

# Switch Service API & Model Documentation (0.4.0)

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## Overview

### Rate Limit

For the Switch REST API the following will be true:

- Limits are applied to each tenant.
- A maximum of 20 calls can be made per second.
- Each second 10 calls will be returned to be used.

### AAA Server

Manage AAA (authentication, authorization, and accounting) Servers.

## Get AAA Server-Setting

Get a switch's authentication, authorization, and accounting server setting.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

|                         |        |
|-------------------------|--------|
| venueId<br>required     | string |
| aaaServerId<br>required | string |

### Responses

> 200 OK

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related entity not found

> 422 Validation error

> 500 Internal Server Error

GET /venues/{venueId}/aaaServers/{aaaServerId}

### Response samples

200

400

401

403

404

422

500

Content type  
application/json

```
{
  "id": "string",
  "name": "string",
  "username": "string",
  "password": "string",
  "purpose": "UNSPECIFIED",
  "level": "UNSPECIFIED",
  "serverType": "__NULL",
  "secret": "string",
  "ip": "string",
  "acctPort": 0,
  "authPort": 0,
  "switchCountInVenue": 0,
  "syncdPasswordSwitchCount": 0
}
```

## Update AAA Server

Update authentication, authorization, and accounting server by id. Use activity API with request id to get the status update.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

|                         |        |
|-------------------------|--------|
| venueId<br>required     | string |
| aaaServerId<br>required | string |

REQUEST BODY SCHEMA: application/json ☐  
required

|                   |                                                                                                                       |
|-------------------|-----------------------------------------------------------------------------------------------------------------------|
| id                | string                                                                                                                |
| acctPort          | integer <int32> [ 0 .. 65535 ]                                                                                        |
| authPort          | integer <int32> [ 0 .. 65535 ]                                                                                        |
| ip                | string <code>^(?:([1-9]\d? 1\d\d 2[0-4]\d 25[0-5])(?:\.(?:[1-9]\d? 1\d\d 2[0-4]\d 25[0-5])){3})\$</code> Show pattern |
| level             | string<br>Enum: "UNSPECIFIED" "READ_WRITE" "PORT_CONFIG" "READ_ONLY" "LEVEL_NONE"                                     |
| name              | string [ 2 .. 64 ] characters                                                                                         |
| password          | string [ 8 .. 64 ] characters                                                                                         |
| encryptedPassword | string                                                                                                                |
| purpose           | string<br>Enum: "UNSPECIFIED" "DEFAULT" "AUTHENTICATION_ONLY" "AUTHORIZATION_ONLY" "ACCOUNTING_ONLY"                  |
| secret            | string [ 1 .. 64 ] characters                                                                                         |
| serverType        | string<br>Enum: "__NULL" "RADIUS" "TACACS_PLUS" "LOCAL" "NONE_TYPE"                                                   |

|            |                               |
|------------|-------------------------------|
| username   | string [ 2 .. 48 ] characters |
| authEnable | boolean                       |

## Responses

> **200** OK

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

**PUT** /venues/{venueId}/aaaServers/{aaaServerId}

### Request samples

#### Payload

Content type

application/json

Copy

```
{
  "id": "string",
  "acctPort": 65535,
  "authPort": 65535,
  "ip": "string",
  "level": "UNSPECIFIED",
  "name": "string",
  "password": "stringst",
  "encryptedPassword": "string",
  "purpose": "UNSPECIFIED",
  "secret": "string",
  "serverType": "__NULL",
  "username": "string",
  "authEnable": true
}
```

### Response samples

**200**

**400**

**401**

**403**

**404**

**422**

**500**

Content type

application/json

CopyExpand allCollapse all

```
{
  "id": "string",
  "name": "string",
  "username": "string",
  "password": "string",
  "purpose": "UNSPECIFIED",
  "level": "UNSPECIFIED",
  "serverType": "__NULL",
  "secret": "string",
  "ip": "string",
  "acctPort": 0,
  "authPort": 0,
  "switchCountInVenue": 0,
  "syncdPasswordSwitchCount": 0,
  "aaaServerViewList": [
    { }
  ]
}
```

Delete AAA Server

Delete authentication, authorization, and accounting server by id.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

|                         |        |
|-------------------------|--------|
| venueId<br>required     | string |
| aaaServerId<br>required | string |

Responses

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

DELETE /venues/{venueId}/aaaServers/{aaaServerId}

Response samples

- 200400401403404422500



Content type  
application/json

Copy Expand all Collapse all

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

## Add AAA Server

Add authentication, authorization, and accounting server. Use activity API with request id to get the status update.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

venueId  
required string

REQUEST BODY SCHEMA: application/json  
required

|                   |                                                                                                                       |
|-------------------|-----------------------------------------------------------------------------------------------------------------------|
| id                | string                                                                                                                |
| acctPort          | integer <int32> [ 0 .. 65535 ]                                                                                        |
| authPort          | integer <int32> [ 0 .. 65535 ]                                                                                        |
| ip                | string <code>^(?:([1-9]\d? 1\d\d 2[0-4]\d 25[0-5])(?:\.(?:[1-9]\d? 1\d\d 2[0-4]\d 25[0-5])){3})\$</code> Show pattern |
| level             | string<br>Enum: "UNSPECIFIED" "READ_WRITE" "PORT_CONFIG" "READ_ONLY" "LEVEL_NONE"                                     |
| name              | string [ 2 .. 64 ] characters                                                                                         |
| password          | string [ 8 .. 64 ] characters                                                                                         |
| encryptedPassword | string                                                                                                                |
| purpose           | string<br>Enum: "UNSPECIFIED" "DEFAULT" "AUTHENTICATION_ONLY" "AUTHORIZATION_ONLY" "ACCOUNTING_ONLY"                  |
| secret            | string [ 1 .. 64 ] characters                                                                                         |
| serverType        | string<br>Enum: "NULL" "RADIUS" "TACACS_PLUS" "LOCAL" "NONE_TYPE"                                                     |
| username          | string [ 2 .. 48 ] characters                                                                                         |
| authEnable        | boolean                                                                                                               |

## Responses

> **200** OK

> **201** Created

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

**POST** /venues/{venueId}/aaaServers

### Request samples

#### Payload

Content type

application/json

Copy

```
{
  "id": "string",
  "acctPort": 65535,
  "authPort": 65535,
  "ip": "string",
  "level": "UNSPECIFIED",
  "name": "string",
  "password": "stringst",
  "encryptedPassword": "string",
  "purpose": "UNSPECIFIED",
  "secret": "string",
  "serverType": "__NULL",
  "username": "string",
  "authEnable": true
}
```

### Response samples

**200**

**201**

**400**

**401**

**403**

**404**

**422**

**500**

Content type

application/json

Copy

Expand all

Collapse all

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

```
    "purpose": "UNSPECIFIED",
    "level": "UNSPECIFIED",
    "serverType": "__NULL",
    "secret": "string",
    "ip": "string",
    "acctPort": 0,
    "authPort": 0,
    "switchCountInVenue": 0,
    "syncdPasswordSwitchCount": 0,
    - "aaaServerViewList": [
      { }
    ]
  }
}
```

## Delete AAA Servers

Delete multiple authentication, authorization, and accounting servers.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

venueId  
required string

REQUEST BODY SCHEMA: application/json  
required

Array [  
string  
]

### Responses

> 204 No Content

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related entity not found

> 422 Validation error

> 500 Internal Server Error

DELETE /venues/{venueId}/aaaServers

### Request samples

Payload

Content type  
application/json

Copy

```
[  
  "string"  
]
```

Response samples

204

400

401

403

404

422

500

Content type

application/json

CopyExpand allCollapse all

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

Query AAA Servers

List of venue's authentication, authorization, and accounting servers.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

venueId

required

string

REQUEST BODY SCHEMA: application/json

required

fields

Array of strings

page

integer <int32>

pageSize

integer <int32>

sortField

string

sortOrder

string

Enum: "ASC" "DESC"

serverType

string

Enum: "NULL" "RADIUS" "TACACS\_PLUS" "LOCAL" "NONE\_TYPE"

Responses

> 200 OK

> 400 Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

POST /venues/{venueId}/aaaServers/query

### Request samples

#### Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "fields": [
    "string"
  ],
  "page": 0,
  "pageSize": 0,
  "sortField": "string",
  "sortOrder": "ASC",
  "serverType": "__NULL"
}
```

### Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "data": [
    { }
  ],
  "fields": [
    "string"
  ],
  "page": 0,
  "totalCount": 0,
  "totalPages": 0
}
```

## AAA Setting

Manage AAA (authentication, authorization, and accounting) Settings.

## Retrieve AAA Setting

Retrieve venue's authentication, authorization, and accounting setting.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

venueId  
required string

### Responses

> 200 OK

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related entity not found

> 422 Validation error

> 500 Internal Server Error

GET /venues/{venueId}/aaaSettings

### Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy

```
{
  "id": "string",
  "authnEnabledSsh": true,
  "authnFirstPref": "string",
  "authnSecondPref": "string",
  "authnThirdPref": "string",
  "authnFourthPref": "string",
  "authzEnabledCommand": true,
  "authzEnabledExec": true,
  "authzCommonsLevel": "string",
  "authzCommonsFirstServer": "string",
  "authzCommonsSecondServer": "string",
  "authzCommonsThirdServer": "string",
  "authzExecFirstServer": "string",
  "authzExecSecondServer": "string",
  "authzExecThirdServer": "string",
  "acctEnabledCommand": true,
  "acctEnabledExec": true,
```

```
"acctCommonsLevel": "string",
"acctCommonsFirstServer": "string",
"acctCommonsSecondServer": "string",
"acctCommonsThirdServer": "string",
"acctExecFirstServer": "string",
"acctExecSecondServer": "string",
"acctExecThirdServer": "string"
}
```

## Update AAA Setting

Update authentication, authorization, and accounting setting by id. Use activity API with request id to get the status update.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

→ venueId string  
required

REQUEST BODY SCHEMA: application/json  
required

→ id string

→ authnEnabledSsh boolean

→ authnFirstPref string

→ authnSecondPref string

→ authnThirdPref string

→ authnFourthPref string

→ authzEnabledCommand boolean

→ authzEnabledExec boolean

→ authzCommonsLevel string

→ authzCommonsFirstServer string

→ authzCommonsSecondServer string

→ authzCommonsThirdServer string

→ authzExecFirstServer string

→ authzExecSecondServer string

→ authzExecThirdServer string

→ acctEnabledCommand boolean

→ acctEnabledExec boolean

→ acctCommonsLevel string

→ acctCommonsFirstServer string

|                         |        |
|-------------------------|--------|
| acctCommonsSecondServer | string |
| acctCommonsThirdServer  | string |
| acctExecFirstServer     | string |
| acctExecSecondServer    | string |
| acctExecThirdServer     | string |

## Responses

> **200** OK

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

**PUT** /venues/{venueId}/aaaSettings

### Request samples

#### Payload

Content type

application/json

Copy

```
{
  "id": "string",
  "authnEnabledSsh": true,
  "authnFirstPref": "string",
  "authnSecondPref": "string",
  "authnThirdPref": "string",
  "authnFourthPref": "string",
  "authzEnabledCommand": true,
  "authzEnabledExec": true,
  "authzCommonsLevel": "string",
  "authzCommonsFirstServer": "string",
  "authzCommonsSecondServer": "string",
  "authzCommonsThirdServer": "string",
  "authzExecFirstServer": "string",
  "authzExecSecondServer": "string",
  "authzExecThirdServer": "string",
  "acctEnabledCommand": true,
  "acctEnabledExec": true,
  "acctCommonsLevel": "string",
```



```
"acctCommonsFirstServer": "string",
"acctCommonsSecondServer": "string",
"acctCommonsThirdServer": "string",
"acctExecFirstServer": "string",
"acctExecSecondServer": "string",
"acctExecThirdServer": "string"
}
```

## Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": {
    "id": "string",
    "authnEnabledSsh": true,
    "authnFirstPref": "string",
    "authnSecondPref": "string",
    "authnThirdPref": "string",
    "authnFourthPref": "string",
    "authzEnabledCommand": true,
    "authzEnabledExec": true,
    "authzCommonsLevel": "string",
    "authzCommonsFirstServer": "string",
    "authzCommonsSecondServer": "string",
    "authzCommonsThirdServer": "string",
    "authzExecFirstServer": "string",
    "authzExecSecondServer": "string",
    "authzExecThirdServer": "string",
    "acctEnabledCommand": true,
    "acctEnabledExec": true,
    "acctCommonsLevel": "string",
    "acctCommonsFirstServer": "string",
    "acctCommonsSecondServer": "string",
    "acctCommonsThirdServer": "string",
    "acctExecFirstServer": "string",
    "acctExecSecondServer": "string",
    "acctExecThirdServer": "string"
  }
}
```

## Command-Line Interface Template

Manage command-line interface templates.

### Associate Command-Line Interface Templates

Associate command-line interface templates to switches.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

|                           |        |
|---------------------------|--------|
| venueId<br>required       | string |
| cliTemplateId<br>required | string |

REQUEST BODY SCHEMA: application/json  
required

Array [  
  string  
]

Responses

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

PUT /venues/{venueId}/cliTemplates/{cliTemplateId}

Request samples

Payload

Content type  
application/json

Copy

```
[  
  "string"  
]
```

Response samples

202

400

401

403

404

422

500

Content type  
application/json

Copy Expand all Collapse all

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

```
id : string
}
}
```

## Disassociate Command-Line Interface Templates

Disassociate command-line interface templates to switches.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

|                           |        |
|---------------------------|--------|
| venueId<br>required       | string |
| cliTemplateId<br>required | string |

REQUEST BODY SCHEMA: application/json  
required

```
Array [  
  string  
]
```

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

**DELETE** /venues/{venueId}/cliTemplates/{cliTemplateId} ✓

### Request samples

Payload

Content type  
application/json

Copy

```
[  
  "string"  
]
```

### Response samples

202400401403404422500

Content type

application/json

CopyExpand allCollapse all

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

## Get Command-Line Interface Template

Get a command-line interface template by id.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

cliTemplateId

required

string

### Responses

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

GET /cliTemplates/{cliTemplateId}

Response samples

200400401403404422500

Content type

application/json

CopyExpand allCollapse all

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

```
- "variables": [
  + { ... }
],
"reload": true,
"applyLater": true,
- "venueSwitches": [
  + { ... }
]
}
```

## Update Command-Line Interface Template

Update a command-line interface template for switches by id.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

→ cliTemplateId  
required string

REQUEST BODY SCHEMA: application/json ▼  
required

→ applyLater boolean

→ cli string

→ id string

→ name string <sup>^.{1,64}\$</sup>

→ reload boolean

→ variables > Array of objects (AcxCliTemplateVariableBo) unique

→ venueSwitches > Array of objects (VenueSwitchBo)

## Responses

> 200 OK

> 202 Accepted

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related entity not found

> 422 Validation error

> 500 Internal Server Error

PUT /cliTemplates/{cliTemplateId}

## Request samples

### Payload

Content type  
application/json

Copy Expand all Collapse all

```
{
  "applyLater": true,
  "cli": "string",
  "id": "string",
  "name": "string",
  "reload": true,
  - "variables": [
    + { ... }
  ],
  - "venueSwitches": [
    + { ... }
  ]
}
```

## Response samples

200

202

400

401

403

404

422

500

Content type  
application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "name": "string",
  "cli": "string",
  - "variables": [
    + { ... }
  ],
  "reload": true,
  "applyLater": true,
  - "venueSwitches": [
    + { ... }
  ]
}
```

## Delete Command-Line Interface Template

Delete a command-line interface template by id.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

cliTemplateId  
required

string

Responses

- > 200 OK
- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Unauthorized
- > 403 Forbidden
- > 404 Requested resource or related entity not found
- > 422 Validation error
- > 500 Internal Server Error

DELETE /cliTemplates/{cliTemplateId}

Response samples

200 202 400 401 403 404 422 500

Content type

application/json

Copy Expand all Collapse all

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

Add Command-Line Interface Template

Create a command-line interface template for switches.

AUTHORIZATIONS: > jwtAuth

REQUEST BODY SCHEMA: application/json

required

|                 |                                                    |
|-----------------|----------------------------------------------------|
| applyLater      | boolean                                            |
| cli             | string                                             |
| id              | string                                             |
| name            | string ^.{1,64}\$                                  |
| reload          | boolean                                            |
| variables >     | Array of objects (AcxCliTemplateVariableBo) unique |
| venueSwitches > | Array of objects (VenueSwitchBo)                   |

Responses

- > 200 OK
- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Unauthorized
- > 403 Forbidden
- > 404 Requested resource or related entity not found
- > 422 Validation error
- > 500 Internal Server Error

POST /cliTemplates

Request samples

Payload

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "applyLater": true,
  "cli": "string",
  "id": "string",
  "name": "string",
  "reload": true,
  "variables": [
    + { ... }
  ],
  "venueSwitches": [
    + { ... }
  ]
}
```

Response samples

200

202

400

401

403

404

422

500

Content type

application/json

Copy

Expand all

Collapse all

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



```
name : string ,
"cli": "string",
- "variables": [
+ { ... }
],
"reload": true,
"applyLater": true,
- "venueSwitches": [
+ { ... }
]
}
```

## Delete Command-Line Interface Templates

Delete command-line interface templates.

AUTHORIZATIONS: > jwtAuth

REQUEST BODY SCHEMA: application/json   
required

Array [  
  string  
]

### Responses

> **200** OK

> **202** Accepted

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

**DELETE** /cliTemplates 

### Request samples

Payload

Content type

application/json 

Copy

```
[
  "string"
]
```

### Response samples

200

202

400

401

403

404

422

500

Content type

application/json

Copy

Expand all

Collapse all

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

## Query Command-Line Interface Templates

Get a list of command-line interface templates by query.

AUTHORIZATIONS: > jwtAuth

REQUEST BODY SCHEMA: application/json

required

|                    |                              |
|--------------------|------------------------------|
| fields             | Array of strings             |
| page               | integer <int32>              |
| pageSize           | integer <int32>              |
| sortField          | string                       |
| sortOrder          | string<br>Enum: "ASC" "DESC" |
| filterType         | string<br>Deprecated         |
| filters >          | object                       |
| searchString       | string                       |
| searchTargetFields | Array of strings             |

### Responses

> 200 OK

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

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

> **422** Validation error

> **500** Internal Server Error

POST /cliTemplates/query

### Request samples

Payload

Content type  
application/json

Copy Expand all Collapse all

```
{
  "fields": [
    "string"
  ],
  "page": 0,
  "pageSize": 0,
  "sortField": "string",
  "sortOrder": "ASC",
  "filterType": "string",
  "filters": {
    "property1": [ ... ],
    "property2": [ ... ]
  },
  "searchString": "string",
  "searchTargetFields": [
    "string"
  ]
}
```

### Response samples

200

400

401

403

404

422

500

Content type  
application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "data": {
    {}
  },
  "fields": [
    "string"
  ],
  "page": 0,
  "totalCount": 0,
  "totalPages": 0
}
```

# Get Command-Line Interface Template-Examples

Get a list of command-line interface template examples.

AUTHORIZATIONS: >      jwtAuth

QUERY PARAMETERS

→ category      string

## Responses

> 200 OK

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related entity not found

> 422 Validation error

> 500 Internal Server Error

GET /cliTemplates/examples

## Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy

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

## Configuration History

Retrieve configuration history.

## Get Configuration History

Get the configuration history details for this transaction relative to the switches in this venue.

AUTHORIZATIONS: >      jwtAuth

PATH PARAMETERS

|                                                      |                                                           |
|------------------------------------------------------|-----------------------------------------------------------|
| venueId<br>required                                  | string                                                    |
| transactionId<br>required                            | string                                                    |
| REQUEST BODY SCHEMA: application/json <span>▼</span> |                                                           |
| filterByStatus                                       | string<br>Enum: "ALL" "SUCCESS" "FAILED" "NOTIFY_SUCCESS" |
| sortInfo >                                           | object (ConfigurationHistoryDetailSortInfo)               |
| filterByConfigType                                   | string                                                    |
| page                                                 | integer <int32>                                           |
| limit                                                | integer <int32>                                           |
| pageSize                                             | integer <int32>                                           |
| sortField                                            | string<br>Enum: "startTime" "configType" "dispatchStatus" |
| sortOrder                                            | string<br>Enum: "ASC" "DESC"                              |
| filters >                                            | object (ConfigurationHistoryFilter)                       |
| orderBy                                              | string                                                    |

Responses

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

POST

/venues/{venueId}/transactions/{transactionId}/configHistDetails

▼

Request samples

Payload

Content type

application/json

▼

Copy

Expand all

Collapse all

```
{
  "filterByStatus": "ALL",
  "sortInfo": {
    "sortColumn": "startTime",
    "dir": "ASC"
  },
  "filterByConfigType": "string",
  "page": 0,
  "limit": 0,
  "pageSize": 0,
  "sortField": "startTime",
  "sortOrder": "ASC",
  "filters": {
    + "filterByStatus": [ ... ],
    + "configType": [ ... ]
  },
  "orderBy": "string"
}
```

## Response samples

200

400

401

403

404

422

500

### Content type

application/json

Copy

Expand all

Collapse all

```
{
  "id": "string",
  "totalCount": 0,
  "list": [
    + { ... }
  ]
}
```

## Get Configuration History

Query for configuration history details on this switch.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

venueId  
required string

switchId  
required string

REQUEST BODY SCHEMA: application/json  
required

page integer <int32>

pageSize integer <int32>

sortField string  
Enum: "startTime" "configType" "dispatchStatus"

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| sortOrder          | string<br>Enum: "ASC" "DESC"                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| filterByConfigType | string<br>Enum: "PROVISIONING" "ACL" "VLAN" "STATIC_ROUTE" "PORT_CONFIGURATION" "CLI_PROVISIONING" "CLI_UPDATE" "VE_PORTS" "SPECIFIC_SETTING" "LAG" "LAG_SETTINGS" "MODEL" "DNS_SERVER" "AAA_SETTING" "AAA_SERVER" "MSP_CONFIGURATION" "SYSLOG_SERVER" "DHCP_SERVER" "TRUSTED_PORT" "STACK" "IP_CONFIG" "OVERWRITE" "DEFAULT_VLAN" "TRIGGER_SYNC" "COLLECT_CONFIG" "VXLAN" "WEB_AUTHENTICATION" "ADMIN_PASSWORD" "NTP_SERVER" "AUTHENTICATION" "PORT_PROFILE" "PORT_DISABLE_RECOVERY" "MAC_ACL" |

## Responses

> **200** OK

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

**POST** /venues/{venueId}/switches/{switchId}/configHistDetails/query

### Request samples

#### Payload

Content type

application/json

Copy

```
{
  "page": 0,
  "pageSize": 0,
  "sortField": "startTime",
  "sortOrder": "ASC",
  "filterByConfigType": "PROVISIONING"
}
```

### Response samples

**200**

**400**

**401**

**403**

**404**

**422**

**500**

Content type

application/json

CopyExpand allCollapse all

```
{
  "id": "string",
  "totalCount": 0,
  "list": [
    + { ... }
  ]
}
```

# Get Configuration History

Query for configuration history details for switches in this venue.

