

Wi-Fi API and Model Documentation (17.3.3.144)

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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.

VLAN Pool Profile

Manage VLAN pool profiles.

Deactivate VLAN Pool Profile On AP Group

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

PATH PARAMETERS		
venueId required	string	Venue ID
wifiNetworkId required	string	Wi-Fi Network ID
apGroupId required	string	AP Group ID
vlanPoolProfileId required	string	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}/vlanPo... ▾

Response samples

202400401403404422423500

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	string	Venue ID
wifiNetworkId	string	Wi-Fi Network ID
apGroupId	string	AP Group ID
vlanPoolProfileId	string	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}/vlanPoolP... ▾

Response samples

202400401403404422423500

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	string	[1 .. 32] characters
vlanMembers	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

Content type
application/json

CopyExpand allCollapse all

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

Delete VLAN Pool Profile

Use this API command to delete a VLAN pool profile.

PATH PARAMETERS

vlanPoolProfileId required	string 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

202400401403404422423500

Content type
application/json

Copy

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

Get VLAN Pool

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

PATH PARAMETERS

→

vlanPoolProfileId

required

string
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

200400401403404422423500

Content type
application/json

CopyExpand allCollapse 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	string	[1 .. 32] characters
vlanMembers	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	string
required	

	Wi-Fi Network ID
vlanPoolProfileId required	string 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

202400401403404422423500

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 required	string Wi-Fi Network ID
vlanPoolProfileId required	string 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 required	string [2 .. 16] characters ^[a-zA-Z0-9-](?:[a-zA-Z0-9-]*[a-zA-Z0-9-])?\$...
name required	string [2 .. 32] characters
password required	string [8 .. 64] characters
serverAddress required	string ^[0-9A-Za-z]{1,63}(\.[0-9A-Za-z]{1,63})+\$ (^(\. Show pattern
serverPort 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 required	string 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

required

string

Location based service server profile ID

REQUEST BODY SCHEMA: application/json

required

lbsServerVenueName

required

string

[2 .. 16] characters

^[a-zA-Z0-9-](?:[a-zA-Z0-9-]*[a-zA-Z0-9-])?\$...

name

required

string

[2 .. 32] characters

password

required

string

[8 .. 64] characters

serverAddress

required

string

^[0-9A-Za-z]{1,63}(\.[0-9A-Za-z]{1,63})+\$(^(\. Show pattern

serverPort

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

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	string	
required	Venue ID	
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 /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	string
required	Venue ID
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

PUT /venues/{venueId}/lbsServerProfiles/{lbsServerProfileId}

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
```

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

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:	false

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 /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

Copy Expand all Collapse 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



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
}
```

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	Array of objects (ClientIsolationAllowlistEntry) [1 .. 64] items
description	string [0 .. 64] characters
name > 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

POST /clientIsolationProfiles

Request samples

Payload

Content type
application/json

Copy Expand all Collapse all

{
 "allowlist": [
 {
 "description": "
 "name": "
 },
 {
 "description": "
 "name": "
 }
]
}

```
  },
  "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 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

200400401403404422423500

Content type

application/json

CopyExpand allCollapse all

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

Update Client Isolation Profile

Update this client isolation profile.

PATH PARAMETERS

clientIsolationProfileId required	string Client Isolation Profile ID
REQUEST BODY SCHEMA: application/json required	
allowlist required	Array of objects (ClientIsolationAllowlistEntry) [1 .. 64] items
description	string [0 .. 64] characters
name 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

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

```
"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 required	string Venue ID
apModel required	string AP Model Name
portId required	string Port ID
clientIsolationProfileId required	string 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}/clientIsolationProf... ▾

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 required	string Venue ID
apModel required	string AP Model Name
portId required	string Port ID
clientIsolationProfileId required	string 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}/clientIsolationProfile... ▾

Response samples

202400401403404422423500

Content type

application/json ▾

{
 "requestId": "string"
}

Copy

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 required	string Venue ID
serialNumber required	string AP Serial Number

portId required	string Port ID
clientIsolationProfileId required	string 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}/clientIsolationProf... ▾

Response samples

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

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 required	string Venue ID
serialNumber required	string AP Serial Number
portId required	string Port ID
clientIsolationProfileId required	string 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}/clientIsolationProfile... ▾

Response samples

202400401403404422423500

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}/clientIsolationProfiles/{cl... ▼

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 required	string Venue ID
wifiNetworkId required	string Wi-Fi Network ID
clientIsolationProfileId required	string 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}/wifiNetworks/{wifiNetworkId}/clientIsolationProfiles/{clien... ▼

Response samples

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

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/{portalServiceProfileId}

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 required	string 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

200400401403404422423500

Content type

application/json

Copy

Expand all

Collapse all

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

Get Application Library Applications

PATH PARAMETERS

applicationLibraryId required	string The ID (version) of the application library.
categoryId required	integer <int32> 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}/applicat... ▾

Response samples

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

Content type

application/json ▾

Copy Expand all Collapse all

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

Get Application Library Settings

Use this API to get the current application library settings.

QUERY PARAMETERS

type	string Specify which type of changed application would be included in the response
changesIncluded	boolean Default: false 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

GET /applicationLibrarySettings

Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Example

ApplicationLibrarySettings

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

Payload

Content type

application/json



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"
}
```

Response samples

202

400

401

403

404

422

423

500

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

string

required	Wi-Fi Network ID
samlIdpProfileId required	string 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"
}
```

Wi-Fi Calling Service Profile

Manage Wi-Fi calling service profiles.

Create Wi-Fi Calling Service Profile

Create a new Wi-Fi calling service profile. Content-Type: "application/vnd.ruckus.v1+json" will be deprecated on 2024/09/01.

REQUEST BODY SCHEMA: application/json

required

description	string [2 .. 180] characters
epdgs > required	Array of objects (Epdg) [1 .. 5] items
networkIds	Array of strings Deprecated
qosPriority	string Default: "QosPriorityEnum.WIFICALLING_PRI_VOICE"

```
serviceName
required
```

```
string (?=^(?!(`|\$\\|)|\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

```
{
  "description": "string",
  "epdgs": [
    + { ... }
  ],
  "networkIds": [
    "string"
  ],
  "qosPriority": "WIFICALLING_PRI_VOICE",
  "serviceName": "string"
}
```

202 400 401 403 404 422 423 500

```
{
  "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

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

Copy

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 > required	Array of objects (Epdg)	[1 .. 5] items
❯ networkIds	Array of strings	Deprecated
❯ qosPriority	string	Default: "QosPriorityEnum.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

404

422

423

500

Content type
application/json

Copy

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

Deactivate a Wi-Fi calling service profile on a Wi-Fi network.

