](?:[a-zA-Z0-9- ]\*[a-zA-Z0-9-])?\$...

name string [ 2 .. 32 ] characters

password string [ 8 .. 64 ] characters

serverAddress string ^[0-9A-Za-z]{1,63}(\.[0-9A-Za-z]{1,63})+\$(^(\... Show pattern

serverPort integer <int32> [ 1 .. 65535 ]

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

PUT

/lbsServerProfiles/{lbsServerProfileId}

Request samples

Payload

Content type

application/json

Copy

```
{  "lbsServerVenueName": "string",  "name": "string",  "password": "stringst",  "serverAddress": "string",  "serverPort": 1}
```

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{  "requestId": "string"}
```

Deactivate Location Based Service Server Profile On Venue

Deactivate location based service server profile on venue.

PATH PARAMETERS

|

|                                |                                                    |
|--------------------------------|----------------------------------------------------|
| venueId<br>required            | string<br>Venue ID                                 |
| lbsServerProfileId<br>required | string<br>Location based service server profile ID |

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

DELETE
/venues/{venueId}/lbsServerProfiles/{lbsServerProfileId}

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

Activate Location Based Service Server Profile On Venue

Activate location based service server profile on venue.

PATH PARAMETERS

|                                |                                                    |
|--------------------------------|----------------------------------------------------|
| venueId<br>required            | string<br>Venue ID                                 |
| lbsServerProfileId<br>required | string<br>Location based service server profile ID |

Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /venues/{venueId}/lbsServerProfiles/{lbsServerProfileId} ▼

#### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type

application/json ▼

Copy

```
{
  "requestId": "string"
}
```

## Application Library

Manage the current tenant's application library and settings.

### Get Application Library Categories

#### PATH PARAMETERS

— **applicationLibraryId** string  
required The ID (version) of the application library.

#### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found



> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /applicationLibraries/{applicationLibraryId}/categories

#### Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy Expand all Collapse all

```
{
  "categories": [
    + { ... }
  ]
}
```

## Get Application Library Applications

#### PATH PARAMETERS

|                      |                                              |
|----------------------|----------------------------------------------|
| applicationLibraryId | string                                       |
| required             | The ID (version) of the application library. |
| categoryId           | integer <int32>                              |
| required             | The ID of the application category.          |

#### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

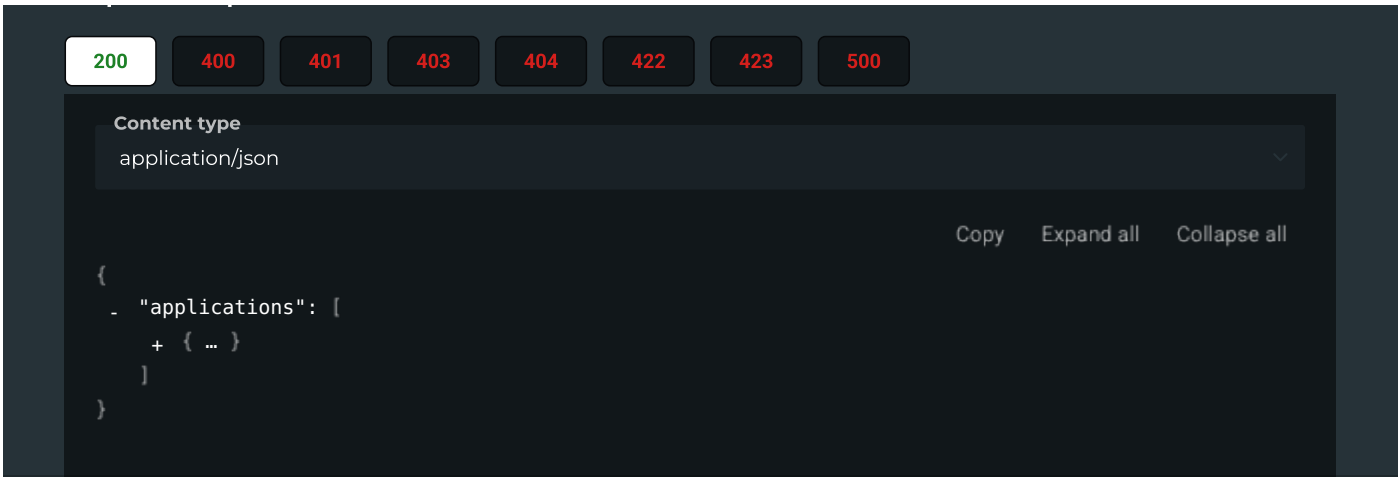
> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /applicationLibraries/{applicationLibraryId}/categories/{categoryId}/...

#### Response samples



## Get Application Library Settings

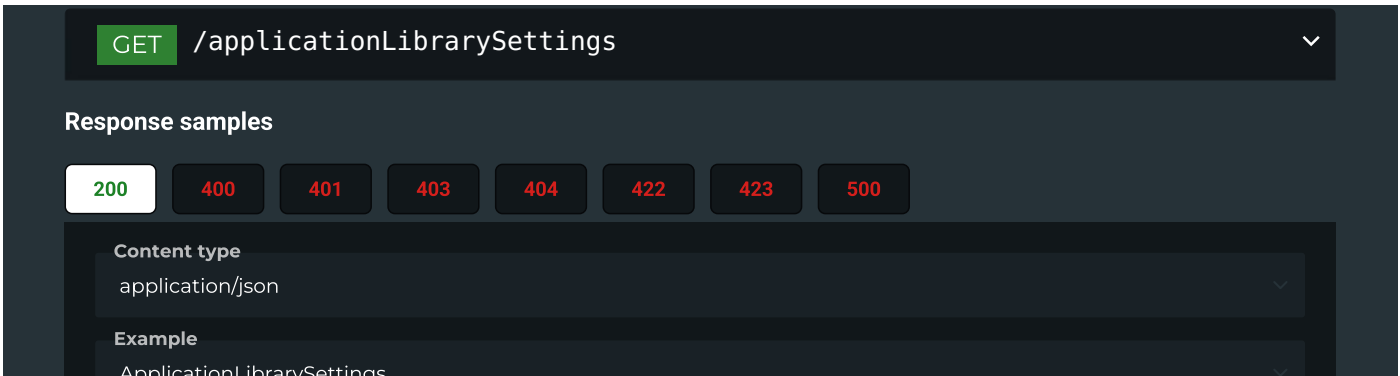
Use this API to get the current application library settings.

### QUERY PARAMETERS

|                 |                                                                                                           |
|-----------------|-----------------------------------------------------------------------------------------------------------|
| type            | string<br>Specify which type of changed application would be included in the response                     |
| changesIncluded | boolean<br>Default: <input type="checkbox"/> false<br>Include changed application information in response |

### Responses

- > 200 OK
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error



Copy Expand all Collapse all

```
{
  - "changedApplications": [
    + { ... }
  ],
  "latestReleasedDate": "2019-08-24T14:15:22Z",
  "latestVersion": "string",
  "releasedDate": "2019-08-24T14:15:22Z",
  "updatedAt": "2019-08-24T14:15:22Z",
  "version": "string"
}
```

## Patch Application Library Settings

Patch application library settings.

REQUEST BODY SCHEMA: application/json

required

|                     |                                       |
|---------------------|---------------------------------------|
| changedApplications | Array of objects (ChangedApplication) |
| latestReleasedDate  | string <date-time>                    |
| latestVersion       | string                                |
| releasedDate        | string <date-time>                    |
| updatedAt           | string <date-time>                    |
| version             | string                                |

## Responses

> 202 Accepted

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

PATCH /applicationLibrarySettings



## Request samples

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**POST** /wifiCallingServiceProfiles

### Request samples

#### Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "description": "string",
  "epdgs": [
    + { ... }
  ],
  "networkIds": [
    "string"
  ],
  "qosPriority": "WIFICALLING_PRI_VOICE",
  "serviceName": "string"
}
```

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Delete Wi-Fi Calling Service Profile

Delete a Wi-Fi calling service profile. Content-Type: "application/vnd.ruckus.v1+json" will be deprecated on 2024/09/01.

PATH PARAMETERS

→ wifiCallingServiceProfileId string  
required Wi-Fi Calling Service Profile ID

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

DELETE /wifiCallingServiceProfiles/{wifiCallingServiceProfileId}

Response samples

202

400

401

403

404

422

423

500

Content type  
application/json

Copy

```
{
  "requestId": "string"
}
```

# Get Wi-Fi Calling Service Profile

Get the Wi-Fi calling service profile details. Content-Type: "application/vnd.ruckus.v1+json" will be deprecated on 2024/09/01.

PATH PARAMETERS

→ wifiCallingServiceProfileId string  
required Wi-Fi calling profile ID

Responses

- > 200 OK
- > 400 Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /wifiCallingServiceProfiles/{wifiCallingServiceProfileId}

### Response samples

200

400

401

403

404

422

423

500

#### Content type

application/json

Copy Expand all Collapse all

```
{
  "description": "string",
  "epdgs": [
    + { ... }
  ],
  "id": "string",
  "networkIds": [
    "string"
  ],
  "qosPriority": "WIFICALLING_PRI_VOICE",
  "serviceName": "string"
}
```

## Update Wi-Fi Calling Service Profile

Update a Wi-Fi calling service profile. Content-Type: "application/vnd.ruckus.v1+json" will be deprecated on 2024/09/01.

### PATH PARAMETERS

→ wifiCallingServiceProfileId string  
required Wi-Fi Calling Service Profile ID

REQUEST BODY SCHEMA: application/json  
required

|                       |                                          |
|-----------------------|------------------------------------------|
| → description         | string [ 2 .. 180 ] characters           |
| → epdgs ><br>required | Array of objects (Epdg) [ 1 .. 5 ] items |
| → networkIds          | Array of strings<br>Deprecated           |
| → qosPriority         | string                                   |

Default: "WIFICALLING\_PRI\_VOICE"  
Enum: "WIFICALLING\_PRI\_VOICE" "WIFICALLING\_PRI\_VIDEO" "WIFICALLING\_PRI\_BE"  
"WIFICALLING\_PRI\_BG"

serviceName  
required

string (?=^((?!(`|\$\|))){2,32}\$)^(\\S.\*\\S)\$

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /wifiCallingServiceProfiles/{wifiCallingServiceProfileId}

### Request samples

#### Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "description": "string",
  "epdgs": [
    + { ... }
  ],
  "networkIds": [
    "string"
  ],
  "qosPriority": "WIFICALLING_PRI_VOICE",
  "serviceName": "string"
}
```

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type

application/json



```
{
  "requestId": "string"
}
```

## Deactivate Wi-Fi Calling Service Profile On Wi-Fi Network

Deactivate a Wi-Fi calling service profile on a Wi-Fi network.

### PATH PARAMETERS

|                             |                                  |
|-----------------------------|----------------------------------|
| wifiNetworkId               | string                           |
| required                    | Wi-Fi Network ID                 |
| wifiCallingServiceProfileId | string                           |
| required                    | Wi-Fi Calling Service Profile ID |

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**DELETE** /wifiNetworks/{wifiNetworkId}/wifiCallingServiceProfiles/{wifiCall... ▾

### Response samples

202

400

401

403

404

422

423

500

Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Activate Wi-Fi Calling Service Profile On Wi-Fi Network

Activate a Wi-Fi calling service profile on a Wi-Fi network.

#### PATH PARAMETERS

|                                         |                                            |
|-----------------------------------------|--------------------------------------------|
| wifiNetworkId<br>required               | string<br>Wi-Fi Network ID                 |
| wifiCallingServiceProfileId<br>required | string<br>Wi-Fi Calling Service Profile ID |

#### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /wifiNetworks/{wifiNetworkId}/wifiCallingServiceProfiles/{wifiCallin... ▾

#### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

#### Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## AP

Manage APs including pingging, trace-routing, resetting, rebooting, floor-plan positioning and LAN-Ports settings.

### Add AP with AP Group

Add a new AP with AP group.

#### PATH PARAMETERS

|                     |                     |
|---------------------|---------------------|
| venueId<br>required | string<br>Venue ID. |
| apGroupId           | string              |

|                                         |                                                          |
|-----------------------------------------|----------------------------------------------------------|
| <b>required</b>                         | AP Group ID.                                             |
| REQUEST BODY SCHEMA: application/json ▾ |                                                          |
| <b>required</b>                         |                                                          |
| description                             | string [ 0 .. 180 ] characters                           |
| deviceGps >                             | object (DeviceGps)<br>Ap or Venue latitude and longitude |
| model                                   | string [ 0 .. 64 ] characters<br>Default: "null"         |
| name<br><b>required</b>                 | string (?=^((?!` \\$\\()[ -_a-z~]){2,32}\$)^(\\S.*\\S)\$ |
| serialNumber<br><b>required</b>         | string ^[1-9][0-9]{11}\$                                 |
| tags                                    | Array of strings [ 0 .. 24 ] items                       |

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

POST

/venues/{venueId}/apGroups/{apGroupId}/aps

▾

Request samples

Payload

Content type

application/json ▾

Copy

Expand all

Collapse all

```
{
  "description": "string",
  "deviceGps": {
    "latitude": "string",
    "longitude": "string"
  },
  "model": "null",
  "name": "string",
```

```
  "serialNumber": "string",
  - "tags": [
    "string"
  ]
}
```

## Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  - "response": {
    "id": "string"
  }
}
```

## Move AP Into AP Group

Use this API to move AP into the AP group.

### PATH PARAMETERS

|                          |                                        |
|--------------------------|----------------------------------------|
| venueId<br>required      | string<br>Venue ID                     |
| apGroupId<br>required    | string<br>AP Group ID.                 |
| serialNumber<br>required | string<br>The serial number of the AP. |

## Responses

> 202 Accepted

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

PUT /venues/{venueId}/apGroups/{apGroupId}/aps/{serialNumber}

## Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Add AP or Import APs

Add a new AP or import a bunch of APs by a CSV file.

### PATH PARAMETERS

venueId  
required string  
The ID of the venue.

REQUEST BODY SCHEMA: application/json  
required

|                          |                                                          |
|--------------------------|----------------------------------------------------------|
| description              | string [ 0 .. 180 ] characters                           |
| deviceGps >              | object (DeviceGps)<br>Ap or Venue latitude and longitude |
| model                    | string [ 0 .. 64 ] characters<br>Default: "null"         |
| name<br>required         | string (?=^((?!` \\$\\()[ -_a-z~]){2,32}\$)^(\\S.*\\S)\$ |
| serialNumber<br>required | string ^[1-9][0-9]{11}\$                                 |
| tags                     | Array of strings [ 0 .. 24 ] items                       |

## Responses

> 202 Accepted

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

POST /venues/{venueId}/aps

### Request samples

#### Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "description": "string",
  "deviceGps": {
    "latitude": "string",
    "longitude": "string"
  },
  "model": "null",
  "name": "string",
  "serialNumber": "string",
  "tags": [
    "string"
  ]
}
```

### Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Example

EntityIdOperationResponse

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": {
    "id": "string"
  }
}
```

## Get Import Venue APs Results

Get result for import venue APs from CSV file.

#### PATH PARAMETERS

venueId  
required

string  
The ID of the venue.

#### QUERY PARAMETERS

|                                  |                                                             |
|----------------------------------|-------------------------------------------------------------|
| → operationRequestId<br>required | string<br>The request ID of the import venue APs operation. |
|----------------------------------|-------------------------------------------------------------|

Responses

- > 200 OK
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

GET /venues/{venueId}/aps/importResults

Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "downloadUrl": "string",
  "errors": [
    + { ... }
  ],
  "fileErrorCount": 0,
  "operationRequestId": "string"
}
```

Delete AP

Delete an AP.

PATH PARAMETERS

|                            |                                        |
|----------------------------|----------------------------------------|
| → venueId<br>required      | string<br>Venue ID.                    |
| → serialNumber<br>required | string<br>The serial number of the AP. |

QUERY PARAMETERS

→ resetFirmware

boolean

Default: `false`

Reset AP firmware to Standalone image.

Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**DELETE** /venues/{venueId}/aps/{serialNumber}

Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

Get AP

Get the AP general info.

PATH PARAMETERS

venueId  
*required*

string  
Venue ID.

serialNumber  
*required*

string  
The serial number of the AP.

Responses

> **200** OK



> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /venues/{venueId}/aps/{serialNumber}

### Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy Expand all Collapse all

```
{
  "description": "string",
  "deviceGps": {
    "latitude": "string",
    "longitude": "string"
  },
  "loginPassword": "string",
  "model": "null",
  "name": "string",
  "tags": [
    "string"
  ]
}
```

## Update AP

Update an AP.

### PATH PARAMETERS

|                          |                                        |
|--------------------------|----------------------------------------|
| venueId<br>required      | string<br>Venue ID.                    |
| serialNumber<br>required | string<br>The serial number of the AP. |

REQUEST BODY SCHEMA: application/json  
required

|             |                              |
|-------------|------------------------------|
| description | string [0 .. 180] characters |
|-------------|------------------------------|

|                  |                                                                            |
|------------------|----------------------------------------------------------------------------|
| deviceGps >      | object (DeviceGps)<br>Ap or Venue latitude and longitude                   |
| model            | string <span>[ 0 .. 64 ] characters</span><br>Default: <code>"null"</code> |
| name<br>required | string <code>(?=((?!` \\$\\()[ -_a~]){2,32}\$)^(\\S.*\\S)\$</code>         |
| tags             | Array of strings <span>[ 0 .. 24 ] items</span>                            |

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /venues/{venueId}/aps/{serialNumber}

### Request samples

#### Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "description": "string",
  "deviceGps": {
    "latitude": "string",
    "longitude": "string"
  },
  "model": "null",
  "name": "string",
  "tags": [
    "string"
  ]
}
```

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Get AP Antenna Type

Get AP antenna type settings.

### PATH PARAMETERS

|                          |                                        |
|--------------------------|----------------------------------------|
| venueId<br>required      | string<br>Venue ID                     |
| serialNumber<br>required | string<br>The serial number of the AP. |

### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /venues/{venueId}/aps/{serialNumber}/antennaTypeSettings

### Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "useVenueSettings": false
}
```

# Update AP Antenna Type

Update AP antenna type settings.

PATH PARAMETERS

|              |                              |
|--------------|------------------------------|
| venueId      | string                       |
| required     | Venue ID                     |
| serialNumber | string                       |
| required     | The serial number of the AP. |

REQUEST BODY SCHEMA: application/json ▼  
required

|                  |                |
|------------------|----------------|
| useVenueSettings | boolean        |
|                  | Default: false |

## Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

PUT /venues/{venueId}/aps/{serialNumber}/antennaTypeSettings ▼

Request samples

Payload

Content type

application/json ▼

Copy

```
{
  "useVenueSettings": false
}
```

Response samples

- 202
- 400
- 401
- 403
- 404
- 422
- 423
- 500

Content type  
application/json

Copy

```
{  
  "requestId": "string"  
}
```

## Get AP Basic Service Set Coloring Settings

Get basic service set coloring settings of this AP.

### PATH PARAMETERS

|                          |                                       |
|--------------------------|---------------------------------------|
| venueId<br>required      | string<br>Venue ID.                   |
| serialNumber<br>required | string<br>The serial number of the AP |

### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /venues/{venueId}/aps/{serialNumber}/bssColoringSettings

### Response samples

200

400

401

403

404

422

423

500

Content type  
application/json

Copy

```
{  
  "bssColoringEnabled": false,  
  "useVenueSettings": false  
}
```

# Update AP Basic Service Set Coloring Settings

Update basic service set coloring settings of this AP.

## PATH PARAMETERS

|                          |                                       |
|--------------------------|---------------------------------------|
| venueId<br>required      | string<br>Venue ID.                   |
| serialNumber<br>required | string<br>The serial number of the AP |

REQUEST BODY SCHEMA: application/json ▼  
required

|                    |                           |
|--------------------|---------------------------|
| bssColoringEnabled | boolean<br>Default: false |
| useVenueSettings   | boolean<br>Default: false |

## Responses

> 202 Accepted

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

PUT /venues/{venueId}/aps/{serialNumber}/bssColoringSettings ▼

## Request samples

Payload

Content type

application/json ▼

Copy

```
{
  "bssColoringEnabled": false,
  "useVenueSettings": false
}
```

## Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Get AP Capabilities

### PATH PARAMETERS

|                          |                                        |
|--------------------------|----------------------------------------|
| venueId<br>required      | string<br>Venue ID.                    |
| serialNumber<br>required | string<br>The serial number of the AP. |

### Responses

> 200 OK

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

GET

/venues/{venueId}/aps/{serialNumber}/capabilities

▼

## Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "allowCbandCountry": [
    "string"
  ],
}
```

```
- "allowDfsCountry": [
    "string"
],
- "bandCombinationCapabilities": [
    "DUAL"
],
"canSupportCellular": false,
"canSupportLacp": false,
"canSupportPoeMode": false,
"canSupportPoeOut": false,
"capabilityScore": 0,
"defaultBandCombination": "DUAL",
- "externalAntenna": {
    "coupled": false,
    "enable24G": false,
    "enable50G": false,
    "gain24G": 60,
    "gain50G": 60,
    "supportDisable": false
},
"has160MHzChannelBandwidth": false,
"isOutdoor": false,
"lanPortPictureDownloadUrl": "string",
- "lanPorts": [
    + { ... }
],
"ledOn": false,
"lldpAdInterval": 0,
"lldpEnable": false,
"lldpHoldTime": 0,
"lldpMgmtEnable": false,
"maxChannelization24G": 0,
"maxChannelization5G": 0,
"maxChannelization6G": 0,
"model": "string",
"pictureDownloadUrl": "string",
- "poeModeCapabilities": [
    "string"
],
"primaryWanRecoveryTimer": 0,
"requireOneEnabledTrunkPort": false,
"simCardPrimaryApn": "string",
"simCardPrimaryCellularNetworkSelection": "string",
"simCardPrimaryEnabled": true,
"simCardPrimaryRoaming": true,
"simCardSecondaryApn": "string",
"simCardSecondaryCellularNetworkSelection": "string",
"simCardSecondaryEnabled": true,
"simCardSecondaryRoaming": true,
"support11AX": false,
"supportApStickyClientSteering": false,
"supportBandCombination": false,
"supportChannel144": false,

"supportDual5gMode": false,
"supportMesh": true,
"supportTriRadio": false,
"version": "string",
"wanConnection": "string"
```



# Get AP DHCP Settings

Get DHCP settings by AP serial number.