AUTHORIZATIONS: >      jwtAuth

PATH PARAMETERS

venueId  
required      string

REQUEST BODY SCHEMA:   application/json     
required

|                    |                                     |
|--------------------|-------------------------------------|
| sortInfo >         | object (SortInfo)                   |
| filterByConfigType | string                              |
| page               | integer <int32>                     |
| limit              | integer <int32>                     |
| pageSize           | integer <int32>                     |
| sortField          | string<br>Value: "startTime"        |
| sortOrder          | string<br>Enum: "ASC" "DESC"        |
| filters >          | object (ConfigurationHistoryFilter) |

## Responses

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



POST /venues/{venueId}/configHistories/query

### Request samples

#### Payload

Content type  
application/json

Copy Expand all Collapse all

```
{
  - "sortInfo": {
    "sortColumn": "startTime",
    "dir": "ASC"
  },
  "filterByConfigType": "string",
  "page": 0,
  "limit": 0,
  "pageSize": 0,
  "sortField": "startTime",
  "sortOrder": "ASC",
  - "filters": {
    + "filterByStatus": [ ... ],
    + "configType": [ ... ]
  }
}
```

### Response samples

200

400

401

403

404

422

500

Content type  
application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "totalCount": 0,
  - "list": [
    + { ... }
  ]
}
```

## Get Configuration History

Get the configuration history details of this transaction on this switch.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

|                      |        |
|----------------------|--------|
| venueId<br>required  | string |
| switchId<br>required | string |

transactionId  
required

string

Responses

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

GET

/venues/{venueId}/switches/{switchId}/transactions/{transactionId}/co... ▾

Response samples

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

Content type

application/json ▾

Copy

Expand all

Collapse all

```
{
  "id": "string",
  "totalCount": 0,
  "list": [
    + { ... }
  ]
}
```

DHCP Server

Manage ICX DHCP servers.

Get DHCP Server-Setting

Get switch's DHCP server setting.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

venueId  
required

string

switchId  
required

string

dhcpServerId

required

string

## Responses

> **200** OK

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

GET /venues/{venueId}/switches/{switchId}/dhcpServers/{dhcpServerId}

## Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "id": "string",
  "poolName": "string",
  "defaultRouterIp": "string",
  "excludedEnd": "string",
  "excludedStart": "string",
  "leaseDays": 0,
  "leaseHrs": 0,
  "leaseMins": 0,
  "dhcpOptions": [
    + { ... }
  ],
  "subnetAddress": "string",
  "subnetMask": "string"
}
```

## Update DHCP Server-Setting

Update switch's DHCP server setting.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

|                          |        |
|--------------------------|--------|
| venueId<br>required      | string |
| switchId<br>required     | string |
| dhcpServerId<br>required | string |

REQUEST BODY SCHEMA: application/json

required

|                 |                                        |
|-----------------|----------------------------------------|
| id              | string                                 |
| poolName        | string                                 |
| defaultRouterIp | string                                 |
| excludedEnd     | string                                 |
| excludedStart   | string                                 |
| leaseDays       | integer <int32>                        |
| leaseHrs        | integer <int32>                        |
| leaseMins       | integer <int32>                        |
| dhcpOptions     | Array of objects (DhcpOptionViewV1001) |
| subnetAddress   | string                                 |
| subnetMask      | string                                 |

## Responses

> 200 OK

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related entity not found

> 422 Validation error

> 500 Internal Server Error

PUT /venues/{venueId}/switches/{switchId}/dhcpServers/{dhcpServerId}

## Request samples

Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "poolName": "string",
  "defaultRouterIp": "string",
  "excludedEnd": "string",
  "excludedStart": "string",
  "leaseDays": 0,
  "leaseHrs": 0,
  "leaseMins": 0,
  "dhcpOptions": [
    + { ... }
  ],
  "subnetAddress": "string",
  "subnetMask": "string"
}
```

Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": {
    "id": "string",
    "poolName": "string",
    "defaultRouterIp": "string",
    "excludedEnd": "string",
    "excludedStart": "string",
    "leaseDays": 0,
    "leaseHrs": 0,
    "leaseMins": 0,
    + "dhcpOptions": [ ... ],
    "subnetAddress": "string",
    "subnetMask": "string"
  }
}
```

Delete DHCP Server-Setting

Delete switch's DHCP server setting.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

|                      |        |
|----------------------|--------|
| venueId<br>required  | string |
| switchId<br>required | string |

dhcpServerId  
required string

## Responses

> 200 OK

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related entity not found

> 422 Validation error

> 500 Internal Server Error

DELETE /venues/{venueId}/switches/{switchId}/dhcpServers/{dhcpServerId} ▾

## Response samples

200

400

401

403

404

422

500

### Content type

application/json ▾

Copy Expand all Collapse all

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

## Add DHCP Server

Add switch's DHCP server settings. Use activity API with request id to get the status update.

AUTHORIZATIONS: > jwtAuth

### PATH PARAMETERS

venueId  
required string

switchId  
required string

REQUEST BODY SCHEMA: application/json ▾  
required

id string

|                 |                                        |
|-----------------|----------------------------------------|
| poolName        | string                                 |
| defaultRouterIp | string                                 |
| excludedEnd     | string                                 |
| excludedStart   | string                                 |
| leaseDays       | integer <int32>                        |
| leaseHrs        | integer <int32>                        |
| leaseMins       | integer <int32>                        |
| dhcpOptions >   | Array of objects (DhcpOptionViewV1001) |
| subnetAddress   | string                                 |
| subnetMask      | string                                 |

## Responses

> **201** Created

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

**POST** /venues/{venueId}/switches/{switchId}/dhcpServers

## Request samples

### Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "poolName": "string",
  "defaultRouterIp": "string",
  "excludedEnd": "string",
  "excludedStart": "string",
  "leaseDays": 0,
  "leaseHrs": 0,
  "leaseMins": 0,
  "dhcpOptions": [
```

```
+ { ... }
},
"subnetAddress": "string",
"subnetMask": "string"
}
```

## Response samples

201

400

401

403

404

422

500

### Content type

application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": {
    "id": "string",
    "poolName": "string",
    "defaultRouterIp": "string",
    "excludedEnd": "string",
    "excludedStart": "string",
    "leaseDays": 0,
    "leaseHrs": 0,
    "leaseMins": 0,
    "dhcpOptions": [ ... ],
    "subnetAddress": "string",
    "subnetMask": "string"
  }
}
```

## Delete DHCP Servers

Delete switch's DHCP servers.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

|                      |        |
|----------------------|--------|
| venueId<br>required  | string |
| switchId<br>required | string |

REQUEST BODY SCHEMA: application/json   
required

Array [  
  string  
]

## Responses

> 204 No Content

> 400 Bad/malformed request



- > 401 Unauthorized
- > 403 Forbidden
- > 404 Requested resource or related entity not found
- > 422 Validation error
- > 500 Internal Server Error

DELETE /venues/{venueId}/switches/{switchId}/dhcpServers

Request samples

Payload

Content type  
application/json

Copy

```
[  
  "string"  
]
```

Response samples

204

400

401

403

404

422

500

Content type  
application/json

Copy Expand all Collapse all

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

Query DHCP Servers

List of ICX's DHCP servers.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

|                      |        |
|----------------------|--------|
| venueId<br>required  | string |
| switchId<br>required | string |

REQUEST BODY SCHEMA: application/json  
required

|           |                              |
|-----------|------------------------------|
| fields    | Array of strings             |
| page      | integer <int32>              |
| pageSize  | integer <int32>              |
| sortField | string                       |
| sortOrder | string<br>Enum: "ASC" "DESC" |

## Responses

> **200** OK

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

**POST** /venues/{venueId}/switches/{switchId}/dhcpServers/query

### Request samples

Payload

Content type  
application/json

Copy Expand all Collapse all

```
{
  "fields": [
    "string"
  ],
  "page": 0,
  "pageSize": 0,
  "sortField": "string",
  "sortOrder": "ASC"
}
```

### Response samples

**200**

400

401

403

404

422

500

Content type  
application/json

CopyExpand allCollapse all

```
{
  "id": "string",
  "data": [
    {}
  ],
  "fields": [
    "string"
  ],
  "page": 0,
  "totalCount": 0,
  "totalPages": 0
}
```

## Change Switch DHCP Server State

Change switch's DHCP server state. Use activity API with request id to get the status update.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

|                      |        |
|----------------------|--------|
| venueId<br>required  | string |
| switchId<br>required | string |

REQUEST BODY SCHEMA: application/json 

required

|       |         |
|-------|---------|
| state | boolean |
|-------|---------|

### Responses

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

PATCH /venues/{venueId}/switches/{switchId}/dhcpServerStates

Request samples

Payload

Content type

application/json

Copy

```
{  "state": true}
```

Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy Expand all Collapse all

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

ICX Switch

Manage ICX Switches.

Get ICX Switch

Get ICX switch by id.

|                      |         |
|----------------------|---------|
| AUTHORIZATIONS: >    | jwtAuth |
| PATH PARAMETERS      |         |
| venueId<br>required  | string  |
| switchId<br>required | string  |

Responses

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

> 422 Validation error

> 500 Internal Server Error

GET /venues/{venueId}/switches/{switchId}

Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "name": "string",
  "description": "string",
  "enableStack": true,
  "igmpSnooping": "active",
  "jumboMode": true,
  "spanningTreePriority": 0,
  "stackMembers": [
    + { ... }
  ],
  "ipAddressInterfaceType": "NONE",
  "ipAddressInterface": "string",
  "ipAddressType": "static",
  "ipAddress": "string",
  "subnetMask": "string",
  "defaultGateway": "string",
  "dhcpClientEnabled": true,
  "dhcpServerEnabled": true,
  "initialVlanId": 0,
  "specifiedType": "AUTO",
  "rearModule": "string",
  "vlanCustomize": true
}
```

## Update ICX Switch

Update ICX switch. Use activity API with request id to get the status update.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

|                      |        |
|----------------------|--------|
| venueId<br>required  | string |
| switchId<br>required | string |

REQUEST BODY SCHEMA: application/json required

|    |        |
|----|--------|
| id | string |
|----|--------|

|                        |                                                 |
|------------------------|-------------------------------------------------|
| name                   | string                                          |
| description            | string                                          |
| enableStack            | boolean                                         |
| igmpSnooping           | string<br>Enum: "active" "passive" "none"       |
| jumboMode              | boolean                                         |
| spanningTreePriority   | integer <int32>                                 |
| stackMembers >         | Array of objects (StackMembersViewV1001)        |
| ipAddressInterfaceType | string<br>Enum: "NONE" "PORT" "VE" "MANAGEMENT" |
| ipAddressInterface     | string                                          |
| ipAddressType          | string<br>Enum: "static" "dynamic"              |
| ipAddress              | string                                          |
| subnetMask             | string                                          |
| defaultGateway         | string                                          |
| dhcpClientEnabled      | boolean                                         |
| dhcpServerEnabled      | boolean                                         |
| initialVlanId          | integer <int32>                                 |
| specifiedType          | string<br>Enum: "AUTO" "SWITCH" "ROUTER"        |
| rearModule             | string                                          |
| vlanCustomize          | boolean                                         |

## Responses

> **200** OK

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

PUT /venues/{venueId}/switches/{switchId}

## Request samples

### Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "name": "string",
  "description": "string",
  "enableStack": true,
  "igmpSnooping": "active",
  "jumboMode": true,
  "spanningTreePriority": 0,
  "stackMembers": [
    + { ... }
  ],
  "ipAddressInterfaceType": "NONE",
  "ipAddressInterface": "string",
  "ipAddressType": "static",
  "ipAddress": "string",
  "subnetMask": "string",
  "defaultGateway": "string",
  "dhcpClientEnabled": true,
  "dhcpServerEnabled": true,
  "initialVlanId": 0,
  "specifiedType": "AUTO",
  "rearModule": "string",
  "vlanCustomize": true
}
```

## Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": {
    "id": "string",
    "name": "string",
    "description": "string",
    "enableStack": true,
    "igmpSnooping": "active",
    "jumboMode": true,
    "spanningTreePriority": 0,
    + "stackMembers": [ ... ],
    "ipAddressInterfaceType": "NONE",
    "ipAddressInterface": "string",
    "ipAddressType": "static",
```

```

        "ipAddress": "string",
        "subnetMask": "string",
        "defaultGateway": "string",
        "dhcpClientEnabled": true,
        "dhcpServerEnabled": true,
        "initialVlanId": 0,
        "specifiedType": "AUTO",
        "rearModule": "string",
        "vlanCustomize": true
    }
}

```

## Add ICX Switch

Add an ICX switch. Use activity API with request id to get the status update.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

|                      |        |
|----------------------|--------|
| venueId<br>required  | string |
| switchId<br>required | string |

REQUEST BODY SCHEMA: application/json ☐ required

|                        |                                                 |
|------------------------|-------------------------------------------------|
| id                     | string                                          |
| name                   | string                                          |
| description            | string                                          |
| enableStack            | boolean                                         |
| igmpSnooping           | string<br>Enum: "active" "passive" "none"       |
| jumboMode              | boolean                                         |
| spanningTreePriority   | integer <int32>                                 |
| stackMembers >         | Array of objects (StackMembersViewV1001)        |
| ipAddressInterfaceType | string<br>Enum: "NONE" "PORT" "VE" "MANAGEMENT" |
| ipAddressInterface     | string                                          |
| ipAddressType          | string                                          |



|                   |                                          |
|-------------------|------------------------------------------|
|                   | Enum: "static" "dynamic"                 |
| ipAddress         | string                                   |
| subnetMask        | string                                   |
| defaultGateway    | string                                   |
| dhcpClientEnabled | boolean                                  |
| dhcpServerEnabled | boolean                                  |
| initialVlanId     | integer <int32>                          |
| specifiedType     | string<br>Enum: "AUTO" "SWITCH" "ROUTER" |
| rearModule        | string                                   |
| vlanCustomize     | boolean                                  |

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

**POST** /venues/{venueId}/switches/{switchId}

## Request samples

### Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "name": "string",
  "description": "string",
  "enableStack": true,
  "igmpSnooping": "active",
  "jumboMode": true,
  "spanningTreePriority": 0,
  "stackMembers": [
```

```
+ { ... }
},
"ipAddressInterfaceType": "NONE",
"ipAddressInterface": "string",
"ipAddressType": "static",
"ipAddress": "string",
"subnetMask": "string",
"defaultGateway": "string",
"dhcpClientEnabled": true,
"dhcpServerEnabled": true,
"initialVlanId": 0,
"specifiedType": "AUTO",
"rearModule": "string",
"vlanCustomize": true
}
```