PATH PARAMETERS

wifiNetworkId required	string Wi-Fi Network ID
wifiCallingServiceProfileId required	string 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/{wifiCallingServi...

▼

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 required	string Wi-Fi Network ID
wifiCallingServiceProfileId required	string 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/{wifiCallingServiceP... ▾

Response samples

202

400

401

403

404

422

423

500

Content type

application/json ▾

Copy

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

AP

Manage APs including pinging, 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 required	string Venue ID.
apGroupId required	string AP Group ID.

REQUEST BODY SCHEMA: application/json ▾
required

description	string [0 .. 180] characters
deviceGps >	object (DeviceGps) Ap or Venue latitude and longitude
model	string [0 .. 64] characters Default: "null"
name required	string (?=^(?!` \\$\\()[-_a-~]){2,32}\$)^(\\S.*\\S)\$
serialNumber required	string ^[1-9][0-9]{11}\$

Responses

- > 202 Accepted
- > 400 Bad/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 required	string Venue ID
apGroupId required	string AP Group ID.
serialNumber required	string 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

202400401403404422423500

Content type
application/json

{
 "requestId": "string"
}

Copy

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.
---------------------	--------------------------------

description	string [0 .. 180] characters
deviceGps >	object (DeviceGps) Ap or Venue latitude and longitude
model	string [0 .. 64] characters Default: "null"
name required	string (?=^((?!` \\$\\()[-_a~]){2,32}\$)^(\\S.*\\S)\$
serialNumber 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

required

string

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 required	string Venue ID.
serialNumber required	string 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

```
{
  "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 required	string Venue ID.
serialNumber required	string The serial number of the AP.

REQUEST BODY SCHEMA: application/json required

description	string [0 .. 180] characters
deviceGps >	object (DeviceGps) Ap or Venue latitude and longitude
model	string [0 .. 64] characters Default: "null"
name required	string (?=^((?!` \\$\\()[-_a~]){2,32}\$)^(\\S.*\\S)\$
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

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": "string",  
  "name": "string",  
  "tags": [ "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	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}/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
required

string
Venue ID

serialNumber
required

string
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 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}/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 required	string Venue ID.
serialNumber required	string The serial number of the AP

REQUEST BODY SCHEMA: application/json ▼
required

bssColoringEnabled	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}/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 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}/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 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}/dhcpSettings

Response samples

200 400 401 403 404 422 423 500

Content type

application/json

Copy

```
{  "dhcpApRole": "PrimaryServer",  "serialNumber": "stringstring"}
```

Trigger AP Diagnosis Commands

Trigger diagnosis commands for the AP.

PATH PARAMETERS

venueId required	string Venue ID.
serialNumber required	string 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> Show pattern
------------	--

type
required

string
Enum: "PING" "TRACE_ROUTE" "BLINK_LED"

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

Copy Expand all Collapse all

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

Get AP Directed Multicast Settings

Get directed multicast settings for this AP.

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}/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

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

REQUEST BODY SCHEMA: application/json required

networkEnabled	boolean Default: false
----------------	---------------------------

useVenueSettings	boolean Default: false
wiredEnabled	boolean Default: false
wirelessEnabled	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}/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 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}/externalAntennaSettings

Response samples

200400401403404422423500

Content type
application/json

CopyExpand allCollapse 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 required	string Venue ID.
serialNumber required	string The serial number of the AP.
REQUEST BODY SCHEMA: application/json ▾	
required	
externalAntenna >	object (ExternalAntenna) External antenna settings
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}/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 LED

Get AP LED settings.

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}/ledSettings

Response samples

200400401403404422423500

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

200400401403404422423500

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 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}/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 required	string Venue ID.
serialNumber required	string The serial number of the AP

REQUEST BODY SCHEMA: application/json

required

useVenueSettings	boolean Default: false
vlanId	integer <int32> [1 .. 4094] 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

200400401403404422423500

Content type

application/json

CopyExpand allCollapse all

```
{  "meshMode": "AUTO",  "uplinkMacAddresses": [    "string"  ],  "uplinkMode": "SMART"}
```

Update AP Mesh Settings

Update mesh settings of this AP.

PATH PARAMETERS

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

REQUEST BODY SCHEMA: application/json required

meshMode	string Default: "MeshModeEnum.AUTO" Enum: "AUTO" "ROOT" "MESH" "DISABLED"
uplinkMacAddresses	Array of strings
uplinkMode	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 /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.

venueId

required

string

The ID of the venue.

serialNumber

required

string

The serial number of the AP.

REQUEST BODY SCHEMA: application/json

status

required

string

Value: CURRENT

type

required

string

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 required	string The ID of the venue.
serialNumber required	string The serial number of the AP.

REQUEST BODY SCHEMA: application/json required

filters >	Array of objects (ApNeighborQueryFilter)
page	integer <int32> Default: 1
pageSize	integer <int32> Default: 25
sortField	string
sortOrder	string 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

{

Copy Expand all Collapse all

```
- "filters": [
  + { ... }
],
"page": 1,
"pageSize": 25,
"sortField": "string",
"sortOrder": "ASC"
}
```

Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy

Expand all

Collapse all

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

Get AP Network Settings

Get network 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}/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

required

string

Venue ID.

serialNumber

required

string

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

required

string

Enum: "DYNAMIC" "STATIC"

netmask

string

^(?: (?:(?:255\.|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

^(?: (?:(?:25[0-5]|2[0-4][0-9]|1[0-9][0-9]|[1-9]...

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	string
required	The ID of the venue.
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}/packets

Response samples

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

Content type

application/json

Copy

```
{  "errorMsg": "string",  "fileName": "string",  "fileUrl": "string",  "sessionId": "string",  "state": "IDLE"}
```

Patch AP Packets

To start or stop the AP packet capture.

PATH PARAMETERS

venueId	string
required	The ID of the venue.
serialNumber	string
required	The serial number of the AP.

REQUEST BODY SCHEMA: application/json

required

action	string
	Enum: "START" "STOP"
captureInterface	string
	Enum: "RADIO24" "RADIO50" "RADIO50UPPER" "RADIO50LOWER" "RADIO60" "ETH0" "ETH1" "ETH2" "ETH3" "ETH4" "ETH5" "ETH6" "ETH7"
frameTypeFilter	Array of strings
	Items Enum: "MANAGEMENT" "CONTROL" "DATA"
macAddressFilter	string
	^\$ ^([0-9A-Fa-f]{2}[:-]){5}([0-9A-Fa-f]{2})\$... Show pattern
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

CopyExpand allCollapse all

```
{  "action": "START",  "captureInterface": "RADIO24",  "frameTypeFilter": [    "MANAGEMENT"  ],  "macAddressFilter": "string",  "sessionId": "string"}
```

Response samples

202400401403404409422423500

Content type

application/json

CopyExpand allCollapse all

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

Delete AP Pictures

Delete the AP's pictures.

PATH PARAMETERS

venueId required	string The ID of the venue.
serialNumber required	string 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 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}/pictures

Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "id": "null",
  "name": "null",
  "url": "string"
}
```

Update AP Pictures

Update the AP's pictures.