PATH PARAMETERS

|                          |                                        |
|--------------------------|----------------------------------------|
| venueId<br>required      | string<br>Venue ID.                    |
| serialNumber<br>required | string<br>The serial number of the AP. |

Responses

- > 200 OK
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

GET /venues/{venueId}/aps/{serialNumber}/dhcpSettings

Response samples

200400401403404422423500

Content type

application/json

{  
  "dhcpApRole": "PrimaryServer",  
  "serialNumber": "stringstring"  
}

Copy

# Trigger AP Diagnosis Commands

Trigger diagnosis commands for the AP.

PATH PARAMETERS

|

|                          |                                        |
|--------------------------|----------------------------------------|
| venueId<br>required      | string<br>Venue ID.                    |
| serialNumber<br>required | string<br>The serial number of the AP. |

REQUEST BODY SCHEMA: application/json ▼

required

|                  |                                                                                                    |
|------------------|----------------------------------------------------------------------------------------------------|
| targetHost       | string <code>^( (22[0-3] 2[0-1][0-9] 1[0-9][0-9] [1-9][0-9]...</code> <a href="#">Show pattern</a> |
| type<br>required | string or null<br>Enum: <code>"PING"</code> <code>"TRACE_ROUTE"</code> <code>"BLINK_LED"</code>    |

Responses

- > 200 OK
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

PATCH

/venues/{venueId}/aps/{serialNumber}/diagnosisCommands

▼

Request samples

Payload

Content type

application/json

▼

Copy

```
{
  "targetHost": "string",
  "type": "PING"
}
```

Response samples

200

400

401

403

404

422

423

500

Content type

application/json

▼

CopyExpand allCollapse all

```
{
  "requestId": "string",
  "response": {
    "response": "string"
  }
}
```

## Get AP Directed Multicast Settings

Get directed multicast settings for this AP.

PATH PARAMETERS

|                          |                                        |
|--------------------------|----------------------------------------|
| venueId<br>required      | string<br>Venue ID.                    |
| serialNumber<br>required | string<br>The serial number of the AP. |

Responses

- > 200 OK
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

GET /venues/{venueId}/aps/{serialNumber}/directedMulticastSettings

Response samples

200400401403404422423500

Content type  
application/json

```
{
  "networkEnabled": false,
  "useVenueSettings": false,
  "wiredEnabled": false,
  "wirelessEnabled": false
}
```

Copy

## Update AP Directed Multicast Settings

Update directed multicast settings of this AP.

### PATH PARAMETERS

|                                 |                                        |
|---------------------------------|----------------------------------------|
| <b>venueId</b><br>required      | string<br>Venue ID.                    |
| <b>serialNumber</b><br>required | string<br>The serial number of the AP. |

REQUEST BODY SCHEMA: application/json   
required

|                         |                                                            |
|-------------------------|------------------------------------------------------------|
| <b>networkEnabled</b>   | boolean<br>Default: <input type="checkbox" value="false"/> |
| <b>useVenueSettings</b> | boolean<br>Default: <input type="checkbox" value="false"/> |
| <b>wiredEnabled</b>     | boolean<br>Default: <input type="checkbox" value="false"/> |
| <b>wirelessEnabled</b>  | boolean<br>Default: <input type="checkbox" value="false"/> |

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /venues/{venueId}/aps/{serialNumber}/directedMulticastSettings 

### Request samples

Payload

Content type  
application/json 

Copy

```
{
  "networkEnabled": false,
  "useVenueSettings": false,
  "wiredEnabled": false,
  "wirelessEnabled": false
}
```

## Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Get AP External Antenna Settings

Get AP external antenna settings.

### PATH PARAMETERS

|                          |                                        |
|--------------------------|----------------------------------------|
| venueId<br>required      | string<br>Venue ID.                    |
| serialNumber<br>required | string<br>The serial number of the AP. |

## Responses

> 200 OK

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

GET /venues/{venueId}/aps/{serialNumber}/externalAntennaSettings

## Response samples

200

400

401

403

404

422

423

500

### Content type

application/json

Copy Expand all Collapse all

```
{
  "externalAntenna": {
    "coupled": false,
    "enable24G": false,
    "enable50G": false,
    "gain24G": 60,
    "gain50G": 60,
    "supportDisable": false
  },
  "useVenueSettings": false
}
```

## Update AP External Antenna Settings

Update external antenna settings of an AP.

### PATH PARAMETERS

|              |                              |
|--------------|------------------------------|
| venueId      | string                       |
| required     | Venue ID.                    |
| serialNumber | string                       |
| required     | The serial number of the AP. |

REQUEST BODY SCHEMA: application/json ▼  
required

|                   |                                                       |
|-------------------|-------------------------------------------------------|
| externalAntenna > | object (ExternalAntenna)<br>External antenna settings |
| useVenueSettings  | boolean<br>Default: false                             |

## Responses

> 202 Accepted

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /venues/{venueId}/aps/{serialNumber}/externalAntennaSettings

Request samples

Payload

Content type  
application/json

Copy Expand all Collapse all

```
{
  "externalAntenna": {
    "coupled": false,
    "enable24G": false,
    "enable50G": false,
    "gain24G": 60,
    "gain50G": 60,
    "supportDisable": false
  },
  "useVenueSettings": false
}
```

Response samples

202

400

401

403

404

422

423

500

Content type  
application/json

Copy

```
{
  "requestId": "string"
}
```

Get AP IoT Settings

Get the IoT settings of this AP.

PATH PARAMETERS

|              |                              |
|--------------|------------------------------|
| venueId      | string                       |
| required     | Venue ID.                    |
| serialNumber | string                       |
| required     | The serial number of the AP. |

Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /venues/{venueId}/aps/{serialNumber}/iotSettings

### Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "useVenueSettings": false
}
```

## Update AP IoT Settings

Update the IoT settings of this AP.

### PATH PARAMETERS

|              |                             |
|--------------|-----------------------------|
| venueId      | string                      |
| required     | Venue ID.                   |
| serialNumber | string                      |
| required     | The serial number of the AP |

REQUEST BODY SCHEMA: application/json ☐  
required

|                  |                                                        |
|------------------|--------------------------------------------------------|
| useVenueSettings | boolean                                                |
|                  | Default: <input type="checkbox"/> false                |
|                  | True if using venue settings (overriding AP settings). |

### Responses

> **202** Accepted



> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /venues/{venueId}/aps/{serialNumber}/iotSettings

### Request samples

#### Payload

Content type

application/json

Copy

```
{
  "useVenueSettings": false
}
```

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Get AP LED

Get AP LED settings.

### PATH PARAMETERS

venueId  
required

string  
Venue ID.

serialNumber  
required

string  
The serial number of the AP.

### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /venues/{venueId}/aps/{serialNumber}/ledSettings

### Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "ledEnabled": false,
  "useVenueSettings": false
}
```

## Update AP LED

Update LED of an AP.

### PATH PARAMETERS

|              |                              |
|--------------|------------------------------|
| venueId      | string                       |
| required     | Venue ID.                    |
| serialNumber | string                       |
| required     | The serial number of the AP. |

REQUEST BODY SCHEMA: application/json ▼  
required

|                  |                |
|------------------|----------------|
| ledEnabled       | boolean        |
|                  | Default: false |
| useVenueSettings | boolean        |
|                  | Default: false |

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

PUT /venues/{venueId}/aps/{serialNumber}/ledSettings

### Request samples

#### Payload

Content type

application/json

Copy

```
{
  "ledEnabled": false,
  "useVenueSettings": false
}
```

### Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Get the AP Log Info

Get the AP log info.

### PATH PARAMETERS

venueId  
required

string  
The ID of the venue.

serialNumber  
required

string  
The serial number of the AP.

Responses

- > 200 OK
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

GET /venues/{venueId}/aps/{serialNumber}/logs

Response samples

200 400 401 403 404 422 423 500

Content type

application/json

Copy

```
{
  "fileUrl": "string"
}
```

Get AP Management Traffic VLAN Settings

Get the AP management traffic VLAN settings of this AP.

| PATH PARAMETERS |        |                              |
|-----------------|--------|------------------------------|
| venueId         | string | Venue ID.                    |
| serialNumber    | string | The serial number of the AP. |

Responses

- > 200 OK
- > 400 Bad/malformed request
- > 401 Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /venues/{venueId}/aps/{serialNumber}/managementTrafficVlanSettings

### Response samples

200

400

401

403

404

422

423

500

Content type: application/json

Copy

```
{
  "useVenueSettings": false,
  "vlanId": 1
}
```

## Update AP Management Traffic VLAN Settings

Update the AP management traffic VLAN settings of this AP.

### PATH PARAMETERS

|                          |                                       |
|--------------------------|---------------------------------------|
| venueId<br>required      | string<br>Venue ID.                   |
| serialNumber<br>required | string<br>The serial number of the AP |

REQUEST BODY SCHEMA: application/json  
required

|                  |                                             |
|------------------|---------------------------------------------|
| useVenueSettings | boolean<br>Default: false                   |
| vlanId           | integer <int32> [ 1 .. 4094 ]<br>Default: 1 |

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

PUT /venues/{venueId}/aps/{serialNumber}/managementTrafficVlanSettings

### Request samples

#### Payload

Content type

application/json

Copy

```
{
  "useVenueSettings": false,
  "vlanId": 1
}
```

### Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Get AP Mesh Settings

Get mesh settings for this AP.

### PATH PARAMETERS

venueId  
required

string  
Venue ID.

serialNumber  
required

string  
The serial number of the AP.

### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /venues/{venueId}/aps/{serialNumber}/meshSettings

### Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy Expand all Collapse all

```
{
  "meshMode": "AUTO",
  "uplinkMacAddresses": [
    "string"
  ],
  "uplinkMode": "SMART"
}
```

## Update AP Mesh Settings

Update mesh settings of this AP.

### PATH PARAMETERS

|              |                              |
|--------------|------------------------------|
| venueId      | string                       |
| required     | Venue ID.                    |
| serialNumber | string                       |
| required     | The serial number of the AP. |

REQUEST BODY SCHEMA: application/json ▼  
required

|                    |                                       |
|--------------------|---------------------------------------|
| meshMode           | string                                |
|                    | Default: "AUTO"                       |
|                    | Enum: "AUTO" "ROOT" "MESH" "DISABLED" |
| uplinkMacAddresses | Array of strings                      |
| uplinkMode         | string                                |
|                    | Default: "SMART"                      |
|                    | Enum: "SMART" "MANUAL"                |

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

PUT

/venues/{venueId}/aps/{serialNumber}/meshSettings

▼

Request samples

Payload

Content type

application/json

▼

Copy

Expand all

Collapse all

```
{
  "meshMode": "AUTO",
  "uplinkMacAddresses": [
    "string"
  ],
  "uplinkMode": "SMART"
}
```

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

▼

Copy

```
{
  "requestId": "string"
}
```

Patch AP Neighbors

Ask AP to collect neighbors.

PATH PARAMETERS

|



|                          |                                        |
|--------------------------|----------------------------------------|
| venueId<br>required      | string<br>The ID of the venue.         |
| serialNumber<br>required | string<br>The serial number of the AP. |

REQUEST BODY SCHEMA: application/json

|                    |                                                       |
|--------------------|-------------------------------------------------------|
| status<br>required | string or null<br>Value: "CURRENT"                    |
| type<br>required   | string or null<br>Enum: "RF_NEIGHBOR" "LLDP_NEIGHBOR" |

## Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

PATCH /venues/{venueId}/aps/{serialNumber}/neighbors

Request samples

Payload

Content type  
application/json

Copy

{  
 "status": "CURRENT",  
 "type": "RF\_NEIGHBOR"  
}

Response samples

202

400

401

403

404

422

423

500

Content type  
application/json

Copy

```
{
  "requestId": "string"
}
```

## Query AP Neighbors

Query the AP's neighbors.

### PATH PARAMETERS

|                          |                                        |
|--------------------------|----------------------------------------|
| venueId<br>required      | string<br>The ID of the venue.         |
| serialNumber<br>required | string<br>The serial number of the AP. |

REQUEST BODY SCHEMA: application/json ▼  
required

|           |                                          |
|-----------|------------------------------------------|
| filters > | Array of objects (ApNeighborQueryFilter) |
| page      | integer <int32><br>Default: 1            |
| pageSize  | integer <int32><br>Default: 25           |
| sortField | string                                   |
| sortOrder | string or null<br>Enum: "ASC" "DESC"     |

### Responses

|                                                      |
|------------------------------------------------------|
| > 200 OK                                             |
| > 400 Bad/malformed request                          |
| > 401 Not-authorized                                 |
| > 403 Forbidden                                      |
| > 404 Requested resource or related-entity not found |
| > 422 Validation error                               |
| > 423 Locked                                         |
| > 500 Internal Server Error                          |

**POST** /venues/{venueId}/aps/{serialNumber}/neighbors/query ▼

### Request samples

Payload

Content type

application/json

CopyExpand allCollapse all

```
{
  "filters": [
    + { ... }
  ],
  "page": 1,
  "pageSize": 25,
  "sortField": "string",
  "sortOrder": "ASC"
}
```

Response samples

200

400

401

403

404

422

423

500

Content type

application/json

CopyExpand allCollapse all

```
{
  "neighbors": [
    + { ... }
  ],
  "page": 0,
  "totalCount": 0,
  "totalPages": 0
}
```

## Get AP Network Settings

Get network settings for this AP.

| PATH PARAMETERS |              |                              |
|-----------------|--------------|------------------------------|
|                 | venueId      | string                       |
|                 | required     | Venue ID.                    |
|                 | serialNumber | string                       |
|                 | required     | The serial number of the AP. |

### Responses

|                             |
|-----------------------------|
| > 200 OK                    |
| > 400 Bad/malformed request |
|                             |

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /venues/{venueId}/aps/{serialNumber}/networkSettings

### Response samples

200

400

401

403

404

422

423

500

#### Content type

application/json

Copy

```
{
  "gateway": "string",
  "ip": "string",
  "ipType": "DYNAMIC",
  "netmask": "string",
  "primaryDnsServer": "string",
  "secondaryDnsServer": "string"
}
```

## Update AP Network Settings

Update network settings of this AP.

### PATH PARAMETERS

|                          |                                        |
|--------------------------|----------------------------------------|
| venueId<br>required      | string<br>Venue ID.                    |
| serialNumber<br>required | string<br>The serial number of the AP. |

REQUEST BODY SCHEMA: application/json  
required

|                    |                                            |                                                                   |
|--------------------|--------------------------------------------|-------------------------------------------------------------------|
| gateway            | string                                     | ^(?:(:?25[0-5] 2[0-4][0-9] 1[0-9][0-9] [1-9][...])\$ Show pattern |
| ip                 | string                                     | ^(?:(:?25[0-5] 2[0-4][0-9] 1[0-9][0-9] [1-9][...])\$ Show pattern |
| ipType<br>required | string or null<br>Enum: "DYNAMIC" "STATIC" |                                                                   |
| netmask            | string                                     | ^(?:(:?255\.){3}(:?252 248 240 224 192 128...)\$ Show pattern     |
| primaryDnsServer   | string                                     | ^(?:(:?25[0-5] 2[0-4][0-9] 1[0-9][0-9] [1-9][...])\$ Show pattern |

secondaryDnsServer

string `^(?:([0-5]|2[0-4]|1[0-9]|1[0-9]|1[0-9])...` Show pattern

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /venues/{venueId}/aps/{serialNumber}/networkSettings

### Request samples

Payload

Content type  
application/json

Copy

```
{
  "gateway": "string",
  "ip": "string",
  "ipType": "DYNAMIC",
  "netmask": "string",
  "primaryDnsServer": "string",
  "secondaryDnsServer": "string"
}
```

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type  
application/json

Copy

```
{
  "requestId": "string"
}
```

Get AP Packets

Get the AP packet capture result.

PATH PARAMETERS

|                          |                                        |
|--------------------------|----------------------------------------|
| venueId<br>required      | string<br>The ID of the venue.         |
| serialNumber<br>required | string<br>The serial number of the AP. |

Responses

- > 200 OK
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

GET

/venues/{venueId}/aps/{serialNumber}/packets

▼

Response samples

200

400

401

403

404

422

423

500

Content type

application/json

▼

{  
 "errorMsg": "string",  
 "fileName": "string",  
 "fileUrl": "string",  
 "sessionId": "string",  
 "state": "IDLE"  
}

Copy

Patch AP Packets

To start or stop the AP packet capture.