## Response samples

202

400

401

403

404

422

500

### Content type

application/json

Copy Expand all Collapse all

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

## Delete ICX Switch

Delete ICX switch by id.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

|                      |        |
|----------------------|--------|
| venueId<br>required  | string |
| switchId<br>required | string |

## Responses

> 202 Accepted

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

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

> **422** Validation error

> **500** Internal Server Error

**DELETE** /venues/{venueId}/switches/{switchId}

Response samples

202

400

401

403

404

422

500

Content type

application/json

Copy Expand all Collapse all

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

Update Switch Position

Update ICX switch position in the floor plan.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

venueId  
required string

switchId  
required string

REQUEST BODY SCHEMA: application/json  
required

floorPlanId string

xPercent number <float>

yPercent number <float>

Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

**PUT** /venues/{venueId}/switches/{switchId}/positions

### Request samples

#### Payload

Content type

application/json

Copy

```
{
  "floorPlanId": "string",
  "xPercent": 0.1,
  "yPercent": 0.1
}
```

### Response samples

202

400

401

403

404

422

500

Content type

application/json

Copy

Expand all

Collapse all

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

## Retrieve ICX Switches

Retrieve list of venues' ICX switches.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

venueId  
required

string

### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

GET /venues/{venueId}/switches

## Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "venueId": "string",
  "name": "string",
  "description": "string",
  "tags": "string",
  "enableStack": true,
  "igmpSnooping": "active",
  "jumboMode": true,
  "position": {
    "id": "string",
    "floorplanId": "string",
    "xpercent": 0.1,
    "ypercent": 0.1
  },
  "spanningTreePriority": 0,
  "softDeletedDate": "2019-08-24T14:15:22Z",
  "stackMembers": [
    + { ... }
  ],
  "ipAddressInterfaceType": "NONE",
  "ipAddressInterface": "string",
  "ipAddressType": "static",
  "ipAddress": "string",
  "subnetMask": "string",
  "defaultGateway": "string",
  "firmwareVersion": "string",
  "previousMembers": [
    "string"
  ],
  "lastDataSyncTriggerTime": 0,
  "lastDataSyncTime": 0,
  "syncDataId": "string",
  "syncDataStartTime": 0,
  "syncDataEndTime": 0,
  "dhcpClientEnabled": true,
  "dhcpServerEnabled": true,
}
```

```
- "trustPorts": [  
  "string"  
],  
"initialVlanId": 0,  
"stackConfigTimestamp": "string",  
"specifiedType": "AUTO",  
"rearModule": "string",  
"vlanCustomize": true  
}
```

## Add ICX Switches

Add multiple ICX switches. Use activity API with request id to get the status update.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

venueId  
required string

REQUEST BODY SCHEMA: application/json  
required

Array [

id string

name string

description string

enableStack boolean

igmpSnooping string  
Enum: "active" "passive" "none"

jumboMode boolean

spanningTreePriority integer <int32>

stackMembers > Array of objects (StackMembersViewV1001)

ipAddressInterfaceType string  
Enum: "NONE" "PORT" "VE" "MANAGEMENT"

ipAddressInterface string

ipAddressType string  
Enum: "static" "dynamic"

ipAddress string

subnetMask string

defaultGateway string

dhcpClientEnabled boolean

dhcpServerEnabled boolean

initialVlanId integer <int32>

|               |                                          |
|---------------|------------------------------------------|
| specifiedType | string<br>Enum: "AUTO" "SWITCH" "ROUTER" |
| rearModule    | string                                   |
| vlanCustomize | boolean                                  |

Responses

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

POST

/venues/{venueId}/switches

▼

Request samples

Payload

Content type

application/json

▼

Copy

Expand all

Collapse all

```
[
  {
    "id": "string",
    "name": "string",
    "description": "string",
    "enableStack": true,
    "igmpSnooping": "active",
    "jumboMode": true,
    "spanningTreePriority": 0,
    "stackMembers": [ ... ],
    "ipAddressInterfaceType": "NONE",
    "ipAddressInterface": "string",
    "ipAddressType": "static",
    "ipAddress": "string",
    "subnetMask": "string",
    "defaultGateway": "string",
    "dhcpClientEnabled": true,
    "dhcpServerEnabled": true,
    "initialVlanId": 0,
    "specifiedType": "AUTO",
    "rearModule": "string"
  }
]
```

```
teamModule : string ,
  "vlanCustomize": true
}
]
```

## Response samples

202

400

401

403

404

422

500

### Content type

application/json

Copy Expand all Collapse all

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

## Delete ICX Switches

Delete multiple ICX switches.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

venueId  
required string

REQUEST BODY SCHEMA: application/json  
required

Array [  
 string  
]

## Responses

> 202 Accepted



> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

**DELETE** /venues/{venueId}/switches

### Request samples

#### Payload

Content type  
application/json

Copy

```
[
  "string"
]
```

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**500**

Content type  
application/json

Copy Expand all Collapse all

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

## Sync/Reboot ICX Device

Execute sync or reboot command on the specified switch device, no need to provide switch id list on the request body.

AUTHORIZATIONS: > jwtAuth

#### PATH PARAMETERS

|                      |        |
|----------------------|--------|
| venueId<br>required  | string |
| switchId<br>required | string |

REQUEST BODY SCHEMA: application/json

required

|                     |                                                     |
|---------------------|-----------------------------------------------------|
| deviceRequestAction | string<br>Enum: "sync" "reboot" "syncAdminPassword" |
| switchIdList        | Array of strings                                    |

## Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

**POST** /venues/{venueId}/switches/{switchId}/deviceRequests

### Request samples

#### Payload

Content type  
application/json

Copy Expand all Collapse all

```
{
  "deviceRequestAction": "sync",
  "switchIdList": [
    "string"
  ]
}
```

### Response samples

**202**

**400**

**401**

**403**

**404**

**422**

**500**

Content type  
application/json

Copy Expand all Collapse all

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

# Create Multiple Device Requests

Execute sync venues admin password on multiple switch devices, switch id list should be provided on the request body.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

venueId  
required string

REQUEST BODY SCHEMA: application/json  
required

deviceRequestAction string  
Enum: "sync" "reboot" "syncAdminPassword"

switchIdList Array of strings

## Responses

> 202 Accepted

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related entity not found

> 422 Validation error

> 500 Internal Server Error

POST /venues/{venueId}/deviceRequests

## Request samples

Payload

Content type  
application/json

Copy Expand all Collapse all

```
{
  "deviceRequestAction": "sync",
  "switchIdList": [
    "string"
  ]
}
```

## Response samples

202

400

401

403

404

422

500

Content type

application/json

Copy

Expand all

Collapse all

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

## Delete Stack Member

Delete stack member.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

|                                     |        |
|-------------------------------------|--------|
| venueId<br>required                 | string |
| stackSwitchSerialNumber<br>required | string |

### Responses

&gt; 200 OK

&gt; 400 Bad/malformed request

&gt; 401 Unauthorized

&gt; 403 Forbidden

&gt; 404 Requested resource or related entity not found

&gt; 422 Validation error

&gt; 500 Internal Server Error

DELETE /venues/{venueId}/stacks/{stackSwitchSerialNumber}

### Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy

Expand all

Collapse all

{

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

## Import Switch

Import Switches.

## Add Switches

Add switches by CSV file. Use activity API with request id to get the status update.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

→ venueId  
required string

REQUEST BODY SCHEMA: multipart/form-data

→ file  
required string <binary>

## Responses

> 202 Accepted

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related entity not found

> 422 Validation error

> 500 Internal Server Error

POST /venues/{venueId}/switches/importRequests

### Response samples

202

400

401

403

404

422

500

Content type

application/json

Copy

Expand all

Collapse all

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

```
id : string
}
}
```

## Get DownloadUrl And Import Result

Get download url and import result.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

venueId  
required string

QUERY PARAMETERS

operationRequestId  
required string

### Responses

> 200 OK

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related entity not found

> 422 Validation error

> 500 Internal Server Error

GET /venues/{venueId}/switches/importResults

### Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy

```
{
  "successDownloadUrl": "string",
  "failureDownloadUrl": "string",
  "successCount": 0,
  "failureCount": 0,
  "totalCount": 0
}
```

Manage LAGs (link aggregation groups).

# Get LAG

Get LAG setting by id.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

|                      |        |
|----------------------|--------|
| venueId<br>required  | string |
| switchId<br>required | string |
| lagId<br>required    | string |

Responses

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

GET /venues/{venueId}/switches/{switchId}/lags/{lagId}

Response samples

200

400

401

403

404

422

500

Content type  
application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "lagId": 0,
  "name": "string",
  "type": "static",
  "ports": [
    "string"
  ],
  "taggedVlans": [
    "string"
  ],
}
```

```
"untaggedVlan": "string",
"forceUpPort": "string"
}
```

## Update LAG

Update switch's LAG setting.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

|                      |        |
|----------------------|--------|
| venueId<br>required  | string |
| switchId<br>required | string |
| lagId<br>required    | string |

REQUEST BODY SCHEMA: application/json   
required

|              |                                    |
|--------------|------------------------------------|
| name         | string                             |
| type         | string<br>Enum: "static" "dynamic" |
| ports        | Array of strings unique            |
| taggedVlans  | Array of strings unique            |
| untaggedVlan | string                             |
| forceUpPort  | string                             |

## Responses

> 200 OK

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related entity not found

> 422 Validation error

> 500 Internal Server Error

PUT /venues/{venueId}/switches/{switchId}/lags/{lagId} 

## Request samples

Request



Payload

Content type  
application/json

Copy Expand all Collapse all

```
{
  "name": "string",
  "type": "static",
  "ports": [
    "string"
  ],
  "taggedVlans": [
    "string"
  ],
  "untaggedVlan": "string",
  "forceUpPort": "string"
}
```

Response samples

200

400

401

403

404

422

500

Content type  
application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": {
    "id": "string",
    "lagId": 0,
    "name": "string",
    "type": "static",
    "ports": [ ... ],
    "taggedVlans": [ ... ],
    "untaggedVlan": "string",
    "forceUpPort": "string"
  }
}
```

Delete LAG

Delete switch's LAG setting.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

|                      |        |
|----------------------|--------|
| venueId<br>required  | string |
| switchId<br>required | string |
| lagId<br>required    | string |

Responses

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

DELETE /venues/{venueId}/switches/{switchId}/lags/{lagId} ▾

Response samples

200 400 401 403 404 422 500

Content type

application/json ▾

Copy Expand all Collapse all

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

Get LAGs

List of switch's LAG settings.

|                      |         |
|----------------------|---------|
| AUTHORIZATIONS: >    | jwtAuth |
| PATH PARAMETERS      |         |
| switchId<br>required | string  |
| venueId<br>required  | string  |

Responses

- > 200 OK
- > 400 Bad/malformed request
- > 401 Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

GET /venues/{venueId}/switches/{switchId}/lags

### Response samples

200

400

401

403

404

422

500

#### Content type

application/json

Copy Expand all Collapse all