PATH PARAMETERS

venueId required	string The ID of the venue.
serialNumber required	string The serial number of the AP.

REQUEST BODY SCHEMA: multipart/form-data

file 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	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}/radioSettings

Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy Expand all Collapse 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",
    "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 required	string Venue ID.
serialNumber required	string The serial number of the AP.

REQUEST BODY SCHEMA: application/json ▼
required

apRadioParams24G >	object (ApRadio24GHzSettings) AP radio customization for 2.4GHz.
apRadioParams50G >	object (ApRadio5GHzSettings) AP radio customization for 5GHz.
apRadioParams6G >	object (ApRadio6GHzSettings) AP radio customization for 6GHz.
apRadioParamsDual5G >	object (ApRadioDual5GHzSettings) AP radio customization for dual 5GHz radios.
enable24G	boolean Default: ☐ true
enable50G	boolean Default: ☐ true
enable6G	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}/radioSettings ▼

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",
    "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	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}/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 required	string Venue ID.
serialNumber required	string The serial number of the AP

REQUEST BODY SCHEMA: application/json ▼
required

enabled	boolean Default: false
interval	integer <int32> [5 .. 60] Default: 10 The interval how often smart monitor checks uplink status, measured by seconds.
threshold	integer <int32> [1 .. 10] Default: 3 The retry threshold for turning off the WLANs.
useVenueSettings	boolean Default: 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}/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"
}
```

Trigger AP System Commands

Trigger system commands for the AP.

PATH PARAMETERS

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

REQUEST BODY SCHEMA: application/json

required

type	string
required	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

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

Content type

application/json

Copy

```
{
  "useVenueSettings": false
}
```

Update AP USB Port

Update USB port of an AP.

PATH PARAMETERS

venueId required	string Venue ID.
serialNumber required	string 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}/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	string
required	Venue ID.
serialNumber	string
required	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": [ ... ],
  + "auto": [ ... ],
  + "indoor": { ... },
  + "outdoor": { ... }
}
}
```

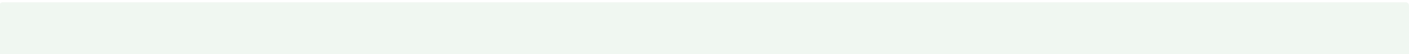
Deactivate AP Floor Position

Deactivate the AP on a floor-plan and remove the position.

PATH PARAMETERS

venueId required	string Venue ID.
floorplanId required	string Floor plan ID.
serialNumber required	string 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}/floorPositio... ▾

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 required	string Venue ID.
floorplanId required	string Floor plan 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}/floorplans/{floorplanId}/aps/{serialNumber}/floorPositions

Response samples

200

400

401

403

404

422

423

500

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 required	string Venue ID.
floorplanId required	string Floor plan ID.
serialNumber required	string The serial number of the AP.

REQUEST BODY SCHEMA: application/json required

xPercent	number <float> [0 .. 100] Default: 0
yPercent	number <float> [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}/floorplans/{floorplanId}/aps/{serialNumber}/floorPositions



Request samples

Payload

Content type

application/json



Copy

```
{
  "xPercent": 0,
  "yPercent": 0
}
```

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/{l3AclPolicy... ▼

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/{l3AclPolicyId}

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: "AccessEnum.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

CopyExpand allCollapse all

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

Response samples

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

Content type
application/json

CopyExpand allCollapse 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 required	string 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 required	string 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: "AccessEnum.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 /l3AclPolicies/{l3AclPolicyId}

Request samples

Payload

Content type
application/json

Copy Expand all Collapse all

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

```
},
"requestId": "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 required	string Wi-Fi Network ID
l3AclPolicyId required	string 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 required	string Wi-Fi Network ID
l3AclPolicyId required	string 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

202400401403404422423500

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 required	string Hotspot 2.0 identity provider ID
radiusId required	string 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}/radiusServerProf... ▾

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 required	string Hotspot 2.0 identity provider ID
radiusId required	string 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}/radiusServerProfile... ▾

Response samples

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

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 > required	object (RadiusServer) RADIUS server
secondary >	object (RadiusServer) RADIUS server
type	string 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

202400401403404422423500

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		
radiusId	string	
required		RADIUS 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 /radiusServerProfiles/{radiusId}

Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy Expand all Collapse all

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

Update RADIUS Profile

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

PATH PARAMETERS

radiusId string
required RADIUS server profile ID

REQUEST BODY SCHEMA: application/json
required

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

primary > object (RadiusServer)
required RADIUS server

secondary > object (RadiusServer)
RADIUS server

type string
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

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	Default: false
enableAuthProxy	boolean	Default: false
macAuthMacFormat	string	Enum: "Lower" "UpperDash" "UpperColon" "Upper" "LowerDash" "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

/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	string
required	Wi-Fi Network ID
radiusId	string
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 /wifiNetworks/{wifiNetworkId}/radiusServerProfiles/{radiusId} ▼

Response samples

202400401403404422423500

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	string	Wi-Fi Network ID
radiusId	string	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

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

Default: `"FacilityEnum.KEEP_ORIGINAL"`