PATH PARAMETERS

|                     |        |
|---------------------|--------|
| venueId<br>required | string |
|---------------------|--------|

|                          |                                        |
|--------------------------|----------------------------------------|
|                          | The ID of the venue.                   |
| serialNumber<br>required | string<br>The serial number of the AP. |

REQUEST BODY SCHEMA: application/json  
required

|                  |                                                                                                                                             |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| action           | string or null<br>Enum: "START" "STOP"                                                                                                      |
| captureInterface | string or null<br>Enum: "RADIO24" "RADIO50" "RADIO50UPPER" "RADIO50LOWER" "RADIO60" "ETH0" "ETH1" "ETH2" "ETH3" "ETH4" "ETH5" "ETH6" "ETH7" |
| frameTypeFilter  | Array of strings<br>Items Enum: "MANAGEMENT" "CONTROL" "DATA"                                                                               |
| macAddressFilter | string                                                                                                                                      |
| sessionId        | string                                                                                                                                      |

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 409 Conflict [WIFI-10477: "Duplicate sessionId exists"]
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

PATCH /venues/{venueId}/aps/{serialNumber}/packets

Request samples

Payload

Content type  
application/json

Copy Expand all Collapse all

```
{
  "action": "START",
  "captureInterface": "RADIO24",
  "frameTypeFilter": [
```

```
    "MANAGEMENT"
  },
  "macAddressFilter": "string",
  "sessionId": "string"
}
```

## Response samples

202

400

401

403

404

409

422

423

500

### Content type

application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": {
    "sessionId": "string"
  }
}
```

## Delete AP Pictures

Delete the AP's pictures.

### PATH PARAMETERS

|                          |                                        |
|--------------------------|----------------------------------------|
| venueId<br>required      | string<br>The ID of the venue.         |
| serialNumber<br>required | string<br>The serial number of the AP. |

## Responses

> 202 Accepted

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

DELETE /venues/{venueId}/aps/{serialNumber}/pictures



## Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Get AP Pictures

Get the AP's pictures.

### PATH PARAMETERS

|                          |                                        |
|--------------------------|----------------------------------------|
| venueId<br>required      | string<br>The ID of the venue.         |
| serialNumber<br>required | string<br>The serial number of the AP. |

## Responses

> 200 OK

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

GET /venues/{venueId}/aps/{serialNumber}/pictures

## Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

```
id : null ,
"name": "null",
"url": "string"
}
```

## Update AP Pictures

Update the AP's pictures.

### PATH PARAMETERS

|                          |                                        |
|--------------------------|----------------------------------------|
| venueId<br>required      | string<br>The ID of the venue.         |
| serialNumber<br>required | string<br>The serial number of the AP. |

### REQUEST BODY SCHEMA: multipart/form-data

|                  |                 |
|------------------|-----------------|
| file<br>required | string <binary> |
|------------------|-----------------|

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /venues/{venueId}/aps/{serialNumber}/pictures

### Response samples

**202**

400

401

403

404

422

423

500

#### Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

# Get AP Radio

Get AP radio details.

PATH PARAMETERS

|                          |                                        |
|--------------------------|----------------------------------------|
| venueId<br>required      | string<br>Venue ID.                    |
| serialNumber<br>required | string<br>The serial number of the AP. |

## Responses

- > 200 OK
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

GET /venues/{venueId}/aps/{serialNumber}/radioSettings

Response samples

200400401403404422423500

Content type  
application/json

CopyExpand allCollapse all

```
{
  - "apRadioParams24G": {
    + "allowedChannels": [ ... ],
    "changeInterval": 33,
    "channelBandwidth": "AUTO",
    "manualChannel": 0,
    "method": "MANUAL",
    "operativeChannel": 0,
    "operativeTxPower": "string",
    "snr_dB": 0,
    "txPower": "Auto",
    "useVenueSettings": false
  },
  - "apRadioParams50G": {
    + "allowedChannels": [ ... ],
```

```

        "changeInterval": 33,
        "channelBandwidth": "AUTO",
        "manualChannel": 0,
        "method": "MANUAL",
        "operativeChannel": 0,
        "operativeTxPower": "string",
        "snr_dB": 0,
        "txPower": "Auto",
        "useVenueSettings": false
    },
    - "apRadioParams6G": {
        + "allowedChannels": [ ... ],
        "bssMinRate6G": "HE_MCS_0",
        "changeInterval": 33,
        "channelBandwidth": "AUTO",
        "channelBandwidth320MhzGroup": "AUTO",
        "enableAfc": false,
        "enableMulticastDownlinkRateLimiting": false,
        "enableMulticastUplinkRateLimiting": false,
        "manualChannel": 0,
        "method": "MANUAL",
        "mgmtTxRate6G": "6",
        "multicastDownlinkRateLimiting": 1,
        "multicastUplinkRateLimiting": 1,
        "operativeChannel": 0,
        "operativeTxPower": "string",
        "snr_dB": 0,
        "txPower": "MAX",
        "useVenueSettings": false
    },
    - "apRadioParamsDual5G": {
        "enabled": false,
        "lower5gEnabled": false,
        + "radioParamsLower5G": { ... },
        + "radioParamsUpper5G": { ... },
        "upper5gEnabled": false,
        "useVenueEnabled": false
    },
    "enable24G": true,
    "enable50G": true,
    "enable6G": false
}

```

# Update AP Radio

Update an AP radio settings.

## PATH PARAMETERS

|                          |                                        |
|--------------------------|----------------------------------------|
| venueId<br>required      | string<br>Venue ID.                    |
| serialNumber<br>required | string<br>The serial number of the AP. |

REQUEST BODY SCHEMA: application/json   
required

|                       |                                                                                  |
|-----------------------|----------------------------------------------------------------------------------|
| apRadioParams24G >    | object (ApRadio24GHzSettings)<br>AP radio customization for 2.4GHz.              |
| apRadioParams50G >    | object (ApRadio5GHzSettings)<br>AP radio customization for 5GHz.                 |
| apRadioParams6G >     | object (ApRadio6GHzSettings)<br>AP radio customization for 6GHz.                 |
| apRadioParamsDual5G > | object (ApRadioDual5GHzSettings)<br>AP radio customization for dual 5GHz radios. |
| enable24G             | boolean<br>Default: <input type="checkbox"/> true                                |
| enable50G             | boolean<br>Default: <input type="checkbox"/> true                                |
| enable6G              | boolean<br>Default: <input type="checkbox"/> false                               |

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

## Request samples

## Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  - "apRadioParams24G": {
    + "allowedChannels": [ ... ],
    "changeInterval": 33,
    "channelBandwidth": "AUTO",
    "manualChannel": 0,
    "method": "MANUAL",
    "txPower": "Auto",
    "useVenueSettings": false
  },
  - "apRadioParams50G": {
    + "allowedChannels": [ ... ],
    "changeInterval": 33,
    "channelBandwidth": "AUTO",
    "manualChannel": 0,
    "method": "MANUAL",
    "operativeChannel": 0,
    "operativeTxPower": "string",
    "snr_dB": 0,
    "txPower": "Auto",
    "useVenueSettings": false
  },
  - "apRadioParams6G": {
    + "allowedChannels": [ ... ],
    "bssMinRate6G": "HE_MCS_0",
    "changeInterval": 33,
    "channelBandwidth": "AUTO",
    "channelBandwidth320MhzGroup": "AUTO",
    "enableAfc": false,
    "enableMulticastDownlinkRateLimiting": false,
    "enableMulticastUplinkRateLimiting": false,
    "manualChannel": 0,
    "mgmtTxRate6G": "6",
    "multicastDownlinkRateLimiting": 1,
    "multicastUplinkRateLimiting": 1,
    "txPower": "MAX",
    "useVenueSettings": false
  },
  - "apRadioParamsDual5G": {
    "enabled": false,
    "lower5gEnabled": false,
    + "radioParamsLower5G": { ... },
    + "radioParamsUpper5G": { ... },
    "upper5gEnabled": false,
    "useVenueEnabled": false
  },
  "enable24G": true,
  "enable50G": true,
```

```
"enable6G": false
}
```

### Response samples

202

400

401

403

404

422

423

500

#### Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Get AP Smart Monitor Settings

Get the smart monitor settings of this AP.

### PATH PARAMETERS

|                          |                                        |
|--------------------------|----------------------------------------|
| venueId<br>required      | string<br>Venue ID.                    |
| serialNumber<br>required | string<br>The serial number of the AP. |

### Responses

> 200 OK

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

GET /venues/{venueId}/aps/{serialNumber}/smartMonitorSettings

### Response samples

200

400

401

403

404

422

423

500

Content type  
application/json

Copy

```
{
  "enabled": false,
  "interval": 10,
  "threshold": 3,
  "useVenueSettings": false
}
```

## Update AP Smart Monitor Settings

Update the smart monitor settings of this AP.

### PATH PARAMETERS

|                          |                                       |
|--------------------------|---------------------------------------|
| venueId<br>required      | string<br>Venue ID.                   |
| serialNumber<br>required | string<br>The serial number of the AP |

REQUEST BODY SCHEMA: application/json  
required

|                  |                                                                                                                               |
|------------------|-------------------------------------------------------------------------------------------------------------------------------|
| enabled          | boolean<br>Default: false                                                                                                     |
| interval         | integer <int32> [ 5 .. 60 ]<br>Default: 10<br>The interval how often smart monitor checks uplink status, measured by seconds. |
| threshold        | integer <int32> [ 1 .. 10 ]<br>Default: 3<br>The retry threshold for turning off the WLANs.                                   |
| useVenueSettings | boolean<br>Default: false<br>True if using venue settings (overriding AP settings).                                           |

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error



> **423** Locked

> **500** Internal Server Error

PUT /venues/{venueId}/aps/{serialNumber}/smartMonitorSettings

### Request samples

#### Payload

Content type

application/json

Copy

```
{
  "enabled": false,
  "interval": 10,
  "threshold": 3,
  "useVenueSettings": false
}
```

### Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Reset AP Sticky Client Steering Settings

Reset the sticky client steering settings of this AP to use the venue's settings.

### PATH PARAMETERS

|              |                             |
|--------------|-----------------------------|
| venueId      | string                      |
| required     | Venue ID.                   |
| serialNumber | string                      |
| required     | The serial number of the AP |

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

- > **403** Forbidden
- > **404** Requested resource or related-entity not found
- > **422** Validation error
- > **423** Locked
- > **500** Internal Server Error

**DELETE** /venues/{venueId}/aps/{serialNumber}/stickyClientSteeringSettings ▾

### Response samples

**202** 400 401 403 404 422 423 500

Content type  
application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Get AP Sticky Client Steering Settings

Get the sticky client steering settings of this AP.

### PATH PARAMETERS

|                          |                                        |
|--------------------------|----------------------------------------|
| venueId<br>required      | string<br>Venue ID.                    |
| serialNumber<br>required | string<br>The serial number of the AP. |

### Responses

- > **200** OK
- > **400** Bad/malformed request
- > **401** Not-authorized
- > **403** Forbidden
- > **404** Requested resource or related-entity not found
- > **422** Validation error
- > **423** Locked

> **500** Internal Server Error

GET /venues/{venueId}/aps/{serialNumber}/stickyClientSteeringSettings

### Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "enabled": false,
  "neighborApPercentageThreshold": 20,
  "snrThreshold": 15,
  "useVenueSettings": false
}
```

## Update AP Sticky Client Steering Settings

Update the sticky client steering settings of this AP.

### PATH PARAMETERS

|              |                             |
|--------------|-----------------------------|
| venueId      | string                      |
| required     | Venue ID.                   |
| serialNumber | string                      |
| required     | The serial number of the AP |

REQUEST BODY SCHEMA: application/json

required

|                               |                                            |
|-------------------------------|--------------------------------------------|
| enabled                       | boolean                                    |
|                               | Default: false                             |
|                               | True if sticky client steering is enabled. |
| neighborApPercentageThreshold | integer <int32> [ 10 .. 40 ]               |
|                               | Default: 20                                |
| snrThreshold                  | integer <int32> [ 5 .. 30 ]                |
|                               | Default: 15                                |

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /venues/{venueId}/aps/{serialNumber}/stickyClientSteeringSettings

### Request samples

#### Payload

Content type

application/json

Copy

```
{
  "enabled": false,
  "neighborApPercentageThreshold": 20,
  "snrThreshold": 15
}
```

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Trigger AP System Commands

Trigger system commands for the AP.

#### PATH PARAMETERS

|                          |                                        |
|--------------------------|----------------------------------------|
| venueId<br>required      | string<br>Venue ID.                    |
| serialNumber<br>required | string<br>The serial number of the AP. |

REQUEST BODY SCHEMA: application/json  
required

|                  |                                                  |
|------------------|--------------------------------------------------|
| type<br>required | string or null<br>Enum: "REBOOT" "FACTORY_RESET" |
|------------------|--------------------------------------------------|

## Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PATCH** /venues/{venueId}/aps/{serialNumber}/systemCommands

### Request samples

#### Payload

Content type

application/json

Copy

```
{
  "type": "REBOOT"
}
```

### Response samples

**200**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type

application/json

Copy

```
{ }
```

## Get AP USB Port

Get AP USB port settings.

### PATH PARAMETERS

venueId  
**required**

string  
Venue ID.

serialNumber  
**required**

string  
The serial number of the AP.

Responses

- > 200 OK
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

GET /venues/{venueId}/aps/{serialNumber}/usbPortSettings

Response samples

200400401403404422423500

Content type

application/json

Copy

```
{  "useVenueSettings": false}
```

Update AP USB Port

Update USB port of an AP.

PATH PARAMETERS

|              |                              |
|--------------|------------------------------|
| venueId      | string                       |
| required     | Venue ID.                    |
| serialNumber | string                       |
| required     | The serial number of the AP. |

REQUEST BODY SCHEMA: application/json required

|                  |                |
|------------------|----------------|
| useVenueSettings | boolean        |
|                  | Default: false |

Responses

- > 200 OK

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

PUT /venues/{venueId}/aps/{serialNumber}/usbPortSettings

### Request samples

#### Payload

Content type

application/json

Copy

```
{
  "useVenueSettings": false
}
```

### Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Get AP Available Channels

Get AP available channels.

### PATH PARAMETERS

venueId  
required

string  
Venue ID.

serialNumber  
required

string  
AP serialNumber

## Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /venues/{venueId}/aps/{serialNumber}/wifiAvailableChannels

### Response samples

200

400

401

403

404

422

423

500

#### Content type

application/json

Copy

Expand all

Collapse all

```
{
  - "2.4GChannels": {
    + "20MHz": [ ... ],
    + "40MHz": [ ... ],
    + "auto": [ ... ]
  },
  - "5GChannels": {
    + "dfs": { ... },
    + "indoor": { ... },
    + "indoorForOutdoorAp": { ... },
    + "outdoor": { ... }
  },
  - "5GLowerChannels": {
    + "dfs": { ... },
    + "indoor": { ... },
    + "indoorForOutdoorAp": { ... },
    + "outdoor": { ... }
  },
  - "5GUpperChannels": {
    + "dfs": { ... },
    + "indoor": { ... },
    + "indoorForOutdoorAp": { ... },
    + "outdoor": { ... }
  },
  - "6GChannels": {
    + "160MHz": [ ... ],
    + "20MHz": [ ... ],
    + "40MHz": [ ... ],
    + "80MHz": [ ... ]
  }
}
```



```
+ 80MHz : [ ... ],
+ "auto": [ ... ],
+ "indoor": { ... },
+ "outdoor": { ... }
}
}
```

## Deactivate AP Floor Position

Deactivate the AP on a floor-plan and remove the position.

### PATH PARAMETERS

|                                                        |                                        |
|--------------------------------------------------------|----------------------------------------|
| <div><div></div>venueId</div> <div>required</div>      | string<br>Venue ID.                    |
| <div><div></div>floorplanId</div> <div>required</div>  | string<br>Floor plan ID.               |
| <div><div></div>serialNumber</div> <div>required</div> | string<br>The serial number of the AP. |

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**DELETE** /venues/{venueId}/floorplans/{floorplanId}/aps/{serialNumber}/floo... ▾

### Response samples

202

400

401

403

404

422

423

500

Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

# Get AP Floor Position

Get the position of the AP on a floor-plan.

PATH PARAMETERS

|                          |                                        |
|--------------------------|----------------------------------------|
| venueId<br>required      | string<br>Venue ID.                    |
| floorplanId<br>required  | string<br>Floor plan ID.               |
| serialNumber<br>required | string<br>The serial number of the AP. |

Responses

- > 200 OK
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

GET /venues/{venueId}/floorplans/{floorplanId}/aps/{serialNumber}/floorPo... ▾

Response samples

200400401403404422423500

Content type

application/json ▾

Copy

```
{  "xPercent": 0,  "yPercent": 0}
```

# Activate AP Floor Position

Activate the AP on a floor-plan or update the position.

PATH PARAMETERS

.

|                          |                                        |
|--------------------------|----------------------------------------|
| venueId<br>required      | string<br>Venue ID.                    |
| floorplanId<br>required  | string<br>Floor plan ID.               |
| serialNumber<br>required | string<br>The serial number of the AP. |

REQUEST BODY SCHEMA: application/json ▼

|          |                                           |
|----------|-------------------------------------------|
| xPercent | number <float> [ 0 .. 100 ]<br>Default: 0 |
| yPercent | number <float> [ 0 .. 100 ]<br>Default: 0 |

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /venues/{venueId}/floorplans/{floorplanId}/aps/{serialNumber}/floorP... ▼

### Request samples

Payload

Content type

application/json ▼

Copy

```
{
  "xPercent": 0,
  "yPercent": 0
}
```

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Copy

```
{
  "requestId": "string"
}
```

Content type

application/json

CopyExpand allCollapse all

```
{
  "dhcpMode": "EnableOnEachAPs",
  "dhcpPools": [
    + { ... }
  ],
  "serviceName": "string"
}
```

Response samples

202400401403404422423500

Content type

application/json

CopyExpand allCollapse all

```
{
  "requestId": "string",
  "response": {
    "id": "string"
  }
}
```

## Delete DHCP Configuration Service Profile Template

Delete a DHCP configuration service profile template.

### PATH PARAMETERS

→

dhcpConfigServiceProfileId

string

required

DHCP Config Service Profile Template ID

### Responses

|                                                      |
|------------------------------------------------------|
| > 202 Accepted                                       |
| > 400 Bad/malformed request                          |
| > 401 Not-authorized                                 |
| > 403 Forbidden                                      |
| > 404 Requested resource or related-entity not found |
| > 422 Validation error                               |
| > 423 Locked                                         |
| > 500 Internal Server Error                          |

**DELETE** /templates/dhcpConfigServiceProfiles/{dhcpConfigServiceProfileId} ▾

### Response samples

202

400

401

403

404

422

423

500

Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Get DHCP Configuration Service Profile Template

Get the DHCP configuration service profile template.

### PATH PARAMETERS

→ dhcpConfigServiceProfileId string  
required DHCP Config Service Profile Template ID

### Responses

> 200 OK

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

**GET** /templates/dhcpConfigServiceProfiles/{dhcpConfigServiceProfileId} ▾

### Response samples

200

400

401

403

404

422

423

500

Content type

application/json ▾

Copy

Expand all

Collapse all

```
{
  "dhcpMode": "EnableOnEachAPs",

```

```
- "dhcpPools": [
  + { ... }
],
"id": "string",
"serviceName": "string"
}
```

## Update DHCP Configuration Service Profile Template

Update a DHCP configuration service profile template.

## PATH PARAMETERS

|                         |                                         |
|-------------------------|-----------------------------------------|
| dhcpcfgServiceProfileId | string                                  |
| required                | DHCP Config Service Profile Template ID |

REQUEST BODY SCHEMA: application/json 

|                         |                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------|
| dhcpMode                | string<br>Default: "EnableOnEachAPs"<br>Enum: "EnableOnEachAPs" "EnableOnMultipleAPs" "EnableOnHierarchicalAPs" |
| dhcpPools ><br>required | Array of objects (DhcpPoolV1_1) [ 1 .. 4 ] items                                                                |
| serviceName<br>required | string (?=^((?!(` \\\$\\(\\)).){2,32}\$)^(\\S.*\\S)\$                                                           |

## Responses

- > **202** Accepted
- > **400** Bad/malformed request
- > **401** Not-authorized
- > **403** Forbidden
- > **404** Requested resource or related-entity not found
- > **422** Validation error
- > **423** Locked
- > **500** Internal Server Error

```
PUT /templates/dhcpConfigServiceProfiles/{dhcpConfigServiceProfileId}  ▾
```

## Request samples

## Payload

**Content type**  
application/json

CopyExpand allCollapse all

```
{
  "dhcpMode": "EnableOnEachAPs",
  "dhcpPools": [
    + { ... }
  ],
  "serviceName": "string"
}
```

Response samples

202400401403404422423500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Deactivate DHCP Configuration Service Profile On Venue Template

Deactivate DHCP configuration service profile on venue template.

| PATH PARAMETERS            |        |                                         |
|----------------------------|--------|-----------------------------------------|
| venueTemplateId            | string |                                         |
| required                   |        | Venue Template ID                       |
| dhcpConfigServiceProfileId | string |                                         |
| required                   |        | DHCP Config Service Profile Template ID |

### Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error



**DELETE** /templates/venues/{venueTemplateId}/dhcpConfigServiceProfiles/{dhc... ▾

### Response samples

202

400

401

403

404

422

423

500

Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Get DHCP Service Profile Settings of Venue Template

Get DHCP service profile settings of venue template.

### PATH PARAMETERS

|                            |                                         |
|----------------------------|-----------------------------------------|
| venueTemplateId            | string                                  |
| required                   | Venue Template ID                       |
| dhcpConfigServiceProfileId | string                                  |
| required                   | DHCP Config Service Profile Template ID |

### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**GET** /templates/venues/{venueTemplateId}/dhcpConfigServiceProfiles/{dhcpCo... ▾

### Response samples

200

400

401

403

404

422

423

500

Content type

application/json ▾

CopyExpand allCollapse all

```
{
  - "activeDhcpPoolNames": [
    "string"
  ],
  - "dhcpServiceAps": [
    + { ... }
  ],
  "wanPortSelectionMode": "Dynamic"
}
```

## Activate DHCP Configuration Service Profile On Venue Template and Update Settings

Activate DHCP configuration service profile on venue template and update settings.

PATH PARAMETERS

|                                                           |                                                                      |
|-----------------------------------------------------------|----------------------------------------------------------------------|
| <div>venueTemplateId</div> <div>required</div>            | <div>string</div> <div>Venue Template ID</div>                       |
| <div>dhcpConfigServiceProfileId</div> <div>required</div> | <div>string</div> <div>DHCP Config Service Profile Template ID</div> |

REQUEST BODY SCHEMA: application/json 

required

|                                 |                                                                                     |
|---------------------------------|-------------------------------------------------------------------------------------|
| <div>activeDhcpPoolNames</div>  | <div>Array of strings</div>                                                         |
| <div>dhcpServiceAps &gt;</div>  | <div>Array of objects (DhcpServiceAp)</div>                                         |
| <div>wanPortSelectionMode</div> | <div>string</div> <div>Default: "Dynamic"</div> <div>Enum: "Dynamic" "Manual"</div> |

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

## Request samples

### Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  - "activeDhcpPoolNames": [
    "string"
  ],
  - "dhcpServiceAps": [
    + { ... }
  ],
  "wanPortSelectionMode": "Dynamic"
}
```

## Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Get DHCP Pools Usage in Venue Template

Get DHCP pools usage in this venue template.