```
[
  - {
    "id": "string",
    "lagId": 0,
    "name": "string",
    "type": "static",
    + "ports": [ ... ],
    + "taggedVlans": [ ... ],
    "untaggedVlan": "string",
    "forceUpPort": "string"
  }
]
```

## Add LAGs

Add switch's multiple LAG settings.

AUTHORIZATIONS: > jwtAuth

#### PATH PARAMETERS

venueId  
required string

switchId  
required string

REQUEST BODY SCHEMA: application/json  
required

|              |                                    |
|--------------|------------------------------------|
| Array [      |                                    |
| name         | string                             |
| type         | string<br>Enum: "static" "dynamic" |
| ports        | Array of strings unique            |
| taggedVlans  | Array of strings unique            |
| untaggedVlan | string                             |
| forceUpPort  | string                             |
| ]            |                                    |

## Responses

> **201** Created

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

**POST** /venues/{venueId}/switches/{switchId}/lags

## Request samples

### Payload

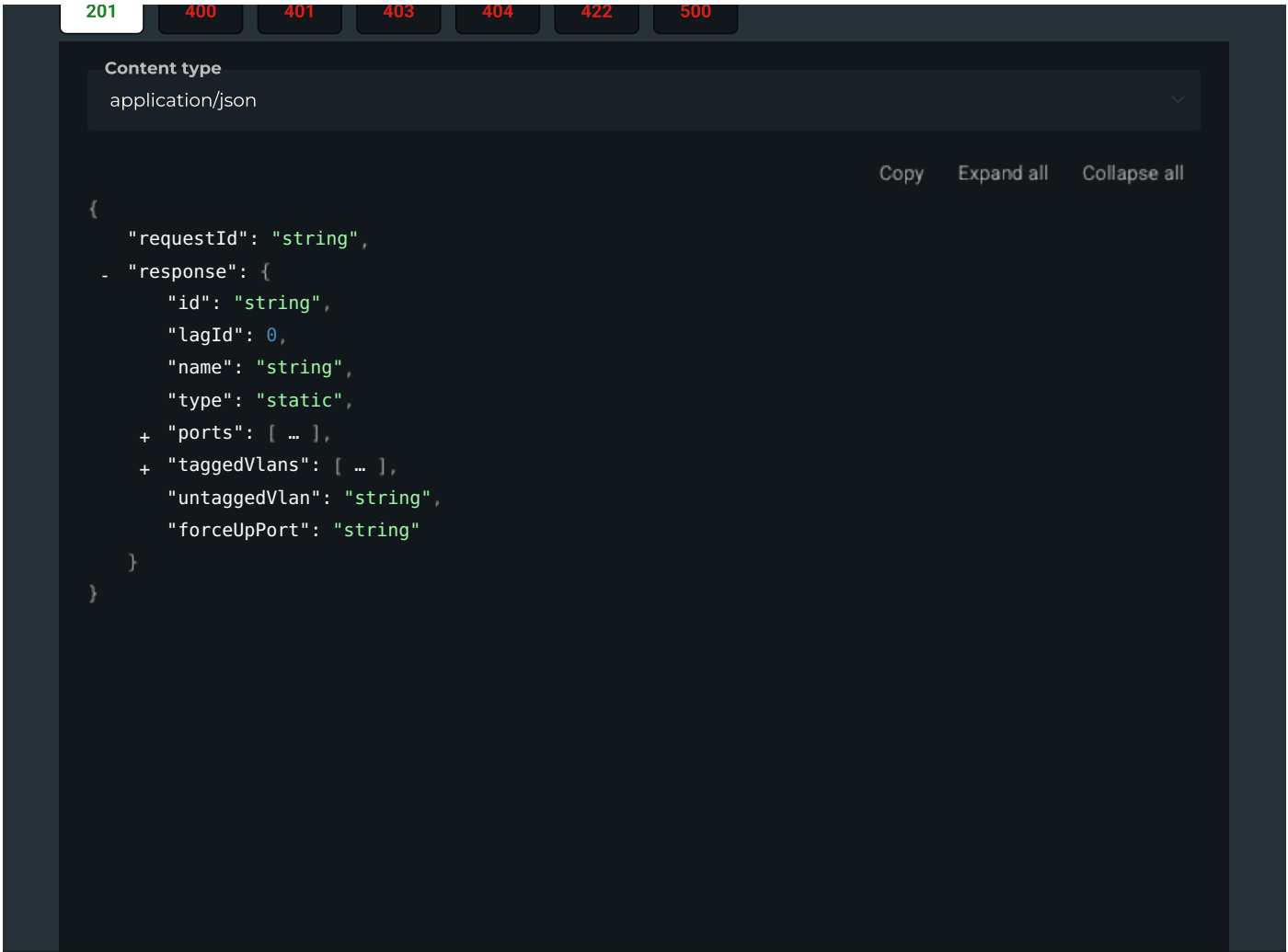
#### Content type

application/json

Copy Expand all Collapse all

```
[
  - {
    "name": "string",
    "type": "static",
    + "ports": [ ... ],
    + "taggedVlans": [ ... ],
    "untaggedVlan": "string",
    "forceUpPort": "string"
  }
]
```

## Response samples



## Delete LAGs

Delete switch's multiple LAG settings.

AUTHORIZATIONS: > jwtAuth

### PATH PARAMETERS

|                      |        |
|----------------------|--------|
| venueId<br>required  | string |
| switchId<br>required | string |

REQUEST BODY SCHEMA: application/json required

Array [  
  string  
]

### Responses

|                             |
|-----------------------------|
| > 200 OK                    |
| > 400 Bad/malformed request |
| > 401 Unauthorized          |

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

**DELETE** /venues/{venueId}/switches/{switchId}/lags

Request samples

Payload

Content type  
application/json

Copy

```
[
  "string"
]
```

Response samples

200

400

401

403

404

422

500

Content type  
application/json

Copy Expand all Collapse all

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

Profile

Manage switch profiles.

Associate Switch Profile to Venue

Associate a switch profile to a venue.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

|                             |        |
|-----------------------------|--------|
| venueId<br>required         | string |
| switchProfileId<br>required | string |

Responses

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

PUT /venues/{venueId}/switchProfiles/{switchProfileId} ▾

Response samples

202 400 401 403 404 422 500

Content type  
application/json ▾

Copy Expand all Collapse all

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

Disassociate Switch Profile to Venue

Disassociate a switch profile to a venue.

|                             |         |
|-----------------------------|---------|
| AUTHORIZATIONS: >           | jwtAuth |
| PATH PARAMETERS             |         |
| venueId<br>required         | string  |
| switchProfileId<br>required | string  |

Responses

- > 202 Accepted
- > 400 Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

**DELETE** /venues/{venueId}/switchProfiles/{switchProfileId} 

### Response samples

202

400

401

403

404

422

500

#### Content type

application/json 

Copy Expand all Collapse all

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

## Get Switch Profile

Get a regular switch profile or command-line interface profile.

AUTHORIZATIONS: > `jwtAuth`

#### PATH PARAMETERS

— `switchProfileId`   
 `required` `string`

### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error



GET /switchProfiles/{switchProfileId}

## Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "name": "string",
  "description": "string",
  - "acls": [
    + { ... }
  ],
  - "vlans": [
    + { ... }
  ],
  - "voiceVlanConfigs": [
    + { ... }
  ],
  - "trustedPorts": [
    + { ... }
  ],
  "profileType": "Regular",
  - "venueCliTemplate": {
    "id": "string",
    "name": "string",
    "cli": "string",
    "switchModels": "string",
    + "variables": [ ... ],
    "overwrite": true
  },
  - "venues": [
    "string"
  ],
  "venueCount": 0,
  "templateId": "string",
  "templateVersion": 0,
  "applyOnboardOnly": true
}
```

## Update Switch Profile

Update a regular switch profile or command-line interface profile. Use activity API with request id to get the status update.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

— switchProfileId  
required string

REQUEST BODY SCHEMA: application/json

required

|                       |                                                                     |
|-----------------------|---------------------------------------------------------------------|
| name                  | string <sup>^.{1,64}\$</sup>                                        |
| description           | string                                                              |
| venues                | Array of strings                                                    |
| id                    | string                                                              |
| acls >                | Array of objects (AclBo) <sup>unique</sup>                          |
| profileType           | string<br>Enum: "Regular" "CLI"                                     |
| vlangs >              | Array of objects (VlanBo) <sup>unique</sup>                         |
| voiceVlanConfigs >    | Array of objects (VoiceVlanConfigBo) <sup>unique</sup>              |
| trustedPorts >        | Array of objects (TrustedPortBo) <sup>unique</sup>                  |
| venueCliTemplate >    | object (AcxVenueCliTemplateBo)                                      |
| isTemplate            | boolean                                                             |
| templateId            | string                                                              |
| templateVersion       | integer <int64>                                                     |
| applyOnboardOnly      | boolean                                                             |
| portProfileMappings > | Array of objects (PortProfileAndProfileMappingBo) <sup>unique</sup> |

## Responses

> **200** OK

> **202** Accepted

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

**PUT** /switchProfiles/{switchProfileId} 

## Request samples

Payload

Content type

application/json



Copy Expand all Collapse all

```
{
  "name": "string",
  "description": "string",
  - "venues": [
    "string"
  ],
  "id": "string",
  - "acls": [
    + { ... }
  ],
  "profileType": "Regular",
  - "vlans": [
    + { ... }
  ],
  - "voiceVlanConfigs": [
    + { ... }
  ],
  - "trustedPorts": [
    + { ... }
  ],
  - "venueCliTemplate": {
    "id": "string",
    "name": "string",
    "cli": "string",
    "switchModels": "string",
    + "variables": [ ... ],
    "overwrite": true,
    + "customizedSerialSet": [ ... ]
  },
  "isTemplate": true,
  "templateId": "string",
  "templateVersion": 0,
  "applyOnboardOnly": true,
  - "portProfileMappings": [
    + { ... }
  ]
}
```

## Response samples

200

202

400

401

403

404

422

500

Content type

application/json



Copy Expand all Collapse all

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

# Delete Switch Profile

Delete a regular switch profile or command-line interface profile.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

switchProfileId  
required string

## Responses

- > 200 OK
- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Unauthorized
- > 403 Forbidden
- > 404 Requested resource or related entity not found
- > 422 Validation error
- > 500 Internal Server Error

DELETE /switchProfiles/{switchProfileId}

## Response samples

200

202

400

401

403

404

422

500

Content type  
application/json

Copy Expand all Collapse all

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

# Add Switch Profile

Add a regular switch profile or command-line interface profile. Use activity API with request id to get the status update.

AUTHORIZATIONS: > jwtAuth

REQUEST BODY SCHEMA: application/json  
required

|                       |                                                                     |
|-----------------------|---------------------------------------------------------------------|
| name                  | string <sup>^.{1,64}\$</sup>                                        |
| description           | string                                                              |
| venues                | Array of strings                                                    |
| id                    | string                                                              |
| acls >                | Array of objects (AclBo) <sup>unique</sup>                          |
| profileType           | string<br>Enum: "Regular" "CLI"                                     |
| vlangs >              | Array of objects (VlanBo) <sup>unique</sup>                         |
| voiceVlanConfigs >    | Array of objects (VoiceVlanConfigBo) <sup>unique</sup>              |
| trustedPorts >        | Array of objects (TrustedPortBo) <sup>unique</sup>                  |
| venueCliTemplate >    | object (AcxVenueCliTemplateBo)                                      |
| isTemplate            | boolean                                                             |
| templateId            | string                                                              |
| templateVersion       | integer <int64>                                                     |
| applyOnboardOnly      | boolean                                                             |
| portProfileMappings > | Array of objects (PortProfileAndProfileMappingBo) <sup>unique</sup> |

## Responses

> **200** OK

> **202** Accepted

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

**POST** /switchProfiles



## Request samples

Payload

**Content type**

application/json

[Copy](#) [Expand all](#) [Collapse all](#)

```
{
  "name": "string",
  "description": "string",
  - "venues": [
    "string"
  ],
  "id": "string",
  - "acls": [
    + { ... }
  ],
  "profileType": "Regular",
  - "vlans": [
    + { ... }
  ],
  - "voiceVlanConfigs": [
    + { ... }
  ],
  - "trustedPorts": [
    + { ... }
  ],
  - "venueCliTemplate": {
    "id": "string",
    "name": "string",
    "cli": "string",
    "switchModels": "string",
    + "variables": [ ... ],
    "overwrite": true,
    + "customizedSerialSet": [ ... ]
  },
  "isTemplate": true,
  "templateId": "string",
  "templateVersion": 0,
  "applyOnboardOnly": true,
  - "portProfileMappings": [
    + { ... }
  ]
}
```

**Response samples****200**

202

400

401

403

404

422

500

**Content type**

application/json

[Copy](#) [Expand all](#) [Collapse all](#)

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

# Query Switch Profiles

List the regular switch profiles or command-line interface profiles.