```
Enum: "KEEP_ORIGINAL" "LOCAL0" "LOCAL1" "LOCAL2" "LOCAL3" "LOCAL4" "LOCAL5"
      "LOCAL6" "LOCAL7"
```

flowLevel

string

Default: "FlowLevelEnum.CLIENT_FLOW"

Enum: "GENERAL_LOGS" "CLIENT_FLOW" "ALL"

name

required

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

primary >

required

object (SyslogServer)

Syslog server

- priority

string

Default: `"PriorityEnum.INFO"`

Enum: "EMERGENCY" "ALERT" "CRITICAL" "ERROR" "WARNING" "NOTICE" "INFO" "ALL"

secondary >

object (SyslogServer)

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

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

syslogServerProfileId required	string 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

202

400

401

403

404

422

423

500

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

syslogServerProfileId required	string 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

CopyExpand allCollapse 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

required

facility

string

Default: FacilityEnum.KEEP_ORIGINAL

Enum: KEEP_ORIGINALLOCAL0LOCAL1LOCAL2LOCAL3LOCAL4LOCAL5LOCAL6LOCAL7

flowLevel

string

Default: FlowLevelEnum.CLIENT_FLOW

Enum: GENERAL_LOGSCIENT_FLOWALL

name required	string [2 .. 32]characters (?=^(?!(` \\$\\`))){2,32}\$)^(\\S.*\\S)\$
primary > required	object (SyslogServer) Syslog server
priority	string Default: "PriorityEnum.INFO" Enum: "EMERGENCY" "ALERT" "CRITICAL" "ERROR" "WARNING" "NOTICE" "INFO" "ALL"
secondary >	object (SyslogServer) 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

CopyExpand allCollapse 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

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

Copy

Activate Syslog Server Profile On Venue

Use this API command to build 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

PUT /venues/{venueId}/syslogServerProfiles/{syslogServerProfileId}

▼

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

▼

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

Copy

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 required	string Venue ID
wifiNetworkId required	string 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 required	string Venue ID
wifiNetworkId required	string 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) 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 /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

422

423

Content type

```
application/json
```

Copy

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

Create Wi-Fi Network

Create a new Wi-Fi network.

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 > required
```

object (AAAWifiWlan)
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

```
POST /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,
    "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

application/json

Copy

Expand all

Collapse all

```
[
  - {
    "id": "string",
    "name": "string"
  }
]
```

```
"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

200

400

401

403

404

422

423

500

Content type
application/json

Copy Expand all Collapse 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

202400401403404422423500

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

CopyExpand allCollapse all

```
{
  "id": "string",
  "name": "string",
  "type": "AAAWifiNetwork",
  "description": "string",
  "useCertificateTemplate": false,
  "wlan": {
    "advancedCustomization": { ... },
    "bypassCNA": false,
    "bypassCPUUsingMacAddressAuthentication": false,
    "enabled": true,
    "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 required	string (?=^((?!(` \\$\(\)).){2,32}\$)^\S.*\S)\$
type required	string
description	string [0 .. 256] characters
useCertificateTemplate	boolean Default: false
wlan > required	object (AAAWifiWlan) 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,
    "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	string
required	
applicationPolicyId	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 /accessControlProfiles/{accessControlProfileId}/applicationPolicies/{appli... ▾

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

accessControlProfileId 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

PUT /accessControlProfiles/{accessControlProfileId}/applicationPolicies/{applicat... ▾

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	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

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 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 /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
required string

REQUEST BODY SCHEMA: application/json
required

description string [0 .. 64] characters

name
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 /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	string	
required		
applicationPolicyId	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 /wifiNetworks/{wifiNetworkId}/applicationPolicies/{applicationPolicyId} ▾

Response samples

202

400

401

403

404

422

423

500

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 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

PUT /wifiNetworks/{wifiNetworkId}/applicationPolicies/{applicationPolicyId}

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

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

AP Group

Manage AP-Groups.

Create AP-Group

Create a new AP-group. Content-Type: "application/vnd.ruckus.v1+json" will be deprecated on 2024/09/01.

PATH PARAMETERS

venueId
required string
Venue ID

REQUEST BODY SCHEMA: application/json
required

apSerialNumbers > Array of objects (ApSerialNumber)

description string [2 .. 180] characters

name
required string (?=^(?!(`|\$\|)|\s){2,64}\$)^(\\S.*\\S)\$

venueId string
Deprecated

Responses

> 202 Accepted

> 400 Bad/malformed request

> 401 Not-authorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 423 Locked

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	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 /venues/{venueId}/apGroups/{apGroupId}

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

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

Get AP Group

Get the AP group details.

PATH PARAMETERS

venueId	string
required	Venue ID
apGroupId	string
required	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

400

401

403

404

422

423

500

Content type

Copy Expand all Collapse all

Update AP Group

Update an AP group.

PATH PARAMETERS

venueId	string
required	Venue ID
apGroupId	string
required	AP Group ID

REQUEST BODY SCHEMA: application/json ▼

required

apSerialNumbers	Array of strings 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 /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	string
required	Venue ID
wifiNetworkId	string
required	Wi-Fi Network 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 /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	string
required	Venue ID
wifiNetworkId	string
required	Wi-Fi Network 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

PUT /venues/{venueId}/wifiNetworks/{wifiNetworkId}/apGroups/{apGroupId}

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

```
{
  "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	string
required	Venue ID
wifiNetworkId	string
required	Wi-Fi Network ID
apGroupId	string
required	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}/settings

Response samples

200400401403404422423500

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 required	string Venue ID
wifiNetworkId required	string Wi-Fi Network ID
apGroupId required	string AP Group ID

REQUEST BODY SCHEMA: application/json ▼
required

radioTypes	Array of strings 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}/settings

▼

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

202400401403404422423500

Content type

application/json

Copy

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

Client

Manage client connections.

Patch AP Client

Patch the AP's client.

PATH PARAMETERS

venueId

required

string

The ID of the venue.

serialNumber

required

string

The serial number of the AP.

clientMacAddress

required

string

The mac address of the client.

REQUEST BODY SCHEMA:

application/json

required

status

required

string

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

POST

/dhcpConfigServiceProfiles



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 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

dhcpcfgServiceProfileId 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

Copy Expand all Collapse all

```
{
  "dhcpMode": "EnableOnEachAPs",
  "dhcpPools": [
    + { ... }
  ],
  "id": "string",
  "serviceName": "string",
  "usage": [
    + { ... }
  ],
  "venueIds": [
    "string"
  ]
}
```

Update DHCP Configuration Service Profile

Update 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
```

REQUEST BODY SCHEMA: application/json 

dhcpMode	string Default: "DhcpModeEnum.EnableOnEachAPs" Enum: "EnableOnEachAPs" "EnableOnMultipleAPs" "EnableOnHierarchicalAPs"
dhcpPools > required	Array of objects (DhcpPool) [1 .. 4] items
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 /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

▼

CopyExpand allCollapse all

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

Get DHCP Pools Usage in This AP

Get DHCP pools usage in 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}/wifiDhcpPoolUsages

▼

Response samples

200

400

401

403

404

422

423

500

Content type

application/json

▼

CopyExpand allCollapse 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/{dhcpConfigServiceProfileId} ▾

Response samples

202 400 401 403 404 422 423 500

Content type

application/json ▾

{
 "requestId": "string"
}

Copy

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/{dhcpConfigServiceProfileId}

Response samples

200400401403404422423500

Content type
application/json

CopyExpand allCollapse all