### PATH PARAMETERS

|                 |                   |
|-----------------|-------------------|
| venueTemplateId | string            |
| required        | Venue Template ID |

## Responses

> 200 OK

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

## > 422 Validation error

> 423 Locked

## > 500 Internal Server Error

```
GET /templates/venues/{venueTemplateId}/wifiDhcpPoolUsages
```

## Response samples

200

422

423

Content type

```
application/json
```

Copy Expand all Collapse all

```
{
  - "wifiDhcpPoolUsages": [
    + { ... }
  ]
}
```

## Rogue AP Detection Policy Template

Manage rogue AP detection policy templates.

## Create Rogue AP Detection Policy Template

Create a rogue AP detection policy template.

REQUEST BODY SCHEMA: application/json

required

|             |                                                  |                                                                    |
|-------------|--------------------------------------------------|--------------------------------------------------------------------|
| description | string                                           | [ 0 .. 255 ] characters                                            |
| name        | string                                           | [ 2 .. 32 ] characters (?=^(?!(` \\$\\ ) \s){2,32}\$)^(\\S.*\\S)\$ |
| rules >     | Array of objects (RogueClassificationPolicyRule) |                                                                    |

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

## > 403 Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**POST** /templates/roguePolicies

### Request samples

#### Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "description": "string",
  "name": "string",
  "rules": [
    + { ... }
  ]
}
```

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type

application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": {
    "id": "string"
  }
}
```

## Delete Rogue AP Detection Policy Template

Delete this rogue AP detection policy template.

### PATH PARAMETERS

→ **roguePolicyTemplateId** string  
**required** Rogue AP Detection Policy Template ID.

### Responses

> **202** Accepted

> **400** Bad/malformed request

- > **401** Not-authorized
- > **403** Forbidden
- > **404** Requested resource or related-entity not found
- > **422** Validation error
- > **423** Locked
- > **500** Internal Server Error

**DELETE** /templates/roguePolicies/{roguePolicyTemplateId}

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

# Get Rogue AP Detection Policy Template

Get this rogue AP detection policy template.

PATH PARAMETERS

roguePolicyTemplateId string  
required Rogue AP Detection Policy Template ID.

Responses

- > **200** OK
- > **400** Bad/malformed request
- > **401** Not-authorized
- > **403** Forbidden
- > **404** Requested resource or related-entity not found
- > **422** Validation error
- > **423** Locked
- > **500** Internal Server Error



## 200

422

423

```
application/json
```

Copy

Expand all

[Collapse all](#)

```
{
  "description": "string"
  "id": "string",
  "name": "string",
  "rules": [
    + { ... }
  ]
}
```

> 423 Locked

> 500 Internal Server Error

PUT /templates/roguePolicies/{roguePolicyTemplateId}

Request samples

Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "description": "string",
  "name": "string",
  "rules": [
    + { ... }
  ]
}
```

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

Deactivate Rogue AP Detection Policy On Venue Template

Deactivate a rogue AP detection policy on a venue template and apply the default policy to that venue instead. Note that deactivate a policy from a venue template does not disable rogue AP detection in that venue template.

PATH PARAMETERS

|                       |                                        |
|-----------------------|----------------------------------------|
| venueTemplateId       | string                                 |
| required              | Venue Template ID.                     |
| roguePolicyTemplateId | string                                 |
| required              | Rogue AP Detection Policy Template ID. |

Responses

> 202 Accepted

> 400 Bad/malformed request

> 401 Not-authorized



> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**DELETE** /templates/venues/{venueTemplateId}/roguePolicies/{roguePolicyTemp... ▾

### Response samples

202

400

401

403

404

422

423

500

#### Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Activate Rogue AP Detection Policy On Venue Template

Activate a rogue AP detection policy on a venue template.

### PATH PARAMETERS

|                       |                                        |
|-----------------------|----------------------------------------|
| venueTemplateId       | string                                 |
| required              | Venue Template ID.                     |
| roguePolicyTemplateId | string                                 |
| required              | Rogue AP Detection Policy Template ID. |

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /templates/venues/{venueTemplateId}/roguePolicies/{roguePolicyTempla... ▼

#### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type

application/json ▼

Copy

```
{
  "requestId": "string"
}
```

## Get Venue Template Rogue Policy Settings

Get the venue template rogue policy settings.

#### PATH PARAMETERS

→ **venueTemplateId** string  
**required** Venue Template ID

#### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**GET** /templates/venues/{venueTemplateId}/roguePolicySettings ▼

#### Response samples

**200**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type

application/json ▼

Copy

```
{
  "reportThreshold": 0
}
```

## Update Venue Template Rogue Policy Settings

Update the venue template rogue policy settings.

### PATH PARAMETERS

→ **venueTemplateId** string  
required Venue Template ID

REQUEST BODY SCHEMA: application/json required ▼

→ **reportThreshold** integer <int32> [0 .. 100]  
Default:

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /templates/venues/{venueTemplateId}/roguePolicySettings ▼

### Request samples

Payload

Content type  
application/json ▼

Copy

```
{
  "reportThreshold": 0
}
```

### Response samples

Copy

```
{
  "requestId": "string"
}
```

## Request samples

Payload

Content type  
application/json

CopyExpand allCollapse all

```
{  "description": "string",  - "epdgs": [    + { ... }  ],  "qosPriority": "WIFICALLING_PRI_VOICE",  "serviceName": "string"}
```

Response samples

202

400

401

403

404

422

423

500

Content type  
application/json

CopyExpand allCollapse all

```
{  "requestId": "string",  - "response": {    "id": "string"  }}
```

## Delete Wi-Fi Calling Service Profile Template

Delete a Wi-Fi calling service profile template.

### PATH PARAMETERS

→

wifiCallingServiceProfileId

string

required

Wi-Fi Calling Service Profile Template ID

### Responses

|                                                      |
|------------------------------------------------------|
| > 202 Accepted                                       |
| > 400 Bad/malformed request                          |
| > 401 Not-authorized                                 |
| > 403 Forbidden                                      |
| > 404 Requested resource or related-entity not found |
| > 422 Validation error                               |
|                                                      |

> **423** Locked

> **500** Internal Server Error

**DELETE** /templates/wifiCallingServiceProfiles/{wifiCallingServiceProfileId} ▾

#### Response samples

202

400

401

403

404

422

423

500

##### Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Get Wi-Fi Calling Service Profile Template

Get the Wi-Fi calling service profile template details.

#### PATH PARAMETERS

→ wifiCallingServiceProfileId string  
required Wi-Fi calling profile template ID

#### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**GET** /templates/wifiCallingServiceProfiles/{wifiCallingServiceProfileId} ▾

#### Response samples

200

400

401

403

404

422

423

500

##### Content type

application/json ▾

Copy Expand all Collapse all

```
{
  "description": "string",
  - "epdgs": [
    + { ... }
  ],
  "id": "string",
  "qosPriority": "WIFICALLING_PRI_VOICE",
  "serviceName": "string"
}
```

## Update Wi-Fi Calling Service Profile Template

Update a Wi-Fi calling service profile template.

## PATH PARAMETERS

|   |                             |        |                                           |
|---|-----------------------------|--------|-------------------------------------------|
| ➔ | wifiCallingServiceProfileId | string |                                           |
|   | required                    |        | Wi-Fi Calling Service Profile Template ID |

REQUEST BODY SCHEMA: application/json 

|                         |                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| description             | string [ 2 .. 180 ] characters                                                                                                                   |
| epdgs ><br>required     | Array of objects (Epdg) [ 1 .. 5 ] items                                                                                                         |
| qosPriority             | string<br>Default: "WIFICALLING_PRI_VOICE"<br>Enum: "WIFICALLING_PRI_VOICE" "WIFICALLING_PRI_VIDEO" "WIFICALLING_PRI_BE"<br>"WIFICALLING_PRI_BG" |
| serviceName<br>required | string (?=^(?!(` \$\ \\ ) \s){2,32}\$)^(\\S.*\\S)\$                                                                                              |

## Responses

> 202 Accepted

> **400** Bad/malformed request

> **401** Not-authorized

### > 403 Forbidden

> **404** Requested resource or related-entity not found

## > 422 Validation error

> **423** Locked

## > 500 Internal Server Error

PUT /templates/wifiCallingServiceProfiles/{wifiCallingServiceProfileId} ✓

Request samples

Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "description": "string",
  "epdgs": [
    + { ... }
  ],
  "qosPriority": "WIFICALLING_PRI_VOICE",
  "serviceName": "string"
}
```

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

Clone Wi-Fi Calling Service Profile Template

Clone an existing Wi-Fi calling service profile template.

PATH PARAMETERS

wifiCallingServiceProfileId string required Wi-Fi Calling Service Profile Template ID

REQUEST BODY SCHEMA: application/json required

id string

name string required

Responses

> 202 Accepted

> 400 Bad/malformed request

> 401 Not-authorized



> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**POST** /templates/wifiCallingServiceProfiles/{wifiCallingServiceProfileId}... ▾

Request samples

Payload

Content type

application/json ▾

Copy

```
{
  "id": "string",
  "name": "string"
}
```

Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type

application/json ▾

Copy

Expand all

Collapse all

```
{
  "requestId": "string",
  "response": {
    "id": "string"
  }
}
```

# Deactivate Wi-Fi Calling Service Profile Template On Wi-Fi Network Template

Deactivate a Wi-Fi calling service profile template on a Wi-Fi network template.

PATH PARAMETERS

|                             |                                           |
|-----------------------------|-------------------------------------------|
| wifiNetworkTemplateId       | string                                    |
| required                    | Wi-Fi Network Template ID                 |
| wifiCallingServiceProfileId | string                                    |
| required                    | Wi-Fi Calling Service Profile Template ID |

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

DELETE

/templates/wifiNetworks/{wifiNetworkTemplateId}/wifiCallingService... ▾

Response samples

202

400

401

403

404

422

423

500

Content type

application/json ▾

Copy

```
{  "requestId": "string"}
```

Activate Wi-Fi Calling Service Profile Template On Wi-Fi Network Template

Activate a Wi-Fi calling service profile template on a Wi-Fi network template.

PATH PARAMETERS

|                             |                                           |
|-----------------------------|-------------------------------------------|
| wifiNetworkTemplateId       | string                                    |
| required                    | Wi-Fi Network Template ID                 |
| wifiCallingServiceProfileId | string                                    |
| required                    | Wi-Fi Calling Service Profile Template ID |

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

PUT /templates/wifiNetworks/{wifiNetworkTemplateId}/wifiCallingServicePr... ▾

### Response samples

202

400

401

403

404

422

423

500

#### Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Syslog Server Profile

Manage Syslog server profiles.

### Create Syslog Server Profile

Create a new syslog server profile. Content-Type: "application/vnd.ruckus.v1+json" will be deprecated on 2024/09/01.

REQUEST BODY SCHEMA: application/json ▾

required

|                       |                                                                                                                                     |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| facility              | string<br>Default: "KEEP_ORIGINAL"<br>Enum: "KEEP_ORIGINAL" "LOCAL0" "LOCAL1" "LOCAL2" "LOCAL3" "LOCAL4" "LOCAL5" "LOCAL6" "LOCAL7" |
| flowLevel             | string<br>Default: "CLIENT_FLOW"<br>Enum: "GENERAL_LOGS" "CLIENT_FLOW" "ALL"                                                        |
| name<br>required      | string [ 2..32 characters ] (?=^(?!(\` \\$\\ ) \` \\$\\ ) \` \\$\\ ){2,32}\$)^(\\S.*\\S)\$                                          |
| primary ><br>required | object (SyslogServer)<br>Syslog server                                                                                              |
| priority              | string<br>Default: "INFO"<br>Enum: "EMERGENCY" "ALERT" "CRITICAL" "ERROR" "WARNING" "NOTICE" "INFO" "ALL"                           |
| secondary >           | object (SyslogServer)<br>Syslog server                                                                                              |
| venues >              | Array of objects (IdAndName)                                                                                                        |

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

POST /syslogServerProfiles

Request samples

Payload

Content type  
application/json

Copy Expand all Collapse all

```
{
  "facility": "KEEP_ORIGINAL",
  "flowLevel": "GENERAL_LOGS",
  "name": "string",
  - "primary": {
    "port": 514,
    "protocol": "TCP",
    "server": "string"
  },
  "priority": "EMERGENCY",
  - "secondary": {
    "port": 514,
    "protocol": "TCP",
    "server": "string"
  },
  - "venues": [
    + { ... }
  ]
}
```

Response samples

202 400 401 403 404 422 423 500

202400401403404422423500

Content type

application/json

Copy

```
{  "requestId": "string"}
```

## Delete Syslog Server Profile

Delete a syslog server profile. Content-Type: "application/vnd.ruckus.v1+json" will be deprecated on 2024/09/01.

### PATH PARAMETERS

|                                    |                          |
|------------------------------------|--------------------------|
| <div>→</div> syslogServerProfileId | string                   |
| required                           | Syslog Server Profile ID |

### Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

DELETE /syslogServerProfiles/{syslogServerProfileId}

▼

Response samples

202400401403404422423500

Content type

application/json

Copy

```
{  "requestId": "string"}
```

## Get Syslog Server Profile

Get syslog server profile. Content-Type: "application/vnd.ruckus.v1+json" will be deprecated on 2024/09/01.

PATH PARAMETERS

|                                                                                                                      |                          |
|----------------------------------------------------------------------------------------------------------------------|--------------------------|
|  <code>syslogServerProfileId</code> | string                   |
| <code>required</code>                                                                                                | Syslog Server Profile ID |

Responses

- > **200** OK
- > **400** Bad/malformed request
- > **401** Not-authorized
- > **403** Forbidden
- > **404** Requested resource or related-entity not found
- > **422** Validation error
- > **423** Locked
- > **500** Internal Server Error

GET /syslogServerProfiles/{syslogServerProfileId}

Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy Expand all Collapse all

```
{
  "facility": "KEEP_ORIGINAL",
  "flowLevel": "GENERAL_LOGS",
  "id": "string",
  "name": "string",
  "primary": {
    "port": 514,
    "protocol": "TCP",
    "server": "string"
  },
  "priority": "EMERGENCY",
  "secondary": {
    "port": 514,
    "protocol": "TCP",
    "server": "string"
  },
  "venues": [
    + { ... }
  ]
}
```

## Update Syslog Server Profile

Update a syslog server profile. Content-Type: "application/vnd.ruckus.v1+json" will be deprecated on 2024/09/01.

## PATH PARAMETERS

|   |                       |        |                          |
|---|-----------------------|--------|--------------------------|
| → | syslogServerProfileId | string |                          |
|   | required              |        | Syslog Server Profile ID |

REQUEST BODY SCHEMA: application/json 

|                       |                                                                                                                                     |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| facility              | string<br>Default: "KEEP_ORIGINAL"<br>Enum: "KEEP_ORIGINAL" "LOCAL0" "LOCAL1" "LOCAL2" "LOCAL3" "LOCAL4" "LOCAL5" "LOCAL6" "LOCAL7" |
| flowLevel             | string<br>Default: "CLIENT_FLOW"<br>Enum: "GENERAL_LOGS" "CLIENT_FLOW" "ALL"                                                        |
| name<br>required      | string [2..32] characters (?=^(?!(` \\$\(\) \.)}{2,32}\$)^\S.*\S)\$                                                                 |
| primary ><br>required | object (SyslogServer)<br>Syslog server                                                                                              |
| priority              | string<br>Default: "INFO"<br>Enum: "EMERGENCY" "ALERT" "CRITICAL" "ERROR" "WARNING" "NOTICE" "INFO" "ALL"                           |
| secondary >           | object (SyslogServer)<br>Syslog server                                                                                              |
| venues >              | Array of objects (IdAndName)                                                                                                        |

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

## > 403 Forbidden

> **404** Requested resource or related-entity not found

## > 422 Validation error

> 423 Locked

## > 500 Internal Server Error

PUT /syslogServerProfiles/{syslogServerProfileId}

## Request samples

### Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "facility": "KEEP_ORIGINAL",
  "flowLevel": "GENERAL_LOGS",
  "name": "string",
  - "primary": {
    "port": 514,
    "protocol": "TCP",
    "server": "string"
  },
  "priority": "EMERGENCY",
  - "secondary": {
    "port": 514,
    "protocol": "TCP",
    "server": "string"
  },
  - "venues": [
    + { ... }
  ]
}
```

## Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Deactivate Syslog Server Profile On Venue

Use this API command to delete a relationship between syslog server profile and venue.

### PATH PARAMETERS

|                       |                                |
|-----------------------|--------------------------------|
| venueId               | string                         |
| required              | Venue ID                       |
| syslogServerProfileId | string                         |
| required              | Syslog server profile identity |



Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

DELETE

/venues/{venueId}/syslogServerProfiles/{syslogServerProfileId}

▼

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

▼

Copy

```
{  "requestId": "string"}
```

Activate Syslog Server Profile On Venue

Use this API command to build a relationship between syslog server profile and venue.

| PATH PARAMETERS       |        |                                |
|-----------------------|--------|--------------------------------|
| venueId               | string | Venue ID                       |
| required              |        |                                |
| syslogServerProfileId | string | Syslog server profile identity |
| required              |        |                                |

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

PUT /venues/{venueId}/syslogServerProfiles/{syslogServerProfileId} ▾

#### Response samples

202

400

401

403

404

422

423

500

Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Wi-Fi Network

Managing the relationships for Wi-Fi network activation within venue associations.

### Deactivate Wi-Fi Network On Venue

Use this API to delete a relationship between Wi-Fi network and venue.

#### PATH PARAMETERS

|               |                  |
|---------------|------------------|
| venueId       | string           |
| required      | Venue ID         |
| wifiNetworkId | string           |
| required      | Wi-Fi Network ID |

#### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**DELETE** /venues/{venueId}/wifiNetworks/{wifiNetworkId}

### Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Activate Wi-Fi Network On Venue

Use this API to build a relationship between Wi-Fi network and venue.

### PATH PARAMETERS

|               |                  |
|---------------|------------------|
| venueId       | string           |
| required      | Venue ID         |
| wifiNetworkId | string           |
| required      | Wi-Fi Network ID |

REQUEST BODY SCHEMA: application/json

|               |         |
|---------------|---------|
| isAllApGroups | boolean |
| Default:      | true    |

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /venues/{venueId}/wifiNetworks/{wifiNetworkId} ▼

### Request samples

#### Payload

Content type

application/json ▼

Copy

```
{
  "isAllApGroups": true
}
```

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type

application/json ▼

Copy