AUTHORIZATIONS: >      jwtAuth

REQUEST BODY SCHEMA:   application/json   ▾  
required

|                    |                              |
|--------------------|------------------------------|
| fields             | Array of strings             |
| page               | integer <int32>              |
| pageSize           | integer <int32>              |
| sortField          | string                       |
| sortOrder          | string<br>Enum: "ASC" "DESC" |
| filterType         | string<br>Deprecated         |
| filters >          | object                       |
| searchString       | string                       |
| searchTargetFields | Array of strings             |

## Responses

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

POST /switchProfiles/query ▾

### Request samples

Payload

Content type  
application/json ▾

Copy   Expand all   Collapse all

```
{
  - "fields": [
    "string"
  ],
  "page": 0,
  "pageSize": 0,
  "sortField": "string",
  "sortOrder": "ASC",
  "filterType": "string",
  - "filters": {
    + "property1": [ ... ],
    + "property2": [ ... ]
  },
  "searchString": "string",
  - "searchTargetFields": [
    "string"
  ]
}
```

## Response samples

200

400

401

403

404

422

500

### Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  - "data": [
    { }
  ],
  - "fields": [
    "string"
  ],
  "page": 0,
  "totalCount": 0,
  "totalPages": 0
}
```

## Get Switch Profiles

Get regular switch profiles or command-line interface profiles of the venue.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

→ venueId  
required string

## Responses



> **200** OK

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

GET /venues/{venueId}/switchProfiles

### Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "id": "string",
  "name": "string",
  "description": "string",
  - "acls": [
    + { ... }
  ],
  - "vlans": [
    + { ... }
  ],
  - "voiceVlanConfigs": [
    + { ... }
  ],
  - "trustedPorts": [
    + { ... }
  ],
  "profileType": "Regular",
  - "venueCliTemplate": {
    "id": "string",
    "name": "string",
    "cli": "string",
    "switchModels": "string",
    + "variables": [ ... ],
    "overwrite": true
  },
  - "venues": [
    "string"
  ],
  "venueCount": 0,
  "templateId": "string",
  "templateVersion": 0,
  "applyOnboardOnly": true
}
```

# Profile Template

Manage switch profile templates.

## Associate Switch Profile Template

Associate a regular switch profile template or command-line interface profile template to venue template.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

venueId  
required string

switchProfileId  
required string

### Responses

> 202 Accepted

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related entity not found

> 422 Validation error

> 500 Internal Server Error

PUT /templates/venues/{venueId}/switchProfiles/{switchProfileId}

### Response samples

202

400

401

403

404

422

500

Content type

application/json

Copy Expand all Collapse all

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

## Disassociate Switch Profile Template

Disassociate a regular switch profile template or command-line interface profile template to venue template.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

|                             |        |
|-----------------------------|--------|
| venueId<br>required         | string |
| switchProfileId<br>required | string |

Responses

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

DELETE /templates/venues/{venueId}/switchProfiles/{switchProfileId}

Response samples

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

Content type  
application/json

Copy Expand all Collapse all

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

Get Switch Profile Template

Get a regular switch profile template or command-line interface profile template.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

|                             |        |
|-----------------------------|--------|
| switchProfileId<br>required | string |
|-----------------------------|--------|

## Responses

> **200** OK

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

GET /templates/switchProfiles/{switchProfileId}

### Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "id": "string",
  "name": "string",
  "description": "string",
  - "acls": [
    + { ... }
  ],
  "profileType": "Regular",
  - "vlans": [
    + { ... }
  ],
  - "voiceVlanConfigs": [
    + { ... }
  ],
  - "trustedPorts": [
    + { ... }
  ],
  - "venueCliTemplate": {
    "id": "string",
    "name": "string",
    "cli": "string",
    "switchModels": "string",
    + "variables": [ ... ],
    "overwrite": true
  },
  - "venues": [
    "string"
  ],
  "venueCount": 0,
  "templateId": "string",
```

```
"templateVersion": 0,  
"applyOnboardOnly": true  
}
```

## Update Switch Profile Template

Update a regular switch profile template or command-line interface profile template. Use activity API with request id to get the status update.

AUTHORIZATIONS: >      jwtAuth

PATH PARAMETERS

→ switchProfileId  
required      string

REQUEST BODY SCHEMA:   application/json   ▾  
required

→ id      string

→ name      string

→ description      string

→ acls >      Array of objects (ProfileAclViewV1001)      unique

→ profileType      string  
Enum: "Regular" "CLI"

→ vlans >      Array of objects (ProfileVlanViewV1001)      unique

→ voiceVlanConfigs >      Array of objects (VoiceVlanConfigViewV1001)      unique

→ trustedPorts >      Array of objects (TrustedPortViewV1001)      unique

→ venueCliTemplate >      object (AcxVenueCliTemplateViewV1001)

→ applyOnboardOnly      boolean

## Responses

> 200 OK

> 202 Accepted

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related entity not found

> 422 Validation error

> 500 Internal Server Error

PUT /templates/switchProfiles/{switchProfileId}

### Request samples

#### Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "name": "string",
  "description": "string",
  - "acls": [
    + { ... }
  ],
  "profileType": "Regular",
  - "vlans": [
    + { ... }
  ],
  - "voiceVlanConfigs": [
    + { ... }
  ],
  - "trustedPorts": [
    + { ... }
  ],
  - "venueCliTemplate": {
    "id": "string",
    "name": "string",
    "cli": "string",
    "switchModels": "string",
    + "variables": [ ... ],
    "overwrite": true
  },
  "applyOnboardOnly": true
}
```

### Response samples

200

202

400

401

403

404

422

500

Content type

application/vnd.ruckus.v1+json

Copy Expand all Collapse all

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

Delete Switch Profile Template

Delete a regular switch profile template or command-line interface profile template.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

switchProfileId  
required string

Responses

> 200 OK

> 202 Accepted

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related entity not found

> 422 Validation error

> 500 Internal Server Error

DELETE /templates/switchProfiles/{switchProfileId}

Response samples

200

202

400

401

403

404

422

500

Content type

application/vnd.ruckus.v1+json

Copy Expand all Collapse all

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

Add Switch Profile Template

Add a regular switch profile template or command-line interface profile template. Use activity API with request id to get the status update.

AUTHORIZATIONS: > jwtAuth

REQUEST BODY SCHEMA: application/json  
required

id string

|                    |                                                                 |
|--------------------|-----------------------------------------------------------------|
| name               | string                                                          |
| description        | string                                                          |
| acls >             | Array of objects (ProfileAclViewV1001) <span>unique</span>      |
| profileType        | string<br>Enum: "Regular" "CLI"                                 |
| vlan >             | Array of objects (ProfileVlanViewV1001) <span>unique</span>     |
| voiceVlanConfigs > | Array of objects (VoiceVlanConfigViewV1001) <span>unique</span> |
| trustedPorts >     | Array of objects (TrustedPortViewV1001) <span>unique</span>     |
| venueCliTemplate > | object (AcxVenueCliTemplateViewV1001)                           |
| applyOnboardOnly   | boolean                                                         |

Responses

- > 200 OK
- > 202 Accepted
- > 400 Bad/malformed request
- > 401 Unauthorized
- > 403 Forbidden
- > 404 Requested resource or related entity not found
- > 422 Validation error
- > 500 Internal Server Error

POST /templates/switchProfiles

Request samples

Payload

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "id": "string",
  "name": "string",
  "description": "string",
  "acls": [
    + { ... }
  ],
  "profileType": "Regular",
```



```
- "vlangs": [
  + { ... }
],
- "voiceVlanConfigs": [
  + { ... }
],
- "trustedPorts": [
  + { ... }
],
- "venueCliTemplate": {
  "id": "string",
  "name": "string",
  "cli": "string",
  "switchModels": "string",
  + "variables": [ ... ],
  "overwrite": true
},
"applyOnboardOnly": true
}
```

## Response samples

200

202

400

401

403

404

422

500

### Content type

application/vnd.ruckus.v1+json

Copy

Expand all

Collapse all

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

## Query Switch Profile Templates

List the regular switch profile templates or command-line interface profile templates.

AUTHORIZATIONS: > jwtAuth

REQUEST BODY SCHEMA: application/json   
required

|                                                                                                |                                                                                               |
|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
|  fields     | Array of strings                                                                              |
|  page       | integer <int32>                                                                               |
|  pageSize   | integer <int32>                                                                               |
|  sortField  | string                                                                                        |
|  sortOrder  | string<br>Enum: "ASC" "DESC"                                                                  |
|  filterType | string<br> |

|                    |                  |
|--------------------|------------------|
| filters >          | object           |
| searchString       | string           |
| searchTargetFields | Array of strings |

## Responses

> **200** OK

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

**POST** /templates/switchProfiles/query

### Request samples

#### Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "fields": [
    "string"
  ],
  "page": 0,
  "pageSize": 0,
  "sortField": "string",
  "sortOrder": "ASC",
  "filterType": "string",
  "filters": {
    "property1": [ ... ],
    "property2": [ ... ]
  },
  "searchString": "string",
  "searchTargetFields": [
    "string"
  ]
}
```

### Response samples

**200**

**400**

**401**

**403**

**404**

**422**

**500**

Content type  
application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "data": [
    { }
  ],
  "fields": [
    "string"
  ],
  "page": 0,
  "totalCount": 0,
  "totalPages": 0
}
```

## Get Switch Profile Templates

Get regular switch profile templates or command-line interface profile templates of the venue.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

venueId  
required string

### Responses

> 200 OK

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related entity not found

> 422 Validation error

> 500 Internal Server Error

GET /templates/venues/{venueId}/switchProfiles

### Response samples

200

400

401

403

404

422

500

Content type  
application/json

Copy Expand all Collapse all

```
[
  - {
    "id": "string",
    "name": "string",
    "description": "string",
    + "acls": [ ... ],
    "profileType": "Regular",
    + "vlans": [ ... ],
    + "voiceVlanConfigs": [ ... ],
    + "trustedPorts": [ ... ],
    + "venueCliTemplate": { ... },
    + "venues": [ ... ],
    "venueCount": 0,
    "templateId": "string",
    "templateVersion": 0,
    "applyOnboardOnly": true
  }
]
```

## Profile VLAN

Manage VLANs (virtual local area networks) of switch profile.

### Add VLAN

Create a VLAN of the switch profile.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

→ switchProfileId string  
required

REQUEST BODY SCHEMA: application/json  
required

|                               |                                                                                                      |
|-------------------------------|------------------------------------------------------------------------------------------------------|
| id                            | string                                                                                               |
| vlanId<br>required            | integer <int32> [1 .. 4095]                                                                          |
| vlanName                      | string                                                                                               |
| rootBridgeFamilyId            | string<br>Enum: " __ NULL " "ICX7150" "ICX7250" "ICX7650" "ICX7850" "ICX7550"<br>"ICX8200" "ICX8100" |
| ipv4DhcpSnooping              | boolean                                                                                              |
| ipv4DhcpSnoopingTrustPort     | string                                                                                               |
| ipv4DhcpSnoopingTrustPortList | Array of strings                                                                                     |
| arpInspection                 | boolean                                                                                              |
| arpInspectionTrustPort        | string                                                                                               |
| arpInspectionTrustPortList    | Array of strings                                                                                     |
| arpTrustPortsList             | Array of strings                                                                                     |

|                                 |                                                 |
|---------------------------------|-------------------------------------------------|
| dhcpTrustPortsList              | Array of strings                                |
| igmpSnooping                    | string<br>Enum: "active" "passive" "none"       |
| multicastVersion                | integer <int32> [0..3]                          |
| spanningTreeProtocol            | string<br>Enum: "rstp" "stp" "none"             |
| spanningTreePriority            | integer <int32> [0..65535]                      |
| switchFamilyModels >            | Array of objects (SwitchFamilyModelBo) unique   |
| managementVlan                  | boolean                                         |
| switchVlanPortModels >          | Array of objects (SwitchVlanPortModelBo) unique |
| switchId                        | string                                          |
| enableAsDefaultVlan<br>required | boolean                                         |
| deleteVlanEnabled               | boolean                                         |
| dummyVlan                       | boolean                                         |
| switchVlanPortModel >           | object (SwitchVlanPortModelBo)                  |
| rapidSpanningTreeProtocol       | boolean                                         |
| taggedPortsList                 | Array of strings                                |
| untaggedPortsList               | Array of strings                                |
| notDummyVlan                    | boolean                                         |
| defaultVlan                     | boolean                                         |
| igmpSnoopingTypeChanged         | boolean                                         |

## Responses

> **200** OK

> **201** Created

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

POST /switchProfiles/{switchProfileId}/vlans

## Request samples

### Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "vlanId": 1,
  "vlanName": "string",
  "rootBridgeFamilyId": "__NULL",
  "ipv4DhcpSnooping": true,
  "ipv4DhcpSnoopingTrustPort": "string",
  "ipv4DhcpSnoopingTrustPortList": [
    "string"
  ],
  "arpInspection": true,
  "arpInspectionTrustPort": "string",
  "arpInspectionTrustPortList": [
    "string"
  ],
  "arpTrustPortsList": [
    "string"
  ],
  "dhcpTrustPortsList": [
    "string"
  ],
  "igmpSnooping": "active",
  "multicastVersion": 3,
  "spanningTreeProtocol": "rstp",
  "spanningTreePriority": 65535,
  "switchFamilyModels": [
    + { ... }
  ],
  "managementVlan": true,
  "switchVlanPortModels": [
    + { ... }
  ],
  "switchId": "string",
  "enableAsDefaultVlan": true,
  "deleteVlanEnabled": true,
  "dummyVlan": true,
  "switchVlanPortModel": {
    "id": "string",
    "switchModel": "ICX7150-24",
    "taggedPorts": "string",
    "untaggedPorts": "string",
    "voicePorts": "string",
    + "taggedPortsList": [ ... ],
    + "untaggedPortsList": [ ... ],
    + "voicePortsList": [ ... ]
  },
}
```

```
    "rapidSpanningTreeProtocol": true,
  - "taggedPortsList": [
    "string"
  ],
  - "untaggedPortsList": [
    "string"
  ],
  "notDummyVlan": true,
  "defaultVlan": true,
  "igmpSnoopingTypeChanged": true
}
```