```
{
  - "activeDhcpPoolNames": [
    "string"
  ],
  - "dhcpServiceAp5": [
    + { ... }
  ],
  "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: "DhcpWanPortSelectionModeEnum.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/{dhcpConfigServiceProfileId} ▼

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

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 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}/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	string	Wi-Fi Network ID
required		
macRegistrationPoolId	string	MAC Registration Pool 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 /wifiNetworks/{wifiNetworkId}/macRegistrationPools/{macRegistrationPoolId} ▾

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	string
required	Wi-Fi Network ID
macRegistrationPoolId	string
required	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/{macRegistrationPoolId} ▾

Response samples

202400401403404422423500

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 /hotspot200operators

Request samples

Payload

Content type

application/json

CopyExpand allCollapse all

```
{  "domainNames": [    "string"  ]}
```

```
    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 required	string 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

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

required

string

Hotspot 2.0 Operator ID

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

PUT /hotspot200operators/{hotspot200operatorId}

Request samples

Payload

Content type

application/json

Copy Expand all Collapse 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	Wi-Fi Network ID
required		
hotspot200operatorId	string	Hotspot 2.0 Operator 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

/wifiNetworks/{wifiNetworkId}/hotspot200operators/{hotspot200operatorId}

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 required	string Wi-Fi Network ID
hotspot200operatorId required	string 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

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

Copy

Rogue AP Detection Policy

Manage rogue AP detection policies.

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 in installed 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 polices 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 Rogue AP Detection Policy

Create a rogue AP detection policy.

REQUEST BODY SCHEMA: application/json required

description	string [0 .. 255] characters
-------------	--------------------------------

name required	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 /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 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

Content type	application/json
--------------	------------------

Update Rogue AP Detection Policy

Update this rogue AP detection policy.

PATH PARAMETERS

```
➔ roguePolicyId
  required
```

string
Rogue AP Detection Policy ID.

Rogue AP Detection Policy ID.

REQUEST BODY SCHEMA: application/json

```
description
```

string [0 .. 255] characters

```
name
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
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

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

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

Copy

Response samples

202 400 401 403 404 422 423 500

Content type
application/json

Copy

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

AP Venue

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	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}/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 string
required 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	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}/apCellularSettings

Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy

Expand all

Collapse all

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

```

"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) SIM setting object.
primaryWanRecoveryTimer required	integer <int32> [10 .. 300]
secondarySim >	object (SimSettings) SIM setting object.
wanConnection required	string 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

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"
}
```

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	string
required	Venue ID

REQUEST BODY SCHEMA: application/json

required

enable24G	boolean	Default: false
enable50G	boolean	Default: false
maxRadioLoad24G	integer <int32>	[50 .. 100] Default: 75
maxRadioLoad50G	integer <int32>	[50 .. 100] Default: 75

minClientCount24G	integer <int32> [0 .. 100] Default: 10
minClientCount50G	integer <int32> [0 .. 100] Default: 20
minClientThroughput24G	integer <int32> [0 .. 100] Default: 0
minClientThroughput50G	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}/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 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

200400401403404422423500

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	string
required	Venue ID

required

networkEnabled	boolean Default: true
wiredEnabled	boolean Default: true
wirelessEnabled	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}/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]
---------------------------	---

	Default: 60
checkPeriod	integer <int32> [30 .. 600] Default: 30
enabled	boolean Default: false
failThreshold	integer <int32> [2 .. 25] 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	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}/apLoadBalancingSettings

Response samples

200400401403404422423500

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	string
required	

REQUEST BODY SCHEMA: application/json ▾

required

bandBalancingClientPercent24G	integer <int32> [0 .. 100] Default: 25
bandBalancingEnabled	boolean Default: true
enabled	boolean Default: false
loadBalancingMethod	string Default: "LoadBalancingMethodEnum.BASED_ON_CLIENT_COUNT" Enum: "BASED_ON_CLIENT_COUNT" "BASED_ON_CAPACITY"
steeringMode	string Default: "SteeringModeEnum.BASIC" Enum: "BASIC" "PROACTIVE" "STRICT"
stickyClientNbrApPercentageThreshold	integer <int32> [10 .. 40] Default: 20
stickyClientSnrThreshold	integer <int32> [5 .. 30] Default: 15
stickyClientSteeringEnabled	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}/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

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}/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

▼

Copy

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

Response samples

202

400

401

403

404

422

423

500

Content type

application/json

▼

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	string
required	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: "MeshRadioTypeEnum._5_GHz" Enum: "2.4-GHz" "5-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 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}/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

400

401

403

404

422

423

500

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 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}/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 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 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

202400401403404422423500

Content type
application/json

Copy

{
 "requestId": "string"
}

Get Venue AP-Model Capabilities

Get AP model capabilities of the venue.

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 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}/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

Default: false

enable50G

boolean

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	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}/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 string
required Venue 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

/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

GET /venues/{venueId}/apModelUsbPortSettings

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	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}/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 string
required 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
required
string
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",
    "enableMulticastDownlinkRateLimiting": false,
    "enableMulticastUplinkRateLimiting": false,
    "method": "MANUAL",
    "mgmtTxRate6G": "6",
    "multicastDownlinkRateLimiting": 1,
    "multicastUplinkRateLimiting": 1,
    "scanInterval": 10,
    "txPower": "MAX"
  },
  - "radioParamsDual5G": {
    "enabled": false,
    "inheritParamsLower5G": true,
    "inheritParamsUpper5G": true,
    + "radioParamsLower5G": { ... },
    + "radioParamsUpper5G": { ... }
  }
}
```

Update Venue Radio

Update the venue radio.

PATH PARAMETERS

venueId	string
required	Venue ID

REQUEST BODY SCHEMA: application/json

radioParams24G	object (VenueApRadio24GHzSettings) Customized settings for 2.4-GHz radio.
radioParams50G	object (VenueApRadio5GHzSettings) Customized settings for 5-GHz radio.
radioParams6G	object (VenueApRadio6GHzSettingsV1_1) Customized settings for 6-GHz radio.
radioParamsDual5G	object (VenueApRadioDual5GHzSettings) 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",
    "enableMulticastDownlinkRateLimiting": false,
    "enableMulticastUplinkRateLimiting": false,
    "mgmtTxRate6G": "6",
    "multicastDownlinkRateLimiting": 1,
    "multicastUplinkRateLimiting": 1,
    "scanInterval": 10,
    "txPower": "MAX"
  },
-  "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 RADIUS Options Settings

Get this venue's RADIUS options 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}/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 RADIUS Options Settings

Update this venue's RADIUS options settings.

PATH PARAMETERS

 venueId	string
required	

Venue ID

REQUEST BODY SCHEMA: application/json ▾

required

calledStationIdType	string Default: "CalledStationIdTypeEnum.BSSID" Enum: "BSSID" "AP_MAC" "NONE" "AP_GROUP"
nasIdDelimiter	string Default: "NasIdDelimiterEnum.DASH" Enum: "DASH" "COLON"
nasIdType	string Default: "NasIdTypeEnum.BSSID" Enum: "USER" "BSSID" "AP_MAC" "VENUE_NAME"
nasMaxRetry	integer <int32> [2 .. 10] Default: 2
nasReconnectPrimaryMin	integer <int32> [1 .. 300] Default: 5
nasRequestTimeoutSec	integer <int32> [2 .. 20] Default: 3
overrideEnabled	boolean Default: false
singleSessionIdAccounting	boolean 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	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}/apRebootTimeoutSettings

▼

Response samples

200400401403404422423500

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]

Default: 1800

The timeout in seconds for rebooting AP if it cannot reach default gateway, 0 never reboot.

serverLossTimeout

integer <int32> [0 .. 86400]

Default: 7200

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	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}/apSmartMonitorSettings

Response samples

200

400

401

403

404

422

423

500

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	string
required	Venue ID

REQUEST BODY SCHEMA: application/json ▼
required

enabled	boolean
	Default: false
interval	integer <int32> [5 .. 60]
	Default: 10
	The interval how often smart monitor checks uplink status, measured by seconds.
threshold	integer <int32> [1 .. 10]
	Default: 3
	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 /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
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}/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	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}/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": {
```