```
{
  "requestId": "string"
}
```

## Get Venue Wi-Fi Network Settings

Get Wi-Fi network settings on this venue.

### PATH PARAMETERS

|               |                  |
|---------------|------------------|
| venueId       | string           |
| required      | Venue ID         |
| wifiNetworkId | string           |
| required      | Wi-Fi Network ID |

### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /venues/{venueId}/wifiNetworks/{wifiNetworkId}/settings

### Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy Expand all Collapse all

```
{
  "allApGroupsRadioTypes": [
    "2.4-GHz"
  ],
  "allApGroupsVlanId": 1,
  "isAllApGroups": true,
  "scheduler": {
    "fri": "string",
    "mon": "string",
    "sat": "string",
    "sun": "string",
    "thu": "string",
    "tue": "string",
    "type": "ALWAYS_ON",
    "wed": "string"
  }
}
```

## Update Venue Wi-Fi Network Settings

Update Wi-Fi network settings on this venue.

### PATH PARAMETERS

|               |                  |
|---------------|------------------|
| venueId       | string           |
| required      | Venue ID         |
| wifiNetworkId | string           |
| required      | Wi-Fi Network ID |

REQUEST BODY SCHEMA: application/json

required

|                       |                                       |
|-----------------------|---------------------------------------|
| allApGroupsRadioTypes | Array of strings                      |
|                       | Items Enum: "2.4-GHz" "5-GHz" "6-GHz" |
| allApGroupsVlanId     | integer <int32> [1 .. 4094]           |
| isAllApGroups         | boolean                               |
|                       | Default: true                         |
| scheduler >           | object (NetworkVenueScheduler)        |

## Responses

- > **202** Accepted
- > **400** Bad/malformed request
- > **401** Not-authorized
- > **403** Forbidden
- > **404** Requested resource or related-entity not found
- > **422** Validation error
- > **423** Locked
- > **500** Internal Server Error

**PUT** /venues/{venueId}/wifiNetworks/{wifiNetworkId}/settings

## Request samples

## Payload

## Content type

application/json

Copy Expand all Collapse all

```
{
  - "allApGroupsRadioTypes": [
    "2.4-GHz"
  ],
  "allApGroupsVlanId": 1,
  "isAllApGroups": true,
  - "scheduler": {
    "fri": "string",
    "mon": "string",
    "sat": "string",
    "sun": "string",
    "thu": "string",
    "tue": "string",
    "type": "ALWAYS_ON",
    "wed": "string"
  }
}
```

## Response samples

**202****400****401****403****404****422****423****500**

## Content type

application/json

```
{
  "requestId": "string"
}
```

Create a new Wi-Fi network.

required

AAAWifiNetwork

DpskWifiNetwork

GuestWifiNetwork

Hotspot20WifiNetwork

OpenWifiNetwork

PskWifiNetwork

```
type                                string
required
```

|             |        |                         |
|-------------|--------|-------------------------|
| description | string | [ 0 .. 256 ] characters |
|-------------|--------|-------------------------|

```
useCertificateTemplate boolean
                        Default: false
```

```
wlan > object (AAAWifiWlan)
required AAA Wi-Fi WLAN
```

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

## > 403 Forbidden

> **404** Requested resource or related-entity not found

## > 422 Validation error

> **423** Locked

## > 500 Internal Server Error

POST /wifiNetworks

## Payload

**Content type**  
application/json

#### Example

AAAWifiNetwork

Copy Expand all Collapse all

```
{
  "name": "string",
  "type": "string",
  "description": "string",
  "useCertificateTemplate": false,
  "wlan": {
    "advancedCustomization": { ... },
    "bypassCNA": false,
    "bypassCPUUsingMacAddressAuthentication": false,
    "enabled": true,
    "macAddressAuthentication": false,
    "managementFrameProtection": "Disabled",
    "ssid": "string",
    "vlanId": 1,
    "wlanSecurity": "WPA2Enterprise"
  }
}
```

#### Response samples

202

400

401

403

404

422

423

500

#### Content type

application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": {
    "id": "string"
  }
}
```

## Get Predefined Hotspot 2.0 Identity Providers

Get predefined Hotspot 2.0 identity providers.

### Responses

> 200 OK

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden



> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /wifiNetworks/hotspot20IdentityProviders

#### Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy

Expand all

Collapse all

```
[
  - {
    "id": "string",
    "name": "string"
  }
]
```

## Get Predefined Hotspot 2.0 Operators

Get predefined Hotspot 2.0 operators.

#### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /wifiNetworks/hotspot200operators

#### Response samples

200

400

401

403

404

422

423

500

Content type

Content type

application/json

CopyExpand allCollapse all

```
[
  - {
    "id": "string",
    "name": "string"
  }
]
```

## Get Default Options for QoS Map Set

Get default options for QoS map set.

### Responses

- > 200 OK
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

GET /wifiNetworks/qosMapSetOptions

Response samples

200400401403404422423500

Content type

application/json

CopyExpand allCollapse all

```
{
  - "rules": [
    + { ... }
  ]
}
```

## Get Wi-Fi Recovery Network Passphrase Settings

Get the passphrase settings for the Wi-Fi recovery network.

Responses

- > 200 OK
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

GET /wifiNetworks/recoveryPassphraseSettings

Response samples

200 400 401 403 404 422 423 500

Content type

application/json

Copy

```
{
  "passphrase": "string"
}
```

Update Wi-Fi Recovery Network Passphrase Settings

Update the passphrase settings for the Wi-Fi recovery network.

REQUEST BODY SCHEMA: application/json required

|            |                         |
|------------|-------------------------|
| passphrase | string ^([0-9]{4}){4}\$ |
|------------|-------------------------|

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

PUT /wifiNetworks/recoveryPassphraseSettings

### Request samples

#### Payload

Content type

application/json

Copy

```
{
  "passphrase": "string"
}
```

### Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Get External WISPr Providers

Get the list of external WISPr providers for a captive portal network. Note: these providers have integrated their service with the RUCKUS cloud.

### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /wifiNetworks/wisprProviders

### Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy

Expand all

Collapse all

```
{
  - "wisprProviders": [
    + { ... }
  ]
}
```

## Delete Wi-Fi Network

Delete a Wi-Fi network.

### PATH PARAMETERS

|                 |                  |
|-----------------|------------------|
| → wifiNetworkId | string           |
| required        | Wi-Fi Network ID |

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

DELETE /wifiNetworks/{wifiNetworkId}

### Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Get Wi-Fi Network

Get the Wi-Fi network details.

### PATH PARAMETERS

|                 |                  |
|-----------------|------------------|
| → wifiNetworkId | string           |
| required        | Wi-Fi Network ID |

### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /wifiNetworks/{wifiNetworkId}

### Response samples

200

400

401

403

404

422

423

500

#### Content type

application/json

#### Example

AAAWifiNetwork

Copy Expand all Collapse all

```
{
  "id": "string",
  "name": "string",
  "type": "AAAWifiNetwork",
  "description": "string",
  "useCertificateTemplate": false,
  "wlan": {
```

```
+ "advancedCustomization": { ... },
  "bypassCNA": false,
  "bypassCPUsingMacAddressAuthentication": false,
  "enabled": true,
  "macAddressAuthentication": false,
  "managementFrameProtection": "Disabled",
  "ssid": "string",
  "vlanId": 1,
  "wlanSecurity": "WPA2Enterprise"
}
```

## Update Wi-Fi Network

Update this Wi-Fi network, including nested details.

PATH PARAMETERS

→ **wifiNetworkId** string  
**required** Wi-Fi Network ID

REQUEST BODY SCHEMA: application/json **required**

One of

AAAWifiNetwork

DpskWifiNetwork

GuestWifiNetwork

Hotspot20WifiNetwork

OpenWifiNetwork

PskWifiNetwork

→ **name** string (?=^((?!(`|\$\|))){2,32}\$)^(\\S.\*\\S)\$  
**required**

→ **type** string  
**required**

→ **description** string [ 0 .. 256 ] characters

→ **useCertificateTemplate** boolean  
Default: false

→ **wlan >** object (AAAWifiWlan)  
**required** AAA Wi-Fi WLAN

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> 500 Internal Server Error

PUT /wifiNetworks/{wifiNetworkId}

### Request samples

#### Payload

##### Content type

application/json

##### Example

AAAWifiNetwork

Copy Expand all Collapse all

```
{
  "name": "string",
  "type": "string",
  "description": "string",
  "useCertificateTemplate": false,
  "wlan": {
    "advancedCustomization": { ... },
    "bypassCNA": false,
    "bypassCPUsingMacAddressAuthentication": false,
    "enabled": true,
    "macAddressAuthentication": false,
    "managementFrameProtection": "Disabled",
    "ssid": "string",
    "vlanId": 1,
    "wlanSecurity": "WPA2Enterprise"
  }
}
```

### Response samples

202

400

401

403

404

422

423

500

##### Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Application Policy

Manage application policy profiles.

## Deactivate Application Policy On Access Control Profile

Use this API command to deactivate an application policy on an access control profile.

### PATH PARAMETERS

accessControlProfileId



|                                               |        |
|-----------------------------------------------|--------|
| <b>required</b>                               | string |
| <b>applicationPolicyId</b><br><b>required</b> | string |

## Responses

- > **202** Accepted
- > **400** Bad/malformed request
- > **401** Not-authorized
- > **403** Forbidden
- > **404** Requested resource or related-entity not found
- > **422** Validation error
- > **423** Locked
- > **500** Internal Server Error

DELETE
/accessControlProfiles/{accessControlProfileId}/applicationPolicie...

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Activate Application Policy On Access Control Profile

Use this API command to activate an application policy on an access control profile.

### PATH PARAMETERS

|                                                  |        |
|--------------------------------------------------|--------|
| <b>accessControlProfileId</b><br><b>required</b> | string |
| <b>applicationPolicyId</b><br><b>required</b>    | string |

## Responses

- > **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /accessControlProfiles/{accessControlProfileId}/applicationPolicies/... ▾

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Add Application Policy

Use this API command to create a new application policy. Content-Type: "application/vnd.ruckus.v1+json" will be deprecated on 2024/09/01.

REQUEST BODY SCHEMA: application/json ▾

required

|                  |                                          |                        |
|------------------|------------------------------------------|------------------------|
| description      | string                                   | [ 0 .. 64 ] characters |
| name<br>required | string                                   | [ 2 .. 32 ] characters |
| rules >          | Array of objects (ApplicationPolicyRule) | [ 1 .. 128 ] items     |

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**POST** /applicationPolicies

### Request samples

#### Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "description": "string",
  "name": "string",
  "rules": [
    + { ... }
  ]
}
```

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type

application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": {
    "description": "string",
    "id": "string",
    "name": "string",
    + "rules": [ ... ],
    "tenantId": "string"
  }
}
```

## Delete Application Policy

Use this API command to delete application policy.

#### PATH PARAMETERS

→ applicationPolicyId  
required string

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

DELETE /applicationPolicies/{applicationPolicyId}

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{  "requestId": "string"}
```

Get Application Policy

Use this API command to get the application policy details. Content-Type: "application/vnd.ruckus.v1+json" will be deprecated on 2024/09/01.

PATH PARAMETERS

|                     |        |
|---------------------|--------|
| applicationPolicyId | string |
|---------------------|--------|

Responses

- > 200 OK
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /applicationPolicies/{applicationPolicyId}

Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy Expand all Collapse all

```
{
  "description": "string",
  "id": "string",
  "name": "string",
  "rules": [
    + { ... }
  ],
  "tenantId": "string"
}
```

Update Application Policy

Use this API command to update application policy. Content-Type: "application/vnd.ruckus.v1+json" will be deprecated on 2024/09/01.

PATH PARAMETERS

applicationPolicyId string  
required

REQUEST BODY SCHEMA: application/json  
required

description string [ 0 .. 64 ] characters

name string [ 2 .. 32 ] characters  
required

rules > Array of objects (ApplicationPolicyRule) [ 1 .. 128 ] items

Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /applicationPolicies/{applicationPolicyId}

### Request samples

#### Payload

Content type  
application/json

Copy Expand all Collapse all

```
{
  "description": "string",
  "name": "string",
  "rules": [
    + { ... }
  ]
}
```

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type  
application/json

Copy

```
{
  "requestId": "string"
}
```

## Deactivate Application Policy On Wifi Network

Use this API command to deactivate an application policy on a Wi-Fi network.

### PATH PARAMETERS

wifiNetworkId  
required string

applicationPolicyId  
required string

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

DELETE /wifiNetworks/{wifiNetworkId}/applicationPolicies/{applicationPoli... ▾

Response samples

202400401403404422423500

Content type

application/json ▾

Copy

```
{  "requestId": "string"}
```

Activate Application Policy On Wifi Network

Use this API command to activate an application policy on a Wi-Fi network.

PATH PARAMETERS

|                                 |        |
|---------------------------------|--------|
| wifiNetworkId<br>required       | string |
| applicationPolicyId<br>required | string |

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden





> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**POST** /venues/{venueId}/apGroups

### Request samples

#### Payload

Content type  
application/json

Copy Expand all Collapse all

```
{
  "apSerialNumbers": [
    + { ... }
  ],
  "description": "string",
  "name": "string",
  "venueId": "string"
}
```

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type  
application/json

Copy

```
{
  "requestId": "string"
}
```

## Delete AP Group

Delete an AP group.

### PATH PARAMETERS

venueId  
required

string  
Venue ID

apGroupId  
required

string  
AP Group ID

Responses

- > **202** Accepted
- > **400** Bad/malformed request
- > **401** Not-authorized
- > **403** Forbidden
- > **404** Requested resource or related-entity not found
- > **422** Validation error
- > **423** Locked
- > **500** Internal Server Error

**DELETE** /venues/{venueId}/apGroups/{apGroupId}

**Response samples**

202400401403404422423500

Content typeapplication/json

Copy

```
{  "requestId": "string"}
```

Get AP Group

Get the AP group details.

| PATH PARAMETERS |        |             |
|-----------------|--------|-------------|
| venueId         | string | Venue ID    |
| apGroupId       | string | AP Group ID |

Responses

- > **200** OK
- > **400** Bad/malformed request
- > **401** Not-authorized

## > 403 Forbidden

> **404** Requested resource or related-entity not found

## ➤ 422 Validation error

> **423** Locked

## > 500 Internal Server Error

```
GET /venues/{venueId}/apGroups/{apGroupId}
```

## Response samples

200

422

423

**Content type**

```
application/json
```

Copy

Expand all

[Collapse all](#)

```
{
  - "apSerialNumbers": [
      "string"
    ],
  "description": "string",
  "id": "string",
  "isDefault": false,
  "name": "string"
}
```

## Update AP Group

Update an AP group.

## PATH PARAMETERS

|           |             |
|-----------|-------------|
| venueId   | string      |
| required  | Venue ID    |
| <hr/>     |             |
| apGroupId | string      |
| required  | AP Group ID |

REQUEST BODY SCHEMA: application/json 

|                 |                                                                                                                                                                 |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| apSerialNumbers | Array of strings<br>List of AP serial-numbers which are associated to the AP group.                                                                             |
| description     | string [ 2 .. 180 ] characters                                                                                                                                  |
| name            | string (?=^(?!(` \\\$\\()\\.){2,64}\$)^(\\S.*\\S)\$<br>The name of the AP group. Is required during creation and modification but not for the default AP group. |

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

PUT

/venues/{venueId}/apGroups/{apGroupId}

Request samples

Payload

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "apSerialNumbers": [
    "string"
  ],
  "description": "string",
  "name": "string"
}
```

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

Deactivate AP Group On Wi-Fi Network

Deactivate the AP group and remove the settings on the Wi-Fi network with the venue.

PATH PARAMETERS

|

|                           |                            |
|---------------------------|----------------------------|
| venueId<br>required       | string<br>Venue ID         |
| wifiNetworkId<br>required | string<br>Wi-Fi Network ID |
| apGroupId<br>required     | string<br>AP Group ID      |

## Responses

|                                                      |
|------------------------------------------------------|
| > 202 Accepted                                       |
| > 400 Bad/malformed request                          |
| > 401 Not-authorized                                 |
| > 403 Forbidden                                      |
| > 404 Requested resource or related-entity not found |
| > 422 Validation error                               |
| > 423 Locked                                         |
| > 500 Internal Server Error                          |

DELETE

/venues/{venueId}/wifiNetworks/{wifiNetworkId}/apGroups/{apGroupId} ▾

Response samples

202

400

401

403

404

422

423

500

Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Activate AP Group On Wi-Fi Network

Activate the AP group on the Wi-Fi network with the venue.

### PATH PARAMETERS

|                           |                            |
|---------------------------|----------------------------|
| venueId<br>required       | string<br>Venue ID         |
| wifiNetworkId<br>required | string<br>Wi-Fi Network ID |
| apGroupId                 |                            |

required

string  
AP Group ID

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

PUT /venues/{venueId}/wifiNetworks/{wifiNetworkId}/apGroups/{apGroupId} ▾

### Response samples

202

400

401

403

404

422

423

500

Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Get AP Group Settings On Wi-Fi Network

Get the activated AP group settings on the Wi-Fi network with the venue.

### PATH PARAMETERS

venueId  
required

string  
Venue ID

wifiNetworkId  
required

string  
Wi-Fi Network ID

apGroupId  
required

string  
AP Group ID

## Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /venues/{venueId}/wifiNetworks/{wifiNetworkId}/apGroups/{apGroupId}/s... ▾

### Response samples

200

400

401

403

404

422

423

500

#### Content type

application/json ▾

Copy Expand all Collapse all

```
{
  "radioTypes": [
    "2.4-GHz"
  ],
  "vlanId": 1
}
```

## Update AP Group Settings On Wi-Fi Network

Update the activated AP group settings on the Wi-Fi network with the venue.

### PATH PARAMETERS

|                           |                            |
|---------------------------|----------------------------|
| venueId<br>required       | string<br>Venue ID         |
| wifiNetworkId<br>required | string<br>Wi-Fi Network ID |
| apGroupId<br>required     | string<br>AP Group ID      |

REQUEST BODY SCHEMA: application/json ▾  
required

|            |                                                           |
|------------|-----------------------------------------------------------|
| radioTypes | Array of strings<br>Items Enum: "2.4-GHz" "5-GHz" "6-GHz" |
| vlanId     | integer <int32> [ 1 .. 4094 ]                             |

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /venues/{venueId}/wifiNetworks/{wifiNetworkId}/apGroups/{apGroupId}/... ▾

### Request samples

#### Payload

Content type

application/json ▾

Copy Expand all Collapse all

```
{
  "radioTypes": [
    "2.4-GHz"
  ],
  "vlanId": 1
}
```

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Client

Manage client connections.

### Patch AP Client

Patch the AP's client.



## PATH PARAMETERS

|                              |                                          |
|------------------------------|------------------------------------------|
| venueId<br>required          | string<br>The ID of the venue.           |
| serialNumber<br>required     | string<br>The serial number of the AP.   |
| clientMacAddress<br>required | string<br>The mac address of the client. |

REQUEST BODY SCHEMA: application/json ▼  
required

status  
required  
string or null  
Value: "DISCONNECTED"

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PATCH** /venues/{venueId}/aps/{serialNumber}/clients/{clientMacAddress} ▼

### Request samples

#### Payload

Content type  
application/json ▼

Copy

```
{  
  "status": "DISCONNECTED"  
}
```

### Response samples

**202**

400

401

403

404

422

423

500

Content type  
application/json ▼

```
{
  "requestId": "string"
}
```

Manage DHCP configuration service profiles.

