

Wi-Fi API and Model Documentation (17.3.3.195)

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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.

Wi-Fi Network Template

Manage Wi-Fi network template profiles.

Deactivate Wi-Fi Network Template On Venue Template

Use this API to delete a relationship between Wi-Fi network template and venue template.

PATH PARAMETERS

venueId 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 /templates/venues/{venueId}/wifiNetworks/{wifiNetworkId}

Response samples

202400401403404422423500

Content type
application/json

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

Activate Wi-Fi Network Template On Venue Template

Use this API to build a relationship between Wi-Fi network template and venue template.

PATH PARAMETERS

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

REQUEST BODY SCHEMA: application/json

isAllApGroups	boolean Default: true
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Responses

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

PUT /templates/venues/{venueId}/wifiNetworks/{wifiNetworkId}

Request samples

Payload

Content type
application/json

```
{
  "isAllApGroups": true
}
```

Response samples

200 400 401 403 404 422 423 500

202400401403404422423500

Content type

application/json

Copy

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

Get Venue Wi-Fi Network Template Settings

Get Wi-Fi network template settings on this venue template.

PATH PARAMETERS		
venueId	string	Venue ID
wifiNetworkId	string	Wi-Fi Network ID

Responses

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

GET /templates/venues/{venueId}/wifiNetworks/{wifiNetworkId}/settings

Response samples

200400401403404422423500

Content type

application/json

CopyExpand allCollapse all

```
{  - "allApGroupsRadioTypes": [    "2.4-GHz"  ],  "allApGroupsVlanId": 1,  "isAllApGroups": true,  - "scheduler": {    "fri": "string",
```

```
    "mon": "string",
    "sat": "string",
    "sun": "string",
    "thu": "string",
    "tue": "string",
    "type": "ALWAYS_ON",
    "wed": "string"
  }
}
```

Update Venue Wi-Fi Network Template Settings

Update Wi-Fi network template settings on this venue template.

PATH PARAMETERS

venueId required	string Venue ID
wifiNetworkId required	string 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 /templates/venues/{venueId}/wifiNetworks/{wifiNetworkId}/settings

Request samples

Payload

```
{
  "allApGroupsRadioTypes": [
    "2.4-GHz"
  ],
  "allApGroupsVlanId": 1,
  "isAllApGroups": true,
  "scheduler": {
    "fri": "string",
    "mon": "string",
    "sat": "string",
    "sun": "string",
    "thu": "string",
    "tue": "string",
    "type": "ALWAYS_ON",
    "wed": "string"
  }
}
```

Response samples

202 400 401 403 404 422 423 500

202 400 401 403 404 422 423 500

202 400 401 403 404 422 423 500

202 400 401 403 404 422 423 500

202 400 401 403 404 422 423 500

202 400 401 403 404 422 423 500

202 400 401 403 404 422 423 500

202 400 401 403 404 422 423 500

Create Wi-Fi Network Template

Create a new Wi-Fi network template.

REQUEST BODY SCHEMA: application/json ▼

required

One of AAAWifiNetwork DpskWifiNetwork GuestWifiNetwork Hotspot20WifiNetwork OpenWifiNetwork PskWifiNetwork

One of AAAWifiNetwork DpskWifiNetwork GuestWifiNetwork Hotspot20WifiNetwork OpenWifiNetwork PskWifiNetwork

One of AAAWifiNetwork DpskWifiNetwork GuestWifiNetwork Hotspot20WifiNetwork OpenWifiNetwork PskWifiNetwork

One of AAAWifiNetwork DpskWifiNetwork GuestWifiNetwork Hotspot20WifiNetwork OpenWifiNetwork PskWifiNetwork

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One of AAAWifiNetwork DpskWifiNetwork GuestWifiNetwork Hotspot20WifiNetwork OpenWifiNetwork PskWifiNetwork

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

```
type
  required string
```

```
description string [ 0 .. 256 ] characters
```

```
useCertificateTemplate    boolean
                        Default: false
```

```
wlan > object (AAAWifiWlan)
required
AAA Wi-Fi WLAN
```

Responses

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

POST /templates/wifiNetworks

Request samples

Payload

Content type

application/json

Example

AAAWifiNetwork

Copy Expand all Collapse all

```
{
  "name": "string",
  "type": "string",
  "description": "string",
  "useCertificateTemplate": false,
  "wlan": {
    "advancedCustomization": { ... },
    "bypassCNA": false,
    "bypassCPUsingMacAddressAuthentication": false,
    "enabled": true,
    "macAddressAuthentication": false,
    "managementFrameProtection": "Disabled",
    "ssid": "string",
    "vlanId": 1,
    "wlanSecurity": "WPA2Enterprise"
  }
}
```

Response samples

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

Content type

application/json

Copy Expand all Collapse all

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

Delete Wi-Fi Network Template

Delete a Wi-Fi network template.

PATH PARAMETERS

wifiNetworkTemplateId	string
required	Wi-Fi Network Template ID

Responses

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

DELETE /templates/wifiNetworks/{wifiNetworkTemplateId}

Response samples

202400401403404422423500

Content type

application/json

Copy

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

Get Wi-Fi Network Template

Get the Wi-Fi network template details.

PATH PARAMETERS

wifiNetworkTemplateId	string
required	Wi-Fi Network Template ID

Responses

-

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

GET /templates/wifiNetworks/{wifiNetworkTemplateId}

Response samples

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

Content type

application/json

Example

AAAWifiNetwork

CopyExpand allCollapse all

```
{
  "id": "string",
  "name": "string",
  "type": "AAAWifiNetwork",
  "description": "string",
  "useCertificateTemplate": false,
  "wlan": {
    + "advancedCustomization": { ... },
    "bypassCNA": false,
    "bypassCPUUsingMacAddressAuthentication": false,
    "enabled": true,
    "macAddressAuthentication": false,
    "managementFrameProtection": "Disabled",
    "ssid": "string",
    "vlanId": 1,
    "wlanSecurity": "WPA2Enterprise"
  }
}
```

Update Wi-Fi Network Template

Update this Wi-Fi network template, including nested details.

PATH PARAMETERS

wifiNetworkTemplateId

string

required

Wi-Fi Network Template ID

REQUEST BODY SCHEMA:

application/json

required

One of

AAAWifiNetwork

DpskWifiNetwork

GuestWifiNetwork

Hotspot20WifiNetwork

OpenWifiNetwork

PskWifiNetwork


```
}

```

Response samples

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

Content type
application/json

Copy

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

Clone Wi-Fi Network Template

Clone a existing Wi-Fi network template.

PATH PARAMETERS

wifiNetworkTemplateId	string
required	Wi-Fi Network Template ID

REQUEST BODY SCHEMA: application/json

required

id	string
name	string
required	

Responses

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

POST /templates/wifiNetworks/{wifiNetworkTemplateId}/cloneSettings

Request samples

Payload

Content type
application/json

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

Response samples

202

400

401

403

404

422

423

500

Content type

application/json



Copy Expand all Collapse all

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