ageTimeMinutes	integer <int32> [5 .. 10080] Default: 20
destinationIpAddress	string ^(?: (?:(?:25[0-5] 2[0-4][0-9] 1[0-9][0-9] [1-9][0-9] \s)...) Show pattern
forceFragmentation	boolean Default: false
keepAliveInterval	integer <int32> [1 .. 5] Default: 2 The unit is seconds.
keepAliveRetry	integer <int32> [3 .. 10] Default: 5
mtuRequestRetry	integer <int32> [3 .. 64] This setting is only effective in path maximum transmission unit auto mode.
mtuRequestTimeout	integer <int32> [10 .. 10000] The unit is milliseconds. This setting is only effective in path maximum transmission unit auto mode.
mtuSize	integer <int32> [576 .. 1450]
mtuType	string Default: "TunnelMtuTypeEnum.AUTO" Enum: "MANUAL" "AUTO"
name required	string (?=^(?!(` \\$\\())\.{2,32}\$)^(\\S.*\\S)\$
natTraversalEnabled	boolean Default: false For toggling whether NAT traversal support is needed for the tunnel.
tag	string
tunnelType	string Default: "TunnelTypeEnum.VXLAN_GPE"

type

Enum: "VXLAN_GPE" "L2GRE"

Tunnel type.

string

Default: "TunnelNetworkSegmentTypeEnum.VXLAN"

Enum: "VXLAN" "VLAN_VXLAN"

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 /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

CopyExpand allCollapse 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

202400401403404422423500

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

required

string
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

required

string
Tunnel Service Profile ID

required

Responses

> 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

400

401

403

404

422

423

500

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 
required

 ageTimeMinutes integer <int32> [5 .. 10080]
Default: 20

 destinationIpAddress string ^((?:25[0-5]|2[0-4][0-9]|1[0-9][0-9]|[1-9][0-9]|0)[0-9]{1,3})\$ Show pattern

forceFragmentation	boolean Default: <code>false</code>
keepAliveInterval	integer <int32> <code>[1 .. 5]</code> Default: <code>2</code> The unit is seconds.
keepAliveRetry	integer <int32> <code>[3 .. 10]</code> Default: <code>5</code>
mtuRequestRetry	integer <int32> <code>[3 .. 64]</code> This setting is only effective in path maximum transmission unit auto mode.
mtuRequestTimeout	integer <int32> <code>[10 .. 10000]</code> The unit is milliseconds. This setting is only effective in path maximum transmission unit auto mode.
mtuSize	integer <int32> <code>[576 .. 1450]</code>
mtuType	string Default: <code>"TunnelMtuTypeEnum.AUTO"</code> Enum: <code>"MANUAL"</code> <code>"AUTO"</code>
name required	string <code>(?=(?!(` \$\s `)).){2,32}\$)^(\\S.*\\S)\$</code>
natTraversalEnabled	boolean Default: <code>false</code> For toggling whether NAT traversal support is needed for the tunnel.
tag	string
tunnelType	string Default: <code>"TunnelTypeEnum.VXLAN_GPE"</code> Enum: <code>"VXLAN_GPE"</code> <code>"L2GRE"</code> Tunnel type.
type	string Default: <code>"TunnelNetworkSegmentTypeEnum.VXLAN"</code> Enum: <code>"VXLAN"</code> <code>"VLAN_VXLAN"</code> 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