## Response samples

200

201

400

401

403

404

422

500

### Content type

application/json

Copy

Expand all

Collapse all

```
{
  "id": "string",
  "vlanId": 0,
  "vlanName": "string",
  "rootBridgeFamilyId": "__NULL",
  "ipv4DhcpSnooping": true,
  "ipv4DhcpSnoopingTrustPort": "string",
  "arpInspection": true,
  "arpInspectionTrustPort": "string",
  "igmpSnooping": "active",
  "multicastVersion": 0,
  "spanningTreeProtocol": "rstp",
  "spanningTreePriority": 0,
  - "switchFamilyModels": [
    + { ... }
  ]
}
```

## Retrieve VLANs

List all usable VLANs for multiple ports of the same switch.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

|                      |        |
|----------------------|--------|
| venueId<br>required  | string |
| switchId<br>required | string |

Responses

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

GET /venues/{venueId}/switches/{switchId}/vlanUnions

Response samples

200400401403404422500

Content type

application/json

CopyExpand allCollapse all

```
{
  - "switchDefaultVlan": [
    + { ... }
  ],
  - "profileVlan": [
    + { ... }
  ],
  - "switchVlan": [
    + { ... }
  ]
}
```

Get VLANs

Get a list of VLANs in profiles with the specified venue.

|                 |   |         |
|-----------------|---|---------|
| AUTHORIZATIONS: | > | jwtAuth |
| PATH PARAMETERS |   |         |
| venueId         |   | string  |
| required        |   |         |

Responses

- > 200 OK



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

GET /venues/{venueId}/switchProfiles/vlans

#### Response samples

200

400

401

403

404

422

500

#### Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "vlanId": 0,
  "vlanName": "string",
  "rootBridgeFamilyId": "__NULL",
  "ipv4DhcpSnooping": true,
  "ipv4DhcpSnoopingTrustPort": "string",
  "arpInspection": true,
  "arpInspectionTrustPort": "string",
  "igmpSnooping": "active",
  "multicastVersion": 0,
  "spanningTreeProtocol": "rstp",
  "spanningTreePriority": 0,
  "switchFamilyModels": [
    + { ... }
  ]
}
```

## Switch Access Control List

Manage ACLs (access control lists).

### Query Switch ACLs

Get switch ACLs by query criteria.

AUTHORIZATIONS: > jwtAuth

#### PATH PARAMETERS

|                      |        |
|----------------------|--------|
| venueId<br>required  | string |
| switchId<br>required | string |

REQUEST BODY SCHEMA: application/json

required

|           |                  |
|-----------|------------------|
| fields    | Array of strings |
| page      | integer <int32>  |
| pageSize  | integer <int32>  |
| sortField | string           |
| sortOrder | string           |

Enum: "ASC" "DESC"

### Responses

> 200 OK

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related entity not found

> 422 Validation error

> 500 Internal Server Error

POST /venues/{venueId}/switches/{switchId}/acls/query

### Request samples

Payload

Content type  
application/json

Copy Expand all Collapse all

```
{
  "fields": [
    "string"
  ],
  "page": 0,
  "pageSize": 0,
  "sortField": "string",
  "sortOrder": "ASC"
}
```

### Response samples

200

400

401

403

404

422

500

Content type  
application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "data": [
    {}
  ],
  "fields": [
    "string"
  ],
  "page": 0,
  "totalCount": 0,
  "totalPages": 0
}
```

## Get Switch ACLs

Get all ACLs of the switch.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

|                      |        |
|----------------------|--------|
| venueId<br>required  | string |
| switchId<br>required | string |

## Responses

> 200 OK

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related entity not found

> 422 Validation error

> 500 Internal Server Error

GET /venues/{venueId}/switches/{switchId}/acIs

## Response samples

200

400

401

403

404

422

500

Content type  
application/json

CopyExpand allCollapse all

```
[
  - {
    "id": "string",
    "name": "string",
    "aclType": "standard",
    + "aclRules": [ ... ]
  }
]
```

## Get ACL Unions

List all usable ACLs for this switch (the union of venue and device levels).

|                      |         |
|----------------------|---------|
| AUTHORIZATIONS: >    | jwtAuth |
| PATH PARAMETERS      |         |
| venueId<br>required  | string  |
| switchId<br>required | string  |

### Responses

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

GET /venues/{venueId}/switches/{switchId}/aclUnions

Response samples

200400401403404422500

Content type  
application/json

CopyExpand allCollapse all

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

```
- "switchAcl": [  
  "string"  
]  
}
```

## Switch Configuration Backup

Manage configuration backups.

### Get Switch Configuration Backups

List of switch's configuration backup.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

|                      |        |
|----------------------|--------|
| venueId<br>required  | string |
| switchId<br>required | string |

### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

GET /venues/{venueId}/switches/{switchId}/configBackups

### Response samples

200

400

401

403

404

422

500

Content type  
application/json

Copy Expand all Collapse all

```
[  
  {  
    "id": "string",  
    "createdDate": "2019-08-24T14:15:22Z",  
    "name": "string",  
    "backupId": "string",  
    "switchId": "string"
```

```
    switchId : string ,
    "backupType": "string",
    "config": "string",
    "status": "string",
    "restoreStatus": "string",
    "restoreTimestamp": "string",
    "failureReason": "string"
  }
}
```

## Add Switch Configuration Backup

Create a switch's configuration backup.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

|                      |        |
|----------------------|--------|
| venueId<br>required  | string |
| switchId<br>required | string |

REQUEST BODY SCHEMA: application/json   
required

|      |                                         |
|------|-----------------------------------------|
| name | string <code>^(?:{?!").){1,64}\$</code> |
|------|-----------------------------------------|

### Responses

> **202** Accepted

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

**POST** /venues/{venueId}/switches/{switchId}/configBackups 

### Request samples

Payload

Content type  
application/json 

Copy

{

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

## Response samples

202

400

401

403

404

422

500

Content type

application/json

Copy

Expand all

Collapse all

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

## Delete Switch Configuration Backups

Delete switch's configuration backups.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

|                      |        |
|----------------------|--------|
| venueId<br>required  | string |
| switchId<br>required | string |

REQUEST BODY SCHEMA: application/json   
required

```
Array [
  string
]
```

## Responses

> 200 OK

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related entity not found

> 422 Validation error

> 500 Internal Server Error

DELETE

/venues/{venueId}/switches/{switchId}/configBackups

▼

Request samples

Payload

Content type  
application/json

Copy

```
[
  "string"
]
```

Response samples

200

400

401

403

404

422

500

Content type  
application/json

Copy Expand all Collapse all

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

Retrieve Switch Configuration Backups

Query the switch's configuration backups.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

|                      |        |
|----------------------|--------|
| venueId<br>required  | string |
| switchId<br>required | string |

REQUEST BODY SCHEMA: application/json required

|           |                              |
|-----------|------------------------------|
| fields    | Array of strings             |
| page      | integer <int32>              |
| pageSize  | integer <int32>              |
| sortField | string                       |
| sortOrder | string<br>Enum: "ASC" "DESC" |



## Responses

> **200** OK

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

**POST** /venues/{venueId}/switches/{switchId}/configBackups/query

### Request samples

Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  - "fields": [
    "string"
  ],
  "page": 0,
  "pageSize": 0,
  "sortField": "string",
  "sortOrder": "ASC"
}
```

### Response samples

**200**

**400**

**401**

**403**

**404**

**422**

**500**

Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  - "data": [
    { }
  ],
  - "fields": [
    "string"
  ],
  "page": 0,
  "totalCount": 0,
  "totalPages": 0
}
```

# Compare Switch Configuration Backups

Compare switch's configuration backups.

AUTHORIZATIONS: > jwtAuth

## PATH PARAMETERS

|                      |        |
|----------------------|--------|
| venueId<br>required  | string |
| switchId<br>required | string |

REQUEST BODY SCHEMA: application/json ☐ required

|           |        |
|-----------|--------|
| backupId1 | string |
| backupId2 | string |

## Responses

> 200 OK

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related entity not found

> 422 Validation error

> 500 Internal Server Error

POST /venues/{venueId}/switches/{switchId}/configBackups/comparisons

## Request samples

Payload

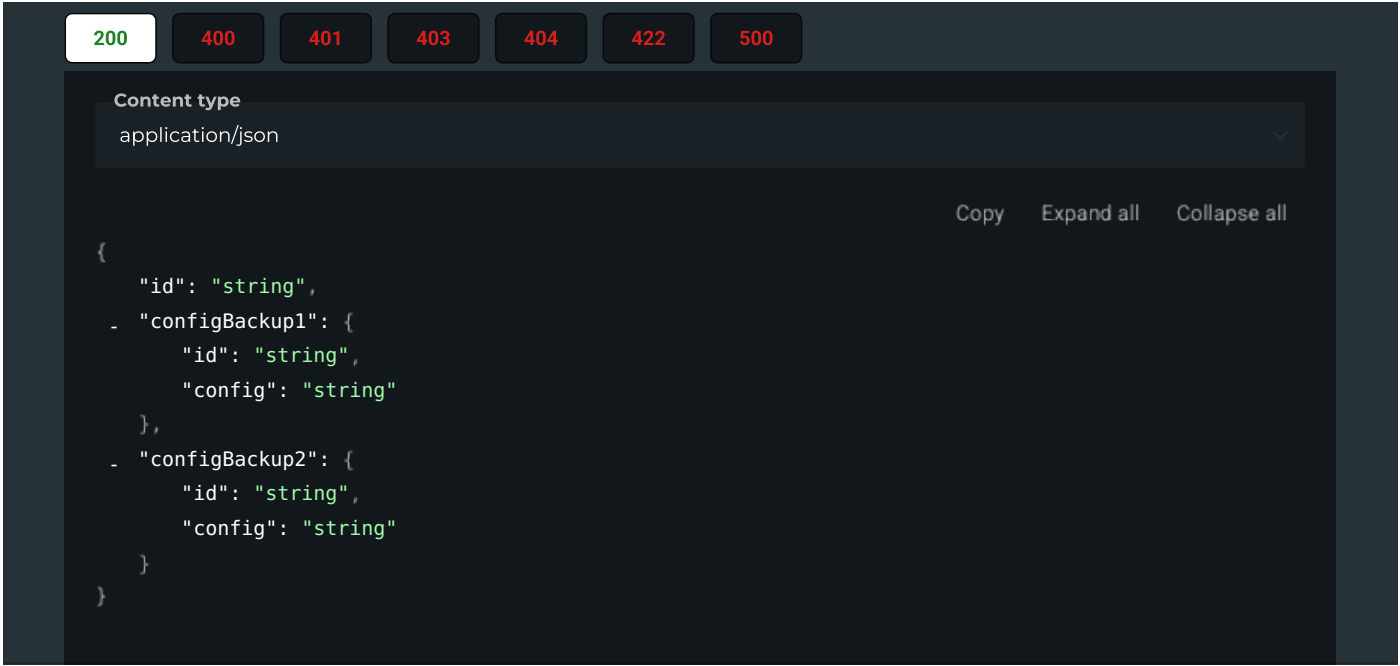
Content type

application/json

Copy

```
{
  "backupId1": "string",
  "backupId2": "string"
}
```

## Response samples



## Get Switch Configuration Backup

Get a switch's configuration backup.