Create a new DHCP configuration service profile. Content-Type: "application/vnd.ruckus.v1+json" will be deprecated on 2024/09/01.

required

|                          |                                                                                                                 |
|--------------------------|-----------------------------------------------------------------------------------------------------------------|
| dhcpcMode                | string<br>Default: "EnableOnEachAPs"<br>Enum: "EnableOnEachAPs" "EnableOnMultipleAPs" "EnableOnHierarchicalAPs" |
| dhcpcPools ><br>required | Array of objects (DhcpPool) [ 1 .. 4 ] items                                                                    |
| serviceName<br>required  | string (?=^(?!(` \\$\\(\\) .){2,32}\$)^(\\S.*\\S)\$                                                             |

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

## > 403 Forbidden

> **404** Requested resource or related-entity not found

## > 422 Validation error

> **423** Locked

## > 500 Internal Server Error

—

## Payload

**Content type**  
application/json

Copy Expand all Collapse all

```
{
  "dhcpMode": "EnableOnEachAPs",
  "dhcpPools": [
    + { ... }
  ],
  "serviceName": "string"
}
```

## Response samples

202

400

401

403

404

422

423

500

### Content type

application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": {
    "dhcpMode": "EnableOnEachAPs",
    + "dhcpPools": [ ... ],
    "id": "string",
    "serviceName": "string",
    + "usage": [ ... ],
    + "venueIds": [ ... ]
  }
}
```

## Delete DHCP Configuration Service Profile

Delete a DHCP configuration service profile. Content-Type: "application/vnd.ruckus.v1+json" will be deprecated on 2024/09/01.

### PATH PARAMETERS

→ dhcpConfigServiceProfileId string  
required DHCP Config Service Profile ID

## Responses

> 202 Accepted

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> **500** Internal Server Error

**DELETE** /dhcpConfigServiceProfiles/{dhcpConfigServiceProfileId} ▼

#### Response samples

202

400

401

403

404

422

423

500

Content type

application/json ▼

Copy

```
{
  "requestId": "string"
}
```

## Get DHCP Configuration Service Profile

Get the DHCP configuration service profile details. Content-Type: "application/vnd.ruckus.v1+json" will be deprecated on 2024/09/01.

#### PATH PARAMETERS

→ dhcpConfigServiceProfileId string  
required DHCP Config Service Profile ID

#### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**GET** /dhcpConfigServiceProfiles/{dhcpConfigServiceProfileId} ▼

#### Response samples

200

400

401

403

404

422

423

500

Content type

application/json ▼



PUT

/dhcpConfigServiceProfiles/{dhcpConfigServiceProfileId}

Request samples

Payload

Content type

application/json

Copy

Expand all

Collapse all

```
{  "dhcpMode": "EnableOnEachAPs",  - "dhcpPools": [    + { ... }  ],  "serviceName": "string"}

```

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{  "requestId": "string"}

```

## Get AP DHCP Client Leases

Get a list of DHCP client leases of the AP.

### PATH PARAMETERS

|              |                              |
|--------------|------------------------------|
| venueId      | string                       |
| required     | Venue ID                     |
| serialNumber | string                       |
| required     | The serial number of the AP. |

### Responses

|                                                      |
|------------------------------------------------------|
| > 200 OK                                             |
| > 400 Bad/malformed request                          |
| > 401 Not-authorized                                 |
| > 403 Forbidden                                      |
| > 404 Requested resource or related-entity not found |
|                                                      |

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /venues/{venueId}/aps/{serialNumber}/wifiDhcpClientLeases

#### Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy Expand all Collapse all

```
{
  "wifiDhcpClientLeases": [
    + { ... }
  ]
}
```

## Get DHCP Pools Usage in This AP

Get DHCP pools usage in this AP.

#### PATH PARAMETERS

|                          |                                        |
|--------------------------|----------------------------------------|
| venueId<br>required      | string<br>Venue ID                     |
| serialNumber<br>required | string<br>The serial number of the AP. |

#### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /venues/{venueId}/aps/{serialNumber}/wifiDhcpPoolUsage

GET /venues/{venueId}/aps/{serialNumber}/wifiDhcpPoolUsages

### Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy

Expand all

Collapse all

```
{
  - "wifiDhcpPoolUsages": [
    + { ... }
  ]
}
```

## Deactivate DHCP Configuration Service Profile On This Venue

Deactivate DHCP configuration service profile on this venue.

### PATH PARAMETERS

|                            |                                |
|----------------------------|--------------------------------|
| venueId                    | string                         |
| required                   | Venue ID                       |
| dhcpConfigServiceProfileId | string                         |
| required                   | DHCP Config Service Profile ID |

### Responses

> 202 Accepted

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

DELETE /venues/{venueId}/dhcpConfigServiceProfiles/{dhcpConfigServiceProf... ▾

### Response samples

202

400

401

403

404

422

423

500

Content type

application/json



Copy

```
{
  "requestId": "string"
}
```

## Get DHCP Service Profile Settings of This Venue

Get DHCP service profile settings of this venue.

### PATH PARAMETERS

|                            |                                |
|----------------------------|--------------------------------|
| venueId                    | string                         |
| required                   | Venue ID                       |
| dhcpConfigServiceProfileId | string                         |
| required                   | DHCP Config Service Profile ID |

### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**GET** /venues/{venueId}/dhcpConfigServiceProfiles/{dhcpConfigServiceProfile... ▾

### Response samples

200

400

401

403

404

422

423

500

Content type

application/json ▾

Copy Expand all Collapse all

```
{
  - "activeDhcpPoolNames": [
    "string"
  ],
  - "dhcpServiceAps": [
    + { ... }
  ],
  "wanPortSelectionMode": "Dynamic"
```

# Activate DHCP Configuration Service Profile On This Venue and Update Settings

Activate DHCP configuration service profile on this venue and update settings.

## PATH PARAMETERS

|                            |                                |
|----------------------------|--------------------------------|
| venueId                    | string                         |
| required                   | Venue ID                       |
| dhcpConfigServiceProfileId | string                         |
| required                   | DHCP Config Service Profile ID |

REQUEST BODY SCHEMA: application/json ▼  
required

|                      |                                  |
|----------------------|----------------------------------|
| activeDhcpPoolNames  | Array of strings                 |
| dhcpServiceAps >     | Array of objects (DhcpServiceAp) |
| wanPortSelectionMode | string                           |
|                      | Default: "Dynamic"               |
|                      | Enum: "Dynamic" "Manual"         |

## Responses

|                                                      |
|------------------------------------------------------|
| > 202 Accepted                                       |
| > 400 Bad/malformed request                          |
| > 401 Not-authorized                                 |
| > 403 Forbidden                                      |
| > 404 Requested resource or related-entity not found |
| > 422 Validation error                               |
| > 423 Locked                                         |
| > 500 Internal Server Error                          |

PUT /venues/{venueId}/dhcpConfigServiceProfiles/{dhcpConfigServiceProfil... ▼

## Request samples

Payload

Content type  
application/json ▼

Copy Expand all Collapse all

```
{
  - "activeDhcpPoolNames": [
    "string"
  ],
  - "dhcpServiceAps": [
    + { ... }
  ],
  "wanPortSelectionMode": "Dynamic"
}
```

## Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Get Venue DHCP Leases

Get a list of DHCP leases of the venue.

### PATH PARAMETERS

→ venueId  
required

string  
Venue ID

## Responses

> 200 OK

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

GET /venues/{venueId}/wifiDhcpClientLeases

## Response samples

## Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy

Expand all

Collapse all

```
{
  - "wifiDhcpClientLeases": [
    + { ... }
  ]
}
```

## Get DHCP Pools Usage in Venue

Get DHCP pools usage in this venue.

### PATH PARAMETERS

|          |          |
|----------|----------|
| venueId  | string   |
| required | Venue ID |

## Responses

> 200 OK

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

GET /venues/{venueId}/wifiDhcpPoolUsages

## Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy

Expand all

Collapse all

```
{
  - "wifiDhcpPoolUsages": [
    + { ... }
  ]
}
```

## MAC Registration Pool

Manage MAC registration pool profiles.

### Deactivate MAC Registration Pool On Wi-Fi Network

Use this API command to delete the relationship between MAC registration pool and Wi-Fi network.

#### PATH PARAMETERS

|                                   |                                    |
|-----------------------------------|------------------------------------|
| wifiNetworkId<br>required         | string<br>Wi-Fi Network ID         |
| macRegistrationPoolId<br>required | string<br>MAC Registration Pool ID |

#### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**DELETE** /wifiNetworks/{wifiNetworkId}/macRegistrationPools/{macRegistratio... ▾

#### Response samples

202

400

401

403

404

422

423

500

Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

### Activate MAC Registration Pool On Wi-Fi Network

Use this API command to build the relationship between MAC registration pool and Wi-Fi network.

PATH PARAMETERS

|                                   |                                    |
|-----------------------------------|------------------------------------|
| wifiNetworkId<br>required         | string<br>Wi-Fi Network ID         |
| macRegistrationPoolId<br>required | string<br>MAC Registration Pool ID |

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

PUT

/wifiNetworks/{wifiNetworkId}/macRegistrationPools/{macRegistrationP...

▼

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

▼

Copy

{

"requestId": "string"

}

VRIoT Management

Manage VRIoT with venue or AP.

Disassociate IoT Controller from AP

Disassociate the IoT controller from the AP.

PATH PARAMETERS

|                     |        |
|---------------------|--------|
| venueId<br>required | string |
|---------------------|--------|

|                             |                                        |
|-----------------------------|----------------------------------------|
|                             | Venue ID                               |
| serialNumber<br>required    | string<br>The serial number of the AP. |
| iotControllerId<br>required | string<br>IoT Controller ID            |

## Responses

|                                                      |
|------------------------------------------------------|
| > 202 Accepted                                       |
| > 400 Bad/malformed request                          |
| > 401 Not-authorized                                 |
| > 403 Forbidden                                      |
| > 404 Requested resource or related-entity not found |
| > 422 Validation error                               |
| > 423 Locked                                         |
| > 500 Internal Server Error                          |

DELETE
/venues/{venueId}/aps/{serialNumber}/iotControllers/{iotController...

Response samples

202
400
401
403
404
422
423
500

Content type
application/json

Copy

```

{
  "requestId": "string"
}

```

## Associate IoT Controller with AP

Associate the IoT controller with the AP.

### PATH PARAMETERS

|                          |                                        |
|--------------------------|----------------------------------------|
| venueId<br>required      | string<br>Venue ID                     |
| serialNumber<br>required | string<br>The serial number of the AP. |
| iotControllerId          |                                        |

required

string  
IoT Controller ID

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

PUT /venues/{venueId}/aps/{serialNumber}/iotControllers/{iotControllerId} ▾

## Response samples

202

400

401

403

404

422

423

500

Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Disassociate IoT Controller from Venue

Disassociate the IoT controller from the venue.

### PATH PARAMETERS

venueId  
required

string  
Venue ID

iotControllerId  
required

string  
IoT Controller ID

## Responses

> **202** Accepted



- > **400** Bad/malformed request
- > **401** Not-authorized
- > **403** Forbidden
- > **404** Requested resource or related-entity not found
- > **422** Validation error
- > **423** Locked
- > **500** Internal Server Error

**DELETE** /venues/{venueId}/iotControllers/{iotControllerId} ▼

#### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type

application/json ▼

Copy

```
{
  "requestId": "string"
}
```

## Associate IoT Controller with Venue

Associate the IoT controller with the venue.

#### PATH PARAMETERS

|                                           |                             |
|-------------------------------------------|-----------------------------|
| <b>venueId</b><br><i>required</i>         | string<br>Venue ID          |
| <b>iotControllerId</b><br><i>required</i> | string<br>IoT Controller ID |

#### Responses

- > **202** Accepted
- > **400** Bad/malformed request
- > **401** Not-authorized
- > **403** Forbidden
- > **404** Requested resource or related-entity not found
- > **422** Validation error

> 423 Locked

> 500 Internal Server Error

PUT /venues/{venueId}/iotControllers/{iotControllerId}

### Response samples

202

400

401

403

404

422

423

500

#### Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Tunnel Service Profile

Manage tunnel service profiles.

### Add Tunnel Service Profile

Use this API command to create a new tunnel service profile.

REQUEST BODY SCHEMA: application/json ▼  
required

|                      |                                                                                                                                          |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| ageTimeMinutes       | integer <int32> [ 5 .. 10080 ]<br>Default: 20                                                                                            |
| destinationIpAddress | string ^(?:?:25[0-5] 2[0-4][0-9] 1[0-9][0-9] [1-9][... Show pattern                                                                      |
| forceFragmentation   | boolean<br>Default: false                                                                                                                |
| keepAliveInterval    | integer <int32> [ 1 .. 5 ]<br>Default: 2<br>The unit is seconds.                                                                         |
| keepAliveRetry       | integer <int32> [ 3 .. 10 ]<br>Default: 5                                                                                                |
| mtuRequestRetry      | integer <int32> [ 3 .. 64 ]<br>This setting is only effective in path maximum transmission unit auto mode.                               |
| mtuRequestTimeout    | integer <int32> [ 10 .. 10000 ]<br>The unit is milliseconds. This setting is only effective in path maximum transmission unit auto mode. |
| mtuSize              | integer <int32> [ 576 .. 1450 ]                                                                                                          |
| mtuType              | string<br>Default: "AUTO"<br>Enum: "MANUAL" "AUTO"                                                                                       |
| name                 |                                                                                                                                          |

|                     |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| required            | string (?=^(?!(` \\\$\\`))){2,32}\$)^(\\S.*\\S)\$                                                                |
| natTraversalEnabled | <p>boolean</p> <p>Default: false</p> <p>For toggling whether NAT traversal support is needed for the tunnel.</p> |
| tag                 | string                                                                                                           |
| tunnelType          | <p>string</p> <p>Default: "VXLAN_GPE"</p> <p>Enum: "VXLAN_GPE" "L2GRE"</p> <p>Tunnel type.</p>                   |
| type                | <p>string</p> <p>Default: "VXLAN"</p> <p>Enum: "VXLAN" "VLAN_VXLAN"</p> <p>Network segment type.</p>             |

## Responses

- > **202** Accepted
- > **400** Bad/malformed request
- > **401** Not-authorized
- > **403** Forbidden
- > **404** Requested resource or related-entity not found
- > **422** Validation error
- > **423** Locked
- > **500** Internal Server Error

POST /tunnelServiceProfiles ✓

## Request samples

**Payload**

**Content type**  
application/json

Copy

```
{
  "ageTimeMinutes": 20,
  "destinationIpAddress": "string",
  "forceFragmentation": false,
  "keepAliveInterval": 2,
  "keepAliveRetry": 5,
  "mtuRequestRetry": 3,
  "mtuRequestTimeout": 10,
  "mtuSize": 576,
```

```
"mtuType": "MANUAL",
"name": "string",
"natTraversalEnabled": false,
"tag": "string",
"tunnelType": "VXLAN_GPE",
"type": "VXLAN"
}
```

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": {
    "id": "string"
  }
}
```

# Delete Tunnel Service Profile

Use this API command to delete a tunnel service profile.

PATH PARAMETERS

 tunnelServiceProfileId string  
required Tunnel Service Profile ID

Responses

> 202 Accepted

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

DELETE /tunnelServiceProfiles/{tunnelServiceProfileId}

Response samples

## Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Get Tunnel Service Profile

Use this API command to get the tunnel service profile details.

### PATH PARAMETERS

→ tunnelServiceProfileId string  
required Tunnel Service Profile ID

## Responses

> 200 OK

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

GET /tunnelServiceProfiles/{tunnelServiceProfileId}

## Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "ageTimeMinutes": 20,
  "destinationIpAddress": "string",
  "forceFragmentation": false,
  "id": "string",
}
```

```
"keepAliveInterval": 2,  
"keepAliveRetry": 5,  
"mtuRequestRetry": 3,  
"mtuRequestTimeout": 10,  
"mtuSize": 576,  
"mtuType": "MANUAL",  
"name": "string",  
"natTraversalEnabled": false,  
"tag": "string",  
"tunnelType": "VXLAN_GPE",  
"type": "VXLAN"  
}
```

## Partial Update Tunnel Service Profile

Use this API command to partial update a tunnel service profile.

## PATH PARAMETERS

|   |                        |        |                           |
|---|------------------------|--------|---------------------------|
| + | tunnelServiceProfileId | string |                           |
|   | required               |        | Tunnel Service Profile ID |

REQUEST BODY SCHEMA: application/json 

|                      |                                                                                                                                          |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| ageTimeMinutes       | integer <int32> [ 5 .. 10080 ]<br>Default: 20                                                                                            |
| destinationIpAddress | string ^(?:([0-5] 2[0-4] 0-9 1[0-9] 1-9][...])\$ Show pattern                                                                            |
| forceFragmentation   | boolean<br>Default: false                                                                                                                |
| keepAliveInterval    | integer <int32> [ 1 .. 5 ]<br>Default: 2<br>The unit is seconds.                                                                         |
| keepAliveRetry       | integer <int32> [ 3 .. 10 ]<br>Default: 5                                                                                                |
| mtuRequestRetry      | integer <int32> [ 3 .. 64 ]<br>This setting is only effective in path maximum transmission unit auto mode.                               |
| mtuRequestTimeout    | integer <int32> [ 10 .. 10000 ]<br>The unit is milliseconds. This setting is only effective in path maximum transmission unit auto mode. |
| mtuSize              | integer <int32> [ 576 .. 1450 ]                                                                                                          |
| mtuType              | string<br>Default: "AUTO"<br>Enum: "MANUAL" "AUTO"                                                                                       |
| name<br>required     | string (?!([` \\$\\() .]){2,32}\$)^(\\S.*\\S)\$                                                                                          |
| natTraversalEnabled  | boolean<br>Default: false<br>For toggling whether NAT traversal support is needed for the tunnel.                                        |
| tag                  | string                                                                                                                                   |

|            |                                                                                   |
|------------|-----------------------------------------------------------------------------------|
| tunnelType | string<br>Default: "VXLAN_GPE"<br>Enum: "VXLAN_GPE" "L2GRE"<br>Tunnel type.       |
| type       | string<br>Default: "VXLAN"<br>Enum: "VXLAN" "VLAN_VXLAN"<br>Network segment type. |

## Responses

- > **202** Accepted
- > **400** Bad/malformed request
- > **401** Not-authorized
- > **403** Forbidden
- > **404** Requested resource or related-entity not found
- > **422** Validation error
- > **423** Locked
- > **500** Internal Server Error

**PATCH** /tunnelServiceProfiles/{tunnelServiceProfileId}

## Request samples

### Payload

Content type

application/json

Copy

```
{
  "ageTimeMinutes": 20,
  "destinationIpAddress": "string",
  "forceFragmentation": false,
  "keepAliveInterval": 2,
  "keepAliveRetry": 5,
  "mtuRequestRetry": 3,
  "mtuRequestTimeout": 10,
  "mtuSize": 576,
  "mtuType": "MANUAL",
  "name": "string",
  "natTraversalEnabled": false,
  "tag": "string",
  "tunnelType": "VXLAN_GPE",
  "type": "VXLAN"
}
```

## Response samples

202

422

423

Content type

```
application/json
```

Copy

```
{
  "requestId": "string"
}
```

## Update Tunnel Service Profile

Use this API command to update a tunnel service profile.

## PATH PARAMETERS

- ➔ `tunnelServiceProfileId` string  
required Tunnel Service Profile ID

REQUEST BODY SCHEMA: application/json 

|                      |                                                                                                                                          |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| ageTimeMinutes       | integer <int32> [ 5 .. 10080 ]<br>Default: 20                                                                                            |
| destinationIpAddress | string ^(?:(:?25[0-5] 2[0-4][0-9] 1[0-9][0-9] [1-9][... Show pattern                                                                     |
| forceFragmentation   | boolean<br>Default: false                                                                                                                |
| keepAliveInterval    | integer <int32> [ 1 .. 5 ]<br>Default: 2<br>The unit is seconds.                                                                         |
| keepAliveRetry       | integer <int32> [ 3 .. 10 ]<br>Default: 5                                                                                                |
| mtuRequestRetry      | integer <int32> [ 3 .. 64 ]<br>This setting is only effective in path maximum transmission unit auto mode.                               |
| mtuRequestTimeout    | integer <int32> [ 10 .. 10000 ]<br>The unit is milliseconds. This setting is only effective in path maximum transmission unit auto mode. |
| mtuSize              | integer <int32> [ 576 .. 1450 ]                                                                                                          |
| mtuType              | string<br>Default: "AUTO"<br>Enum: "MANUAL" "AUTO"                                                                                       |
| name<br>required     | string (?!((?!(` `\$ `))){2,32}\$)^(\\S.*\\S)\$                                                                                          |
| natTraversalEnabled  | boolean<br>Default: false<br>For toggling whether NAT traversal support is needed for the tunnel.                                        |



|            |                                                                                   |
|------------|-----------------------------------------------------------------------------------|
| tag        | string                                                                            |
| tunnelType | string<br>Default: "VXLAN_GPE"<br>Enum: "VXLAN_GPE" "L2GRE"<br>Tunnel type.       |
| type       | string<br>Default: "VXLAN"<br>Enum: "VXLAN" "VLAN_VXLAN"<br>Network segment type. |

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /tunnelServiceProfiles/{tunnelServiceProfileId}

## Request samples

### Payload

Content type

application/json

Copy

```
{
  "ageTimeMinutes": 20,
  "destinationIpAddress": "string",
  "forceFragmentation": false,
  "keepAliveInterval": 2,
  "keepAliveRetry": 5,
  "mtuRequestRetry": 3,
  "mtuRequestTimeout": 10,
  "mtuSize": 576,
  "mtuType": "MANUAL",
  "name": "string",
  "natTraversalEnabled": false,
  "tag": "string",
  "tunnelType": "VXLAN_GPE",
  "type": "VXLAN"
```

## Response samples

202

400

401

403

404

422

423

500

### Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Ethernet Port Profile

Manage ethernet port profiles.