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"
}
```

L2ACL Policy

Manage layer-2 ACL policy profiles.

Deactivate Layer-2 ACL Policy On Access Control Profile

Deactivate layer-2 ACL policy on access control profile.

PATH PARAMETERS		
accessControlProfileId	string	Access Control Profile ID
required		
l2AclPolicyId	string	L2Acl Policy 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 /accessControlProfiles/{accessControlProfileId}/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 Access Control Profile

Activate layer-2 ACL policy on access control profile.

PATH PARAMETERS

accessControlProfileId required	string Access Control Profile ID
l2AclPolicyId required	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

PUT /accessControlProfiles/{accessControlProfileId}/l2AclPolicies/{l2AclPolicyId} ▾

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 Default: "AccessEnum.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

POST

/l2AclPolicies

Request samples

Payload

Content type

application/json

CopyExpand allCollapse 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		
l2AclPolicyId required	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

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

required

string
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: "AccessEnum.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 On Wi-Fi Network

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

PATH PARAMETERS

wifiNetworkId required	string Wi-Fi Network ID
l2AclPolicyId required	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 required	string Wi-Fi Network ID
l2AclPolicyId required	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

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

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 Default: "ApLanPortAuthTypeEnum.DISABLED" Enum: "DISABLED" "SUPPLICANT" "PORT_BASED_AUTHENTICATOR" "MAC_BASED_AUTHENTICATOR" "OPEN"
bypassMacAddressAuthentication	boolean Default: false
dynamicVlanEnabled	boolean Default: false
enableAccountingProxy	boolean Default: false
enableAuthProxy	boolean Default: false
name	string [2 .. 32] characters
supplicantAuthenticationOptions >	object (SupplicantAuthenticationOptions) Supplicant Authentication Options.
type required	string 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 Default: "ApLanPortAuthTypeEnum.DISABLED" Enum: "DISABLED" "SUPPLICANT" "PORT_BASED_AUTHENTICATOR" "MAC_BASED_AUTHENTICATOR" "OPEN"
 bypassMacAddressAuthentication	boolean Default: false
 dynamicVlanEnabled	boolean Default: false
 enableAccountingProxy	boolean Default: false
 enableAuthProxy	boolean Default: false
 name	string [2 .. 32] characters
 supplicantAuthenticationOptions >	object (SupplicantAuthenticationOptions) Supplicant Authentication Options.
 type required	string 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/{radius... ▾

Response samples

202 400 401 403 404 422 423 500

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	
	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

PUT /ethernetPortProfiles/{ethernetPortProfileId}/radiusServerProfiles/{radiusSer... ▾

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

venueId required	string Venue ID.
apModel required	string 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	string
required	Venue ID.
apModel	string
required	AP Model Name.

REQUEST BODY SCHEMA: application/json

poeMode	string
	Enum: "Auto" "802.3af" "802.3at" "802.3bt-Class_5" "802.3bt-Class_6" "802.3bt-Class_7" "802.3bt-Class_8"
poeOut	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}/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}/ethernetPortProfile... ▾

Response samples

202

400

401

403

404

422

423

500

Content type

▾

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	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

PUT

/venues/{venueId}/apModels/{apModel}/lanPorts/{portId}/ethernetPortProfiles/{...} ▾

Response samples

202400401403404422423500

Content type

application/json

Copy

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

Get Venue AP Model LAN Port Settings

Get venue AP model LAN port settings.

PATH PARAMETERS		
venueId	string	Venue ID.
apModel	string	AP Model Name.
portId	string	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

200400401403404422423500

Content type

application/json

Copy

```
{  "enabled": true}
```


Update Venue AP Model LAN Port Settings

Update venue AP model LAN port settings.

PATH PARAMETERS

venueId required	string Venue ID.
apModel required	string AP Model Name.
portId required	string Port ID.

REQUEST BODY SCHEMA: application/json ▼
required

enabled	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}/apModels/{apModel}/lanPorts/{portId}/settings ▼

Request samples

Payload

Content type

application/json ▼

Copy

{
 "enabled": true
}

Response samples

202

400

401

403

404

422

423

500

Content type

application/json ▼

application/json

Copy

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

Get AP LAN Port Specific Settings

Get AP LAN port specific settings.

PATH PARAMETERS

venueId required	string Venue ID.
serialNumber required	string 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

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	string
required	Venue ID.
serialNumber	string
required	AP Serial Number.

REQUEST BODY SCHEMA: application/json

poeMode	string
	Enum: "Auto" "802.3af" "802.3at" "802.3bt-Class_5" "802.3bt-Class_6" "802.3bt-Class_7" "802.3bt-Class_8"
poeOut	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}/lanPortSpecificSettings

Request samples

Payload

Content type

application/json

```
{
  "poeMode": "Auto",
  "poeOut": false,
  "useVenueSettings": false
}
```

Copy

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	string	Venue ID.
serialNumber	string	AP Serial Number.
portId	string	Port ID.
ethernetPortProfileId	string	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}/ethernetPortProfile...

Response samples

202400401403404422423500

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 required	string Venue ID.
serialNumber required	string AP Serial Number.
portId required	string Port ID.
ethernetPortProfileId required	string 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}/ethernetPortProfiles/{... ▼

Response samples

202400401403404422423500

Content type

application/json

Copy

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

Get AP LAN Port Settings

Get AP LAN port settings.

PATH PARAMETERS

venueId	string
---------	--------

required	Venue ID.
serialNumber required	string AP Serial Number.
portId required	string 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

Response samples

200400401403404422423500

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "clientIsolationEnabled": false,
  "clientIsolationSettings": {
    "autoVrrp": false,
    "packetsType": "UNICAST"
  },
  "enabled": true,
  "overwriteUntagId": 1,
  "overwriteVlanMembers": "string",
  "softGreEnabled": false,
  "softGreSettings": { }
}
```

Update AP LAN Port Settings

Update AP LAN port settings.

PATH PARAMETERS

venueId required	string Venue ID.
---------------------------------	---------------------

serialNumber required	string AP Serial Number.
portId required	string Port ID.

REQUEST BODY SCHEMA: application/json ▼
required

clientIsolationEnabled	boolean Default: false
clientIsolationSettings >	object (LanPortClientIsolationSettings) Lan port client isolation profile settings.
enabled	boolean Default: true
overwriteUntagId	integer <int32> [1 .. 4094]
overwriteVlanMembers	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 /venues/{venueId}/aps/{serialNumber}/lanPorts/{portId}/settings ▼

Request samples

Payload

Content type
application/json ▼

CopyExpand allCollapse all

```
{
  "clientIsolationEnabled": false,
  "clientIsolationSettings": {
    "autoVrrp": false,
    "packetsType": "UNICAST"
  },
  "enabled": true,
  "overwriteUntagId": 1,
  "overwriteVlanMembers": "string"
```

Response samples

202

422

423

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


CopyExpand allCollapse all

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

Response samples

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

Content type
application/json

CopyExpand allCollapse all

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

Delete SNMP Agent Profile

Delete a SNMP agent profile.

PATH PARAMETERS

snmpAgentProfileId required	string 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

Response samples

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

Content type

application/json

Copy

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

Get SNMP Agent Profile

Get the details for this SNMP agent profile.

PATH PARAMETERS

snmpAgentProfileId required	string 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

Copy Expand all Collapse 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

required

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

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

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

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

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 required	string Venue ID
serialNumber required	string 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 ▼

{
 "useVenueSettings": true
}

Copy

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 required	string Venue ID
serialNumber required	string The serial number of the AP.
snmpAgentProfileId required	string 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/{snmpAgentProfileId}

▼

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 required	string Venue ID
serialNumber required	string The serial number of the AP.
snmpAgentProfileId required	string 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/{snmpAgentProfileId} ▾

Response samples

202400401403404422423500

Content type

application/json ▾

Copy

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

Deactivate SNMP Agent Profile On Venue

Deactivate the SNMP agent profile on the venue.

PATH PARAMETERS

venueId required	string Venue ID
snmpAgentProfileId required	string 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	string
required	Venue ID
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

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

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
required	Access Control Profile ID
devicePolicyId	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 /accessControlProfiles/{accessControlProfileId}/devicePolicies/{devicePoli... ▾

Response samples

200

400

401

403

404

422

423

500

202400401403404422423500

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/{devicePolicyI...