### Create Ethernet Port Profile

Create a new ethernet port profile.

REQUEST BODY SCHEMA: application/json

required

|                                 |                                                                                                                            |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| authType                        | string<br>Default: "DISABLED"<br>Enum: "DISABLED" "SUPPLICANT" "PORT_BASED_AUTHENTICATOR" "MAC_BASED_AUTHENTICATOR" "OPEN" |
| bypassMacAddressAuthentication  | boolean<br>Default: false                                                                                                  |
| dynamicVlanEnabled              | boolean<br>Default: false                                                                                                  |
| enableAccountingProxy           | boolean<br>Default: false                                                                                                  |
| enableAuthProxy                 | boolean<br>Default: false                                                                                                  |
| name                            | string [ 2 .. 32 ] characters                                                                                              |
| supplicantAuthenticationOptions | object (SupplicantAuthenticationOptions)<br>Supplicant Authentication Options.                                             |
| type<br>required                | string or null<br>Enum: "ACCESS" "SELECTIVE_TRUNK" "TRUNK"                                                                 |
| unauthenticatedGuestVlan        | integer <int32> [ 1 .. 4094 ]                                                                                              |
| untagId                         | integer <int32> [ 1 .. 4094 ]                                                                                              |
| vlanMembers                     | string ^(?:[1-9] [1-8][0-9] 9[0-9] [1-8][0-9]{2} 9[0... Show pattern                                                       |

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**POST** /ethernetPortProfiles

### Request samples

#### Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "authType": "DISABLED",
  "bypassMacAddressAuthentication": false,
  "dynamicVlanEnabled": false,
  "enableAccountingProxy": false,
  "enableAuthProxy": false,
  "name": "string",
  "supplicantAuthenticationOptions": {
    "password": "string",
    "type": "DISABLED",
    "username": "string"
  },
  "type": "ACCESS",
  "unauthenticatedGuestVlan": 1,
  "untagId": 1,
  "vlanMembers": "string"
}
```

### Response samples

**202**

400

401

403

404

422

423

500

Content type

application/json

Copy Expand all Collapse all

```
{
```

```
    "requestId": "string",
  -  "response": {
      "id": "string"
    }
  }
}
```

## Delete Ethernet Port Profile

Delete an ethernet port profile.

### PATH PARAMETERS

|                         |                          |
|-------------------------|--------------------------|
| → ethernetPortProfileId | string                   |
| required                | Ethernet port profile ID |

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**DELETE** /ethernetPortProfiles/{ethernetPortProfileId} ▼

### Response samples

202

400

401

403

404

422

423

500

#### Content type

application/json ▼

Copy

```
{
  "requestId": "string"
}
```

## Get Ethernet Port Profile

Get the ethernet port profile details.

### PATH PARAMETERS

→ ethernetPortProfileId string  
required Ethernet port profile ID

## Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /ethernetPortProfiles/{ethernetPortProfileId}

## Response samples

200

400

401

403

404

422

423

500

### Content type

application/json

Copy Expand all Collapse all

```
{
  "authType": "DISABLED",
  "bypassMacAddressAuthentication": false,
  "dynamicVlanEnabled": false,
  "enableAccountingProxy": false,
  "enableAuthProxy": false,
  "id": "string",
  "isDefault": false,
  "name": "string",
  "supplicantAuthenticationOptions": {
    "password": "string",
    "type": "DISABLED",
    "username": "string"
  },
  "type": "ACCESS",
  "unauthenticatedGuestVlan": 1,
  "untagId": 1,
  "vlanMembers": "string"
}
```

## Update Ethernet Port Profile

Update an ethernet port profile.

PATH PARAMETERS

→ ethernetPortProfileId string  
required Ethernet port profile ID

REQUEST BODY SCHEMA: application/json  
required

|                                     |                                                                                                                            |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| → authType                          | string<br>Default: "DISABLED"<br>Enum: "DISABLED" "SUPPLICANT" "PORT_BASED_AUTHENTICATOR" "MAC_BASED_AUTHENTICATOR" "OPEN" |
| → bypassMacAddressAuthentication    | boolean<br>Default: false                                                                                                  |
| → dynamicVlanEnabled                | boolean<br>Default: false                                                                                                  |
| → enableAccountingProxy             | boolean<br>Default: false                                                                                                  |
| → enableAuthProxy                   | boolean<br>Default: false                                                                                                  |
| → name                              | string [ 2 .. 32 ] characters                                                                                              |
| → supplicantAuthenticationOptions > | object (SupplicantAuthenticationOptions)<br>Supplicant Authentication Options.                                             |
| → type<br>required                  | string or null<br>Enum: "ACCESS" "SELECTIVE_TRUNK" "TRUNK"                                                                 |
| → unauthenticatedGuestVlan          | integer <int32> [ 1 .. 4094 ]                                                                                              |
| → untagId                           | integer <int32> [ 1 .. 4094 ]                                                                                              |
| → vlanMembers                       | string ^(?:[1-9] [1-8][0-9] 9[0-9] [1-8][0-9]{2} 9[0... Show pattern                                                       |

Responses

|                                                      |
|------------------------------------------------------|
| > 202 Accepted                                       |
| > 400 Bad/malformed request                          |
| > 401 Not-authorized                                 |
| > 403 Forbidden                                      |
| > 404 Requested resource or related-entity not found |
| > 422 Validation error                               |
| > 423 Locked                                         |
|                                                      |

> 500 Internal Server Error

PUT /ethernetPortProfiles/{ethernetPortProfileId}

### Request samples

#### Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "authType": "DISABLED",
  "bypassMacAddressAuthentication": false,
  "dynamicVlanEnabled": false,
  "enableAccountingProxy": false,
  "enableAuthProxy": false,
  "name": "string",
  "supplicantAuthenticationOptions": {
    "password": "string",
    "type": "DISABLED",
    "username": "string"
  },
  "type": "ACCESS",
  "unauthenticatedGuestVlan": 1,
  "untagId": 1,
  "vlanMembers": "string"
}
```

### Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Deactivate RADIUS Server Profile On Ethernet Port Profile

Deactivate RADIUS server profile on ethernet port profile for 802.1X authentication. Should be called after creating a 802.1X ethernet port profile.

#### PATH PARAMETERS

|                       |                           |
|-----------------------|---------------------------|
| ethernetPortProfileId | string                    |
| required              | Ethernet port profile ID. |
| radiusServerProfileId | string                    |
| required              | RADIUS Server Profile ID. |

Responses

- > **202** Accepted
- > **400** Bad/malformed request
- > **401** Not-authorized
- > **403** Forbidden
- > **404** Requested resource or related-entity not found
- > **422** Validation error
- > **423** Locked
- > **500** Internal Server Error

**DELETE** /ethernetPortProfiles/{ethernetPortProfileId}/radiusServerProfiles... ▾

**Response samples**

202400401403404422423500

Content type

application/json ▾

Copy

```
{  "requestId": "string"}
```

Activate RADIUS Server Profile On Ethernet Port Profile

Activate RADIUS server profile on ethernet port profile for 802.1X authentication. Should be called after creating a 802.1X ethernet port profile.

| PATH PARAMETERS       |        |                           |
|-----------------------|--------|---------------------------|
| ethernetPortProfileId | string | Ethernet port profile ID. |
| required              |        |                           |
| radiusServerProfileId | string | RADIUS Server Profile ID. |
| required              |        |                           |

Responses

- > **202** Accepted
- > **400** Bad/malformed request
- > **401** Not-authorized



> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /ethernetPortProfiles/{ethernetPortProfileId}/radiusServerProfiles/{... ▾

#### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

##### Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Get Venue AP Model LAN Port Specific Settings

Get venue AP model LAN port specific settings.

#### PATH PARAMETERS

|                            |                          |
|----------------------------|--------------------------|
| <b>venueId</b><br>required | string<br>Venue ID.      |
| <b>apModel</b><br>required | string<br>AP Model Name. |

#### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

GET /venues/{venueId}/apModels/{apModel}/lanPortSpecificSettings

### Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "poeMode": "Auto",
  "poeOut": false
}
```

## Update Venue AP Model LAN Port Specific Settings

Update venue AP model LAN port specific settings.

### PATH PARAMETERS

|                     |                          |
|---------------------|--------------------------|
| venueId<br>required | string<br>Venue ID.      |
| apModel<br>required | string<br>AP Model Name. |

REQUEST BODY SCHEMA: application/json  
required

|         |                                                                                                                            |
|---------|----------------------------------------------------------------------------------------------------------------------------|
| poeMode | string or null<br>Enum: "Auto" "802.3af" "802.3at" "802.3bt-Class_5" "802.3bt-Class_6" "802.3bt-Class_7" "802.3bt-Class_8" |
| poeOut  | boolean<br>Default: false                                                                                                  |

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

PUT /venues/{venueId}/apModels/{apModel}/lanPortSpecificSettings

#### Request samples

##### Payload

Content type

application/json

Copy

```
{
  "poeMode": "Auto",
  "poeOut": false
}
```

#### Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Deactivate Ethernet Port Profile On Venue AP Model LAN Port

Deactivate ethernet port profile on venue, specific to AP model and LAN ports.

#### PATH PARAMETERS

|                       |                           |
|-----------------------|---------------------------|
| venueId               | string                    |
| required              | Venue ID.                 |
| apModel               | string                    |
| required              | AP Model Name.            |
| portId                | string                    |
| required              | Port ID.                  |
| ethernetPortProfileId | string                    |
| required              | Ethernet port profile ID. |

#### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**DELETE** /venues/{venueId}/apModels/{apModel}/lanPorts/{portId}/ethernetPor... ▾

#### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Activate Ethernet Port Profile On Venue AP Model LAN Port

Activate ethernet port profile on venue, specific to AP model and LAN ports.

#### PATH PARAMETERS

|                                   |                                     |
|-----------------------------------|-------------------------------------|
| venueId<br>required               | string<br>Venue ID.                 |
| apModel<br>required               | string<br>AP Model Name.            |
| portId<br>required                | string<br>Port ID.                  |
| ethernetPortProfileId<br>required | string<br>Ethernet port profile ID. |

#### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /venues/{venueId}/apModels/{apModel}/lanPorts/{portId}/ethernetPortP... ▾

#### Response samples

202

400

401

403

404

422

423

500

Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Get Venue AP Model LAN Port Settings

Get venue AP model LAN port settings.

#### PATH PARAMETERS

|                     |                          |
|---------------------|--------------------------|
| venueId<br>required | string<br>Venue ID.      |
| apModel<br>required | string<br>AP Model Name. |
| portId<br>required  | string<br>Port ID.       |

#### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> 500 Internal Server Error

GET /venues/{venueId}/apModels/{apModel}/lanPorts/{portId}/settings

### Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy Expand all Collapse all

```
{
  "clientIsolationEnabled": false,
  "clientIsolationSettings": {
    "autoVrrp": false,
    "packetsType": "UNICAST"
  },
  "dhcpOption82Enabled": false,
  "dhcpOption82Settings": {
    "macDelimiter": "NONE",
    "subOption150Enabled": false,
    "subOption151Enabled": false,
    "subOption151Format": "AREA_NAME",
    "subOption151Text": "string",
    "subOption1Customization": { ... },
    "subOption1Enabled": false,
    "subOption1Format": "AP_INFO",
    "subOption2Enabled": false,
    "subOption2Format": "CLIENT_MAC"
  },
  "enabled": true,
  "softGreEnabled": false
}
```

## Update Venue AP Model LAN Port Settings

Update venue AP model LAN port settings.

### PATH PARAMETERS

|                     |                          |
|---------------------|--------------------------|
| venueId<br>required | string<br>Venue ID.      |
| apModel<br>required | string<br>AP Model Name. |
| portId<br>required  | string<br>Port ID.       |

REQUEST BODY SCHEMA: application/json  
required

|                        |                           |
|------------------------|---------------------------|
| clientIsolationEnabled | boolean<br>Default: false |
|------------------------|---------------------------|

|                           |                                                                                        |
|---------------------------|----------------------------------------------------------------------------------------|
| clientIsolationSettings > | object (LanPortClientIsolationSettings)<br>Lan port client isolation profile settings. |
| dhcpOption82Enabled       | boolean<br>Default: <code>false</code>                                                 |
| dhcpOption82Settings >    | object (DhcpOption82Settings)<br>DHCP option 82 settings.                              |
| enabled                   | boolean<br>Default: <code>true</code>                                                  |

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /venues/{venueId}/apModels/{apModel}/lanPorts/{portId}/settings

## Request samples

### Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "clientIsolationEnabled": false,
  "clientIsolationSettings": {
    "autoVrrp": false,
    "packetsType": "UNICAST"
  },
  "dhcpOption82Enabled": false,
  "dhcpOption82Settings": {
    "macDelimiter": "NONE",
    "subOption150Enabled": false,
    "subOption151Enabled": false,
    "subOption151Format": "AREA_NAME",
    "subOption151Text": "string",
    "subOption1Customization": { ... },
    "subOption1Enabled": false,
    "subOption1Format": "AREA_NAME",
    "subOption1Text": "string"
  }
}
```

```
"subOption1Format": "AP_INFO",
"subOption2Enabled": false,
"subOption2Format": "CLIENT_MAC"
},
"enabled": true
}
```

### Response samples

202

400

401

403

404

422

423

500

#### Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Get AP LAN Port Specific Settings

Get AP LAN port specific settings.

### PATH PARAMETERS

|                          |                             |
|--------------------------|-----------------------------|
| venueId<br>required      | string<br>Venue ID.         |
| serialNumber<br>required | string<br>AP Serial Number. |

### Responses

> 200 OK

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

GET /venues/{venueId}/aps/{serialNumber}/lanPortSpecificSettings

### Response samples

200

400

401

403

404

422

423

500



200400401403404422423500

Content type

application/json

Copy

```
{  "poeMode": "Auto",  "poeOut": false,  "useVenueSettings": false}
```

## Update AP LAN Port Specific Settings

Update AP LAN port specific settings.

### PATH PARAMETERS

|                          |                             |
|--------------------------|-----------------------------|
| venueId<br>required      | string<br>Venue ID.         |
| serialNumber<br>required | string<br>AP Serial Number. |

REQUEST BODY SCHEMA: application/json ▼  
required

|                  |                                                                                                                            |
|------------------|----------------------------------------------------------------------------------------------------------------------------|
| poeMode          | string or null<br>Enum: "Auto" "802.3af" "802.3at" "802.3bt-Class_5" "802.3bt-Class_6" "802.3bt-Class_7" "802.3bt-Class_8" |
| poeOut           | boolean<br>Default: false                                                                                                  |
| useVenueSettings | boolean<br>Default: false                                                                                                  |

### Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

PUT /venues/{venueId}/aps/{serialNumber}/lanPortSpecificSettings

## Request samples

### Payload

Content type

application/json

Copy

```
{
  "poeMode": "Auto",
  "poeOut": false,
  "useVenueSettings": false
}
```

## Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

# Deactivate Ethernet Port Profile On AP LAN Port

Deactivate ethernet port profile on AP, specific to LAN ports. It will also clear VLAN overwrite setting.

## PATH PARAMETERS

|                                   |                                     |
|-----------------------------------|-------------------------------------|
| venueId<br>required               | string<br>Venue ID.                 |
| serialNumber<br>required          | string<br>AP Serial Number.         |
| portId<br>required                | string<br>Port ID.                  |
| ethernetPortProfileId<br>required | string<br>Ethernet port profile ID. |

## Responses

> 202 Accepted

> 400 Bad/malformed request

> 401 Not-authorized

- > **403** Forbidden
- > **404** Requested resource or related-entity not found
- > **422** Validation error
- > **423** Locked
- > **500** Internal Server Error

**DELETE** /venues/{venueId}/aps/{serialNumber}/lanPorts/{portId}/ethernetPor... ▾

#### Response samples

202

400

401

403

404

422

423

500

##### Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Activate Ethernet Port Profile On AP LAN Port

Activate ethernet port profile on AP, specific to LAN ports. It will also clear VLAN overwrite setting.

#### PATH PARAMETERS

|                                   |                                     |
|-----------------------------------|-------------------------------------|
| venueId<br>required               | string<br>Venue ID.                 |
| serialNumber<br>required          | string<br>AP Serial Number.         |
| portId<br>required                | string<br>Port ID.                  |
| ethernetPortProfileId<br>required | string<br>Ethernet port profile ID. |

#### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

- > **422** Validation error
- > **423** Locked
- > **500** Internal Server Error

**PUT** /venues/{venueId}/aps/{serialNumber}/lanPorts/{portId}/ethernetPortP... ▾

Response samples

- 202
- 400
- 401
- 403
- 404
- 422
- 423
- 500

Content type  
application/json ▾

Copy

```
{
  "requestId": "string"
}
```

Get AP LAN Port Settings

Get AP LAN port settings.

PATH PARAMETERS

|                          |                             |
|--------------------------|-----------------------------|
| venueId<br>required      | string<br>Venue ID.         |
| serialNumber<br>required | string<br>AP Serial Number. |
| portId<br>required       | string<br>Port ID.          |

Responses

- > **200** OK
- > **400** Bad/malformed request
- > **401** Not-authorized
- > **403** Forbidden
- > **404** Requested resource or related-entity not found
- > **422** Validation error
- > **423** Locked
- > **500** Internal Server Error

**GET** /venues/{venueId}/aps/{serialNumber}/lanPorts/{portId}/settings... ▾

GET /venues/{venueId}/aps/{serialNumber}/lanPorts/{portId}/settings

Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy Expand all Collapse all

```
{
  "clientIsolationEnabled": false,
  "clientIsolationSettings": {
    "autoVrrp": false,
    "packetsType": "UNICAST"
  },
  "dhcpOption82Enabled": false,
  "dhcpOption82Settings": {
    "macDelimiter": "NONE",
    "subOption150Enabled": false,
    "subOption151Enabled": false,
    "subOption151Format": "AREA_NAME",
    "subOption151Text": "string",
    "subOption1Customization": { ... },
    "subOption1Enabled": false,
    "subOption1Format": "AP_INFO",
    "subOption2Enabled": false,
    "subOption2Format": "CLIENT_MAC"
  },
  "enabled": true,
  "overwriteUntagId": 1,
  "overwriteVlanMembers": "string",
  "softGreEnabled": false
}
```

Update AP LAN Port Settings

Update AP LAN port settings.

PATH PARAMETERS

|                          |                             |
|--------------------------|-----------------------------|
| venueId<br>required      | string<br>Venue ID.         |
| serialNumber<br>required | string<br>AP Serial Number. |
| portId<br>required       | string<br>Port ID.          |

REQUEST BODY SCHEMA: application/json  
required

|                           |                                                                                                      |
|---------------------------|------------------------------------------------------------------------------------------------------|
| clientIsolationEnabled    | boolean<br>Default: <code>false</code>                                                               |
| clientIsolationSettings > | object (LanPortClientIsolationSettings)<br>Lan port client isolation profile settings.               |
| dhcpOption82Enabled       | boolean<br>Default: <code>false</code>                                                               |
| dhcpOption82Settings >    | object (DhcpOption82Settings)<br>DHCP option 82 settings.                                            |
| enabled                   | boolean<br>Default: <code>true</code>                                                                |
| overwriteUntagId          | integer <int32> <code>[1 .. 4094]</code>                                                             |
| overwriteVlanMembers      | string <code>^(?:[1-9] [1-8][0-9] 9[0-9] [1-8][0-9]{2} 9[0-9]...</code> <a href="#">Show pattern</a> |

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /venues/{venueId}/aps/{serialNumber}/lanPorts/{portId}/settings

## Request samples

### Payload

Content type

application/json

[Copy](#) [Expand all](#) [Collapse all](#)

```
{
  "clientIsolationEnabled": false,
  "clientIsolationSettings": {
    "autoVrrp": false,
    "packetsType": "UNICAST"
  },
  "dhcpOption82Enabled": false,
  "dhcpOption82Settings": {
    "option82SubIdentifier": "NONE"
```

```
    "macDelimiter": "NONE",
    "subOption150Enabled": false,
    "subOption151Enabled": false,
    "subOption151Format": "AREA_NAME",
    "subOption151Text": "string",
+   "subOption1Customization": { ... },
    "subOption1Enabled": false,
    "subOption1Format": "AP_INFO",
    "subOption2Enabled": false,
    "subOption2Format": "CLIENT_MAC"
  },
  "enabled": true,
  "overwriteUntagId": 1,
  "overwriteVlanMembers": "string"
}
```

## Response samples

202

400

401

403

404

422

423

500

### Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Device Policy

Manage device policies.

### Deactivate Device Policy On Access Control Profile

Use this API command to delete a relationship between device policy and access control profile.

#### PATH PARAMETERS

|                        |                    |                           |
|------------------------|--------------------|---------------------------|
| accessControlProfileId | string<br>required | Access Control Profile ID |
| devicePolicyId         | string<br>required | Device Policy ID          |

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

DELETE /accessControlProfiles/{accessControlProfileId}/devicePolicies/{de... ▾

Response samples

202 400 401 403 404 422 423 500

Content type

application/json ▾

Copy

```
{  "requestId": "string"}
```

Activate Device Policy On Access Control Profile

Use this API command to build a relationship between device policy and access control profile.

| PATH PARAMETERS        |        |                           |
|------------------------|--------|---------------------------|
| accessControlProfileId | string | Access Control Profile ID |
| devicePolicyId         | string | Device Policy ID          |

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized



> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

PUT /accessControlProfiles/{accessControlProfileId}/devicePolicies/{devi... ▾

### Response samples

202

400

401

403

404

422

423

500

Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Create Device-Policy

Create a new device-policy. Content-Type: "application/vnd.ruckus.v1+json" will be deprecated on 2024/09/01.

REQUEST BODY SCHEMA: application/json ▾

required

|                  |                                                       |
|------------------|-------------------------------------------------------|
| defaultAccess    | string<br>Default: "ALLOW"<br>Enum: "ALLOW" "BLOCK"   |
| description      | string [ 2 .. 180 ] characters                        |
| name<br>required | string [ 2 .. 32 ] characters                         |
| rules >          | Array of objects (DevicePolicyRule) [ 1 .. 32 ] items |

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**POST** /devicePolicies

Request samples

Payload

Content type  
application/json

Copy Expand all Collapse all

```
{
  "defaultAccess": "ALLOW",
  "description": "string",
  "name": "string",
  "rules": [
    + { ... }
  ]
}
```

Response samples

202

400

401

403

404

422

423

500

Content type  
application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": {
    "defaultAccess": "ALLOW",
    "description": "string",
    "id": "string",
    "name": "string",
    + "rules": [ ... ],
    "tenantId": "string"
  }
}
```

Delete Device-Policy

Delete a device-policy. Content-Type: "application/vnd.ruckus.v1+json" will be deprecated on 2024/09/01.

PATH PARAMETERS

devicePolicyId  
required

string  
Device-policy ID

Responses

- > **202** Accepted
- > **400** Bad/malformed request
- > **401** Not-authorized
- > **403** Forbidden
- > **404** Requested resource or related-entity not found
- > **422** Validation error
- > **423** Locked
- > **500** Internal Server Error

DELETE /devicePolicies/{devicePolicyId}

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{  "requestId": "string"}
```

Get Device-Policy

Get the device-policy details.

PATH PARAMETERS

|                                               |                                               |
|-----------------------------------------------|-----------------------------------------------|
| <div>devicePolicyId</div> <div>required</div> | <div>string</div> <div>Device-policy ID</div> |
|-----------------------------------------------|-----------------------------------------------|

Responses

- > **200** OK
- > **400** Bad/malformed request
- > **401** Not-authorized
- > **403** Forbidden
- > **404** Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

GET /devicePolicies/{devicePolicyId}

Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy Expand all Collapse all

```
{
  "defaultAccess": "ALLOW",
  "description": "string",
  "id": "string",
  "name": "string",
  "rules": [
    + { ... }
  ],
  "tenantId": "string"
}
```

Update Device-Policy

Update a device-policy. Content-Type: "application/vnd.ruckus.v1+json" will be deprecated on 2024/09/01.

PATH PARAMETERS

devicePolicyId string  
required Device-policy ID

REQUEST BODY SCHEMA: application/json  
required

defaultAccess string  
Default: "ALLOW"  
Enum: "ALLOW" "BLOCK"

description string [ 2 .. 180 ] characters

name string [ 2 .. 32 ] characters  
required

rules > Array of objects (DevicePolicyRule) [ 1 .. 32 ] items

Responses

> 202 Accepted

> 400 Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /devicePolicies/{devicePolicyId}

### Request samples

#### Payload

Content type  
application/json

Copy Expand all Collapse all

```
{
  "defaultAccess": "ALLOW",
  "description": "string",
  "name": "string",
  "rules": [
    + { ... }
  ]
}
```

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type  
application/json

Copy

```
{
  "requestId": "string"
}
```

## Deactivate Device Policy On Wi-Fi Network

Use this API command to delete a relationship between device policy and Wi-Fi network.

### PATH PARAMETERS

|               |                  |
|---------------|------------------|
| wifiNetworkId | string           |
| required      | Wi-Fi Network ID |
| policyId      | string           |
| required      | Device Policy ID |

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

DELETE /wifiNetworks/{wifiNetworkId}/devicePolicies/{policyId} ▾

Response samples

202400401403404422423500

Content type

application/json ▾

Copy

```
{  "requestId": "string"}
```

Activate Device Policy On Wi-Fi Network

Use this API command to build a relationship between device policy and Wi-Fi network.

PATH PARAMETERS

|               |                  |
|---------------|------------------|
| wifiNetworkId | string           |
| required      | Wi-Fi Network ID |
| policyId      | string           |
| required      | Device Policy ID |

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized

## > 403 Forbidden

> **404** Requested resource or related-entity not found

## > 422 Validation error

> 423 Locked

## > 500 Internal Server Error

PUT /wifiNetworks/{wifiNetworkId}/devicePolicies/{policyId}

## Response samples

202

422

423

**Content type**

```
application/json
```

Copy

```
{
  "requestId": "string"
}
```

## MDNS Proxy Service Profile

Manage Multicast DNS proxy service profiles.

## Create Multicast DNS Proxy Service Profile

Create a new multicast DNS proxy service profile.

REQUEST BODY SCHEMA: application/json

required

rules &gt;

Array of objects (MulticastDnsProxyServiceRule)

serviceName  
required

```
string (?=^(?!(`|\$\\)).){2,32}$)^(\\S.*\\S)$
```

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

## > 403 Forbidden

> **404** Requested resource or related-entity not found

## > 422 Validation error

> **423** Locked

> **500** Internal Server Error

**POST** /multicastDnsProxyProfiles

Request samples

Payload

Content type  
application/json

Copy Expand all Collapse all

```
{
  "rules": [
    + { ... }
  ],
  "serviceName": "string"
}
```

Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type  
application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": {
    "id": "string"
  }
}
```

Delete Multicast DNS Proxy Service Profile

Delete a multicast DNS proxy service profile.

PATH PARAMETERS

→ multicastDnsProxyProfileId string  
required Multicast DNS Proxy Profile ID

Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized



> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**DELETE** /multicastDnsProxyProfiles/{multicastDnsProxyProfileId} ▼

#### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**423**

**500**

Content type

application/json ▼

Copy

```
{
  "requestId": "string"
}
```

## Get Multicast DNS Proxy Service Profile

Get the multicast DNS proxy service profile details.

#### PATH PARAMETERS

→ **multicastDnsProxyProfileId** string  
required Multicast DNS Proxy profile ID

#### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**GET** /multicastDnsProxyProfiles/{multicastDnsProxyProfileId} ▼

## Response samples

200

422

423

Content type

```
application/json
```

Copy

Expand all

[Collapse all](#)

```
{
  "id": "string",
  "rules": [
    + { ... }
  ],
  "serviceName": "string"
}
```

## Update Multicast DNS Proxy Service Profile

Update a multicast DNS proxy service profile.

## PATH PARAMETERS

|   |                            |        |                                |
|---|----------------------------|--------|--------------------------------|
| ➔ | multicastDnsProxyProfileId | string |                                |
|   | required                   |        | Multicast DNS Proxy Profile ID |

REQUEST BODY SCHEMA: application/json 

|                         |                                                       |
|-------------------------|-------------------------------------------------------|
| rules >                 | Array of objects (MulticastDnsProxyServiceRule)       |
| serviceName<br>required | string (?=^(?!(` \$\ ) \) \.) ){2,32}\$)^(\\S.*\\S)\$ |

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

## > 403 Forbidden

> **404** Requested resource or related-entity not found

## > 422 Validation error

> 423 Locked

## > 500 Internal Server Error

PUT

```
/multicastDnsProxyProfiles/{multicastDnsProxyProfileId}
```



Request samples

Payload

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "rules": [
    + { ... }
  ],
  "serviceName": "string"
}
```

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Deactivate Multicast DNS Proxy Service Profile On the AP

Deactivate multicast DNS proxy service profile on the AP.

| PATH PARAMETERS            |                                |  |
|----------------------------|--------------------------------|--|
| venueId                    | string                         |  |
| required                   | Venue ID                       |  |
| apSerialNumber             | string                         |  |
| required                   | The serial number of the AP.   |  |
| multicastDnsProxyProfileId | string                         |  |
| required                   | Multicast DNS Proxy Profile ID |  |

### Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**DELETE** /venues/{venueId}/aps/{apSerialNumber}/multicastDnsProxyProfiles/{...} ▾

#### Response samples

202

400

401

403

404

422

423

500

#### Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

## Activate Multicast DNS Proxy Service Profile On the AP

Activate multicast DNS proxy service profile on the AP.

#### PATH PARAMETERS

|                                        |                                          |
|----------------------------------------|------------------------------------------|
| venueId<br>required                    | string<br>Venue ID                       |
| apSerialNumber<br>required             | string<br>The serial number of the AP.   |
| multicastDnsProxyProfileId<br>required | string<br>Multicast DNS Proxy Profile ID |

#### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

## > 500 Internal Server Error

PUT /venues/{venueId}/aps/{apSerialNumber}/multicastDnsProxyProfiles/{mu... ▾

## Response samples

202

422

423

Content type

```
application/json
```

Copy

```
{
  "requestId": "string"
}
```

## Tunnel Service Profile Template

Manage tunnel service profile templates.

## Add Tunnel Service Profile Template

Use this API command to create a new tunnel service profile template.

REQUEST BODY SCHEMA: application/json

required

|                         |                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| ageTimeMinutes          | integer <int32> [ 5 .. 10080 ]<br>Default: 20                                                                                            |
| destinationIpAddress    | string ^(?:(:?25[0-5] 2[0-4][0-9] 1[0-9][0-9] [1-9][... Show pattern                                                                     |
| forceFragmentation      | boolean<br>Default: false                                                                                                                |
| keepAliveInterval       | integer <int32> [ 1 .. 5 ]<br>Default: 2<br>The unit is seconds.                                                                         |
| keepAliveRetry          | integer <int32> [ 3 .. 10 ]<br>Default: 5                                                                                                |
| mtuRequestRetry         | integer <int32> [ 3 .. 64 ]<br>This setting is only effective in path maximum transmission unit auto mode.                               |
| mtuRequestTimeout       | integer <int32> [ 10 .. 10000 ]<br>The unit is milliseconds. This setting is only effective in path maximum transmission unit auto mode. |
| mtuSize                 | integer <int32> [ 576 .. 1450 ]                                                                                                          |
| mtuType                 | string<br>Default: "AUTO"<br>Enum: "MANUAL" "AUTO"                                                                                       |
| name<br><b>required</b> | string (?=^(?!(` \\\$\\(\\) \\.){2,32}\$)^\\S.*\\S)\$                                                                                    |
| natTraversalEnabled     | boolean<br>Default: false                                                                                                                |

|            |                                                                                   |
|------------|-----------------------------------------------------------------------------------|
|            | For toggling whether NAT traversal support is needed for the tunnel.              |
| tag        | string                                                                            |
| tunnelType | string<br>Default: "VXLAN_GPE"<br>Enum: "VXLAN_GPE" "L2GRE"<br>Tunnel type.       |
| type       | string<br>Default: "VXLAN"<br>Enum: "VXLAN" "VLAN_VXLAN"<br>Network segment type. |

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**POST** /templates/tunnelServiceProfiles

## Request samples

### Payload

Content type

application/json

Copy

```
{
  "ageTimeMinutes": 20,
  "destinationIpAddress": "string",
  "forceFragmentation": false,
  "keepAliveInterval": 2,
  "keepAliveRetry": 5,
  "mtuRequestRetry": 3,
  "mtuRequestTimeout": 10,
  "mtuSize": 576,
  "mtuType": "MANUAL",
  "name": "string",
  "natTraversalEnabled": false,
  "tag": "string",
```

```
"tunnelType": "VXLAN_GPE",
"type": "VXLAN"
}
```

### Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "requestId": "string",
  "response": {
    "id": "string"
  }
}
```

## Delete Tunnel Service Profile Template

Use this API command to delete a tunnel service profile template.

### PATH PARAMETERS

→ tunnelServiceProfileTemplateId string  
required Tunnel Service Profile Template ID

### Responses

> 202 Accepted

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

> 500 Internal Server Error

DELETE /templates/tunnelServiceProfiles/{tunnelServiceProfileTemplateId} ▾

### Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Get Tunnel Service Profile Template

Use this API command to get the tunnel service profile template details.

### PATH PARAMETERS

→ **tunnelServiceProfileTemplateId** string  
**required** Tunnel Service Profile Template ID

### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**GET** /templates/tunnelServiceProfiles/{tunnelServiceProfileTemplateId}

### Response samples

**200**

400

401

403

404

422

423

500

#### Content type

application/json

Copy

```
{
  "ageTimeMinutes": 20,
  "destinationIpAddress": "string",
  "forceFragmentation": false,
  "id": "string",
  "keepAliveInterval": 2,
  "keepAliveRetry": 5,
  "mtuRequestRetry": 3,
  "mtuRequestTimeout": 10,
  "mtuSize": 576
}
```



```
"mtuSize": 576,  
"mtuType": "MANUAL",  
"name": "string",  
"natTraversalEnabled": false,  
"tag": "string",  
"tunnelType": "VXLAN_GPE",  
"type": "VXLAN"  
}
```

## Update Tunnel Service Profile Template

Use this API command to update a tunnel service profile template.

### PATH PARAMETERS

→ **tunnelServiceProfileTemplateId** string  
**required** Tunnel Service Profile Template ID

REQUEST BODY SCHEMA: application/json  
**required**

|                           |                                                                                                                                          |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| → ageTimeMinutes          | integer <int32> [ 5 .. 10080 ]<br>Default: 20                                                                                            |
| → destinationIpAddress    | string ^(?:?:25[0-5] 2[0-4][0-9] 1[0-9][0-9] [1-9][...]<br>Show pattern                                                                  |
| → forceFragmentation      | boolean<br>Default: false                                                                                                                |
| → keepAliveInterval       | integer <int32> [ 1 .. 5 ]<br>Default: 2<br>The unit is seconds.                                                                         |
| → keepAliveRetry          | integer <int32> [ 3 .. 10 ]<br>Default: 5                                                                                                |
| → mtuRequestRetry         | integer <int32> [ 3 .. 64 ]<br>This setting is only effective in path maximum transmission unit auto mode.                               |
| → mtuRequestTimeout       | integer <int32> [ 10 .. 10000 ]<br>The unit is milliseconds. This setting is only effective in path maximum transmission unit auto mode. |
| → mtuSize                 | integer <int32> [ 576 .. 1450 ]                                                                                                          |
| → mtuType                 | string<br>Default: "AUTO"<br>Enum: "MANUAL" "AUTO"                                                                                       |
| → name<br><b>required</b> | string (?=^((?!(` \$\ ))){2,32}\$)^(\\S.*\\S)\$                                                                                          |
| → natTraversalEnabled     | boolean<br>Default: false<br>For toggling whether NAT traversal support is needed for the tunnel.                                        |
| → tag                     | string                                                                                                                                   |
| → tunnelType              | string<br>Default: "VXLAN_GPE"<br>Enum: "VXLAN_GPE" "L2GRE"                                                                              |

|      |                                                                                   |
|------|-----------------------------------------------------------------------------------|
| type | Tunnel type.                                                                      |
|      | string<br>Default: "VXLAN"<br>Enum: "VXLAN" "VLAN_VXLAN"<br>Network segment type. |

Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

PUT /templates/tunnelServiceProfiles/{tunnelServiceProfileTemplateId}

Request samples

Payload

Content type

application/json

Copy

```
{
  "ageTimeMinutes": 20,
  "destinationIpAddress": "string",
  "forceFragmentation": false,
  "keepAliveInterval": 2,
  "keepAliveRetry": 5,
  "mtuRequestRetry": 3,
  "mtuRequestTimeout": 10,
  "mtuSize": 576,
  "mtuType": "MANUAL",
  "name": "string",
  "natTraversalEnabled": false,
  "tag": "string",
  "tunnelType": "VXLAN_GPE",
  "type": "VXLAN"
}
```

Response samples

202400401403404422423500

Content type

application/json

Copy

```
{  "requestId": "string"}
```

## DPSK Service Template

Manage DPSK service templates.

### Activate DPSK Service Template On Wi-Fi Network Template

Use this API command to build the relationship between DPSK service template and Wi-Fi network template.

#### PATH PARAMETERS

|                       |                           |
|-----------------------|---------------------------|
| wifiNetworkTemplateId | string                    |
| required              | Wi-Fi Network Template ID |
| dpskServiceTemplateId | string                    |
| required              | DPSK Service Template ID  |

#### Responses

- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Not-authorized
- > 403 Forbidden
- > 404 Requested resource or related-entity not found
- > 422 Validation error
- > 423 Locked
- > 500 Internal Server Error

PUT /templates/wifiNetworks/{wifiNetworkTemplateId}/dpskServices/{dpskSe... ▾

Response samples

202400401403404422423500

Content type

application/json

Copy

```
{
  "requestId": "string"
}
```

## Certificate Template Activation

Manage certificate templates.

### Deactivate Certificate Template On Wi-Fi Network

Use this API command to delete the relationship between certificate template and Wi-Fi network.

#### PATH PARAMETERS

|                                   |                                   |
|-----------------------------------|-----------------------------------|
| wifiNetworkId<br>required         | string<br>Wi-Fi Network ID        |
| certificateTemplateId<br>required | string<br>Certificate Template ID |

#### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**DELETE** /wifiNetworks/{wifiNetworkId}/certificateTemplates/{certificateTem... ▾

#### Response samples

202

400

401

403

404

422

423

500

Content type

application/json ▾

Copy

```
{
  "requestId": "string"
}
```

### Activate Certificate Template On Wi-Fi Network

## Associate Certificate Template with Wi-Fi Network

Use this API command to build the relationship between certificate template and Wi-Fi network.

### PATH PARAMETERS

|                                                  |                                   |
|--------------------------------------------------|-----------------------------------|
| wifiNetworkId<br><small>required</small>         | string<br>Wi-Fi Network ID        |
| certificateTemplateId<br><small>required</small> | string<br>Certificate Template ID |

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Not-authorized

> **403** Forbidden

> **404** Requested resource or related-entity not found

> **422** Validation error

> **423** Locked

> **500** Internal Server Error

**PUT** /wifiNetworks/{wifiNetworkId}/certificateTemplates/{certificateTempl... ▼

### Response samples

202

400

401

403

404

422

423

500

Content type

application/json ▼

Copy

```
{
  "requestId": "string"
}
```