Response samples

202400401403404422423500

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.

required	
defaultAccess	string Default: "AccessEnum.ALLOW" Enum: "ALLOW" "BLOCK"
description	string [2 .. 180] characters
name	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	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 /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

devicePolicyId required	string Device-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 /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 required	string Device-policy ID
---	---

REQUEST BODY SCHEMA: application/json

required

defaultAccess	string Default: "AccessEnum.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

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 required	string Wi-Fi Network ID
policyId 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 /wifiNetworks/{wifiNetworkId}/devicePolicies/{policyId}

Response samples

202400401403404422423500

Content type
application/json

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

Copy

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 required	string Wi-Fi Network ID
policyId 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

PUT /wifiNetworks/{wifiNetworkId}/devicePolicies/{policyId}

Response samples

202400401403404422423500

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 Default: false
naiRealms > required	Array of objects (Hotspot20NaiRealm) [1 .. 16] items
name > required	string [2 .. 32] characters
plmns >	Array of objects (Hotspot20Plmn) [0 .. 16] items
roamConsortium0Is >	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



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 ▾

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

Copy

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

CopyExpand allCollapse all

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

Update Hotspot 2.0 Identity Provider

Update a Hotspot 2.0 identity provider.

PATH PARAMETERS

hotspot20IdentityProviderId required	string Hotspot 2.0 Identity Provider ID
--	---

REQUEST BODY SCHEMA: application/json

required

accountingRadiusEnabled	boolean Default: false
naiRealms > required	Array of objects (Hotspot20NaiRealm) [1 .. 16] items
name 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": [
    + { ... }
  ],
  - "roamConsortiumOIs": [
    + { ... }
  ]
}
```

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/{hotspot20Identit... ▾

Response samples

202400401403404422423500

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

> **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

400

401

403

404

422

423

500

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 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/{multicas...

▼

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	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

PUT /venues/{venueId}/aps/{apSerialNumber}/multicastDnsProxyProfiles/{multicastDn... ▼

Response samples

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

Content type
application/json ▼

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

Copy

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 Default: false
gatewayFailbackEnabled	boolean Default: false
gatewaySecondaryToPrimaryTimer	integer <int32> [60 .. 1440] Default: 60
keepAliveInterval	integer <int32> [1 .. 180] Default: 10
keepAliveRetryTimes	integer <int32> [2 .. 10] Default: 5
mtuSize	integer <int32> [850 .. 9018] The MTU size, it's required if the MTU type is manual.
mtuType	string Default: "TunnelMtuTypeEnum.AUTO" Enum: "MANUAL " "AUTO "
name required	string [2 .. 32] characters
primaryGatewayAddress 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 string
required 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

softGreProfileId string
required SoftGRE 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 /softGreProfiles/{softGreProfileId}

Response samples

200

400

401

403

404

422

423

500

Content type

application/json

Copy

```
{
  "description": "string",
  "disassociateClientEnabled": false,
  "requestId": "string"
}
```

```
"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 required	string 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] Default: 60
 keepAliveInterval	integer <int32> [1 .. 180] Default: 10
 keepAliveRetryTimes	integer <int32> [2 .. 10] Default: 5
 mtuSize	integer <int32> [850 .. 9018] The MTU size, it's required if the MTU type is manual.
 mtuType	string Default: "TunnelMtuTypeEnum.AUTO" Enum: "MANUAL " "AUTO "
 name required	string [2 .. 32] characters
 primaryGatewayAddress required	string <code>^((22[0-3] 2[0-1][0-9] 1[0-9][0-9] [1-9][0-9]...</code> Show pattern
 secondaryGatewayAddress	string <code>^((22[0-3] 2[0-1][0-9] 1[0-9][0-9] [1-9][0-9]...</code> 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 /softGreProfiles/{softGreProfileId}

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

```
{  "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 required	string Venue ID
apModel required	string AP Model Name

portId required	string Port ID
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 /venues/{venueId}/apModels/{apModel}/lanPorts/{portId}/softGreProfiles/{so... ▾

Response samples

202400401403404422423500

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 required	string Venue ID
apModel required	string AP Model Name
portId required	string Port ID
softGreProfileId required	string 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}/softGreProfiles/{softG... ▾

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 AP LAN Port

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

PATH PARAMETERS

venueId required	string Venue ID
serialNumber required	string AP Serial Number

portId required	string Port ID
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 /venues/{venueId}/aps/{serialNumber}/lanPorts/{portId}/softGreProfiles/{so... ▾

Response samples

202400401403404422423500

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 required	string Venue ID
serialNumber required	string AP Serial Number
portId required	string Port ID
softGreProfileId required	string 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}/softGreProfiles/{softG... ▾

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	string	Venue ID
required		
wifiNetworkId	string	Wi-Fi Network ID
required		
softGreProfileId	string	

required

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/{softGrePro... ▾

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	string
required	Venue ID
wifiNetworkId	string
required	Wi-Fi Network ID
softGreProfileId	string
required	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/{softGreProfil... ▾

Response samples

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

Content type

application/json ▾

Copy

```
{
  "requestId": "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) Profile ID and enabled
description	string [0 .. 64] characters
devicePolicy >	object (IdAndEnabled) Profile ID and enabled
l2AclPolicy >	object (IdAndEnabled) Profile ID and enabled
l3AclPolicy >	object (IdAndEnabled) Profile ID and enabled
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 /accessControlProfiles



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

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

required

string

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

PATH PARAMETERS

accessControlProfileId required	string 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 [0 .. 64] characters
devicePolicy	object (IdAndEnabled) Profile ID and enabled
l2AclPolicy	object (IdAndEnabled) Profile ID and enabled
l3AclPolicy	object (IdAndEnabled) Profile ID and enabled
name	string [2 .. 32] characters
required	
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 /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/{accessControlProfileI... ▾

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 required	string Wi-Fi Network ID
accessControlProfileId required	string 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/{accessControlProfileId}



Response samples

202

400

401

403

404

422

423

500

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	string
required	Wi-Fi Network ID
certificateTemplateId	string
required	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/{certificateTemplateId}



Response samples

202

400

401

403

404

422

423

500

Content type

application/json

Copy

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

Activate Certificate Template On Wi-Fi Network

Use this API command to build the relationship between certificate template and Wi-Fi network.

PATH PARAMETERS

wifiNetworkId required	string Wi-Fi Network ID
certificateTemplateId required	string 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/{certificateTemplateId}

▼

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 required	string Wi-Fi Network ID
dpskServiceId required	string 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

▼

{

"requestId": "string"

}

Copy