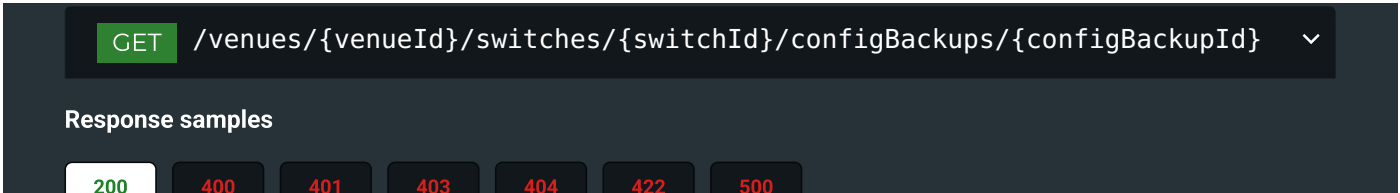
AUTHORIZATIONS: >      jwtAuth

PATH PARAMETERS

|                            |        |
|----------------------------|--------|
| venueId<br>required        | string |
| switchId<br>required       | string |
| configBackupId<br>required | string |

### Responses

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



Content type

application/json

Copy

```
{
  "id": "string",
  "createdDate": "2019-08-24T14:15:22Z",
  "name": "string",
  "backupId": "string",
  "switchId": "string",
  "backupType": "string",
  "config": "string",
  "status": "string",
  "restoreStatus": "string",
  "restoreTimestamp": "string",
  "failureReason": "string"
}
```

## Delete Switch Configuration Backup

Delete switch's configuration backup by id.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

|                            |        |
|----------------------------|--------|
| venueId<br>required        | string |
| switchId<br>required       | string |
| configBackupId<br>required | string |

### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

**DELETE** /venues/{venueId}/switches/{switchId}/configBackups/{configBackupI... ▾

### Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy

Expand all

Collapse all

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

## Restore Switch Configuration Backup

Restore switch's configuration backup.

AUTHORIZATIONS: &gt;

jwtAuth

PATH PARAMETERS

|                            |        |
|----------------------------|--------|
| venueId<br>required        | string |
| switchId<br>required       | string |
| configBackupId<br>required | string |

REQUEST BODY SCHEMA: application/json ▼  
required

|                    |                                                |
|--------------------|------------------------------------------------|
| configBackupAction | string                                         |
| Enum:              | <span>"restore"</span> <span>"download"</span> |

## Responses

&gt; 202 Accepted

&gt; 400 Bad/malformed request

&gt; 401 Unauthorized

&gt; 403 Forbidden

&gt; 404 Requested resource or related entity not found

&gt; 422 Validation error

&gt; 500 Internal Server Error

PATCH /venues/{venueId}/switches/{switchId}/configBackups/{configBackupI... ▼

## Request samples

Payload

Content type

application/json

Copy

```
{
  "configBackupAction": "restore"
}
```

Response samples

202

400

401

403

404

422

500

Content type

application/json

Copy Expand all Collapse all

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

## Switch Firmware Upgrade

Manage firmware upgrade.

### Change Upgrade Schedule

Schedule the firmware upgrade for venues. Use activity API with request id to get the status update.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

venueId

required

string

REQUEST BODY SCHEMA: application/json

required

id

string

date

string

time

string

versions >

Array of objects (ModelVersionViewV1001)

unique

switchIds

Array of strings

preDownload

boolean

## Responses

> **200** OK

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

PUT /venues/{venueId}/switchFirmwares/schedules

### Request samples

#### Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "date": "string",
  "time": "string",
  - "versions": [
    + { ... }
  ],
  - "switchIds": [
    "string"
  ],
  "preDownload": true
}
```

### Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy Expand all Collapse all

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

Create Upgrade Schedule

Schedule the firmware upgrade for venues. Use activity API with request id to get the status update.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

venueId  
required string

REQUEST BODY SCHEMA: application/json  
required

id string  
date string  
time string  
switchVersion string  
switchVersionAboveTen string  
switchIds Array of strings  
preDownload boolean

Responses

- > 201 Created
- > 400 Bad/malformed request
- > 401 Unauthorized
- > 403 Forbidden
- > 404 Requested resource or related entity not found
- > 422 Validation error
- > 500 Internal Server Error

POST /venues/{venueId}/switchFirmwares/schedules

Request samples

Payload

Content type  
application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "date": "string",
  "time": "string"
```



```
time : string ,
"switchVersion": "string",
"switchVersionAboveTen": "string",
- "switchIds": [
    "string"
],
"preDownload": true
}
```

## Response samples

201

400

401

403

404

422

500

Content type

application/json

Copy

Expand all

Collapse all

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

## Delete Upgrade Schedule

Cancel the schedule for firmware upgrade.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

venueId  
required string

REQUEST BODY SCHEMA: application/json  
required

id string

switchIds Array of strings

## Responses

> 200 OK

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related entity not found

> **422** Validation error

> **500** Internal Server Error

**DELETE** /venues/{venueId}/switchFirmwares/schedules

Request samples

Payload

Content type  
application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "switchIds": [
    "string"
  ]
}
```

Response samples

200

400

401

403

404

422

500

Content type  
application/json

Copy Expand all Collapse all

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

Get Switches

Get all switches by tenant id for upgrading.

AUTHORIZATIONS: > jwtAuth

REQUEST BODY SCHEMA: application/json  
required

|              |                  |
|--------------|------------------|
| searchFilter | string           |
| venueIdList  | Array of strings |

Responses

> **200** OK

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

POST /switchFirmwares/schedules/switches/query

### Request samples

#### Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "searchFilter": "string",
  - "venueIdList": [
    "string"
  ]
}
```

### Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy Expand all Collapse all

```
[
  - {
    "id": "string",
    "venueId": "string",
    "venueName": "string",
    "switchId": "string",
    "switchName": "string",
    "isStack": true,
    "model": "string",
    "currentFirmware": "string",
    + "availableVersion": { ... },
    + "switchNextSchedule": { ... },
    + "venueNextSchedule": { ... },
    "preDownload": true,
    "isSwitchLevelSchedule": true
  }
]
```

Get Venues

## GET VENUES

Get all venues by tenant id for upgrading.

AUTHORIZATIONS: > jwtAuth

REQUEST BODY SCHEMA: application/json

required

|                 |        |
|-----------------|--------|
| searchFilter    | string |
| firmwareVersion | string |

## Responses

> 200 OK

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related entity not found

> 422 Validation error

> 500 Internal Server Error

POST /switchFirmwares/schedules/query

### Request samples

Payload

Content type

application/json

Copy

```
{
  "searchFilter": "string",
  "firmwareVersion": "string"
}
```

### Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy

Expand all

Collapse all

```
[
  - {
    "id": "string",
```

```
    "venueId": "string",
    "venueName": "string",
+   "switchFirmwareVersion": { ... },
+   "switchFirmwareVersionAboveTen": { ... },
+   "availableVersions": [ ... ],
+   "nextSchedule": { ... },
    "lastScheduleUpdateTime": "2019-08-24T14:15:22Z",
    "preDownload": true,
    "switchCount": 0,
    "aboveTenSwitchCount": 0,
    "status": "NONE",
    "scheduleCount": 0
  }
}
```

## Get Versions

Get different version type of firmware.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

→ **versionType** required string

### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

**GET** /switchFirmwares/versions/{versionType} ▾

#### Response samples

**200**

**400**

**401**

**403**

**404**

**422**

**500**

Content type

application/json ▾

Copy Expand all Collapse all

```
[
  - {
    "venueId": "string",
    "venueName": "string",
+   "switchFirmwareVersion": { ... },
+   "switchFirmwareVersionAboveTen": { ... },
+   "availableVersions": [ ... ],
+   "nextSchedule": { ... },
    "lastScheduleUpdateTime": "2019-08-24T14:15:22Z",
    "preDownload": true,
    "switchCount": 0,
    "aboveTenSwitchCount": 0,
    "status": "NONE",
    "scheduleCount": 0
  }
]
```

```
    "id": "string",  
    "name": "string",  
    "category": "RECOMMENDED",  
    "createdDate": "2019-08-24T14:15:22Z"  
  }  
]
```

## Get Current Versions

Get current versions of the venues.

AUTHORIZATIONS: >

jwtAuth

### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

GET /switchFirmwares/currentVersions

### Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy

Expand all

Collapse all

```
{  
  "id": "string",  
  "currentVersions": [  
    "string"  
  ],  
  "currentVersionsAboveTen": [  
    "string"  
  ]  
}
```

## Switch Ports

Manage Ports.

Get Ports

Get switch's port settings by switch id.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

|                      |        |
|----------------------|--------|
| venueId<br>required  | string |
| switchId<br>required | string |

Responses

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

GET /venues/{venueId}/switches/{switchId}/portSettings

Response samples

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

Content type  
application/json

Copy Expand all Collapse all

```
[
  - {
    "id": "string",
    + "ports": [ ... ],
    "name": "string",
    "ignoreFields": "string",
    "revert": true,
    "portSpeed": "__NULL",
    "poeClass": "__NULL",
    "poeBudget": 0.1,
    "poePriority": 0,
    "poeEnable": true,
    "poeCapability": true,
    "portEnable": true,
    "portProtected": true,
    "dhcpSnoopingTrust": true,
    "arpInspectionTrust": true,
```

```
    "rstpAdminEdgePort": true,
    "stpBpduGuard": true,
    "stpRootGuard": true,
    "ipsg": true,
    "lldpEnable": true,
+   "lldpQos": [ ... ],
+   "taggedVlans": [ ... ],
    "untaggedVlan": "string",
    "voiceVlan": 0,
    "ingressAcl": "string",
    "egressAcl": "string",
    "vsixIngressAcl": "string",
    "vsixEgressAcl": "string",
    "tags": "string",
    "flexibleAuthenticationEnabled": true,
    "authenticationCustomize": true,
    "authenticationProfileId": "string",
    "authenticationType": "__NULL",
    "changeAuthOrder": true,
    "dot1xPortControl": "__NULL",
    "authDefaultVlan": 0,
    "restrictedVlan": 0,
    "criticalVlan": 0,
    "guestVlan": 0,
    "authFailAction": "__NULL",
    "authTimeoutAction": "__NULL",
    "shouldAlertAaaAndRadiusNotApply": true,
    "switchLevelAuthDefaultVlan": 0,
    "profileAuthDefaultVlan": 0,
+   "enableAuthPorts": [ ... ],
    "switchMac": "string",
    "profileName": "string",
    "switchPortProfileId": "string",
    "adminPtToPt": "AUTO",
    "portSecurity": true,
    "portSecurityMaxEntries": 0,
    "switchMacAcl": "string",
+   "poeScheduler": { ... }
  }
}
```



## Update Port

Update switch's port setting. Use activity API with request id to get the status update.

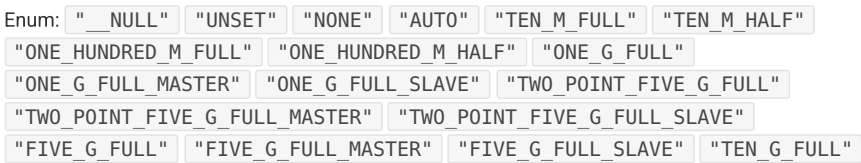
AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

|                      |        |
|----------------------|--------|
| venueId<br>required  | string |
| switchId<br>required | string |

REQUEST BODY SCHEMA: application/json   
required

|              |                                                                                                      |
|--------------|------------------------------------------------------------------------------------------------------|
| id           | string                                                                                               |
| ports        | Array of strings  |
| name         | string                                                                                               |
| ignoreFields | string                                                                                               |
| revert       | boolean                                                                                              |
| portSpeed    | string<br>Enum:  |

|          |                                                                                                                                                                                                                        |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          | <div> <div>TEN_G_FULL_MASTER</div> <div>TEN_G_FULL_SLAVE</div> <div>TWENTY_FIVE_G_FULL</div> <div>FORTY_G_FULL</div> <div>ONE_HUNDRED_G_FULL</div> <div>OPTIC</div> </div>                                             |
|          |                                                                                                                                                                                                                        |
| poeclass | <div>string</div> <div>Enum: <div>__NULL</div> <div>UNSET</div> <div>ZERO</div> <div>ONE</div> <div>TWO</div> <div>THREE</div> <div>FOUR</div> <div>FIVE</div> <div>SIX</div> <div>SEVEN</div> <div>EIGHT</div> </div> |

|                        |                                                                       |
|------------------------|-----------------------------------------------------------------------|
| authDefaultVlan        | integer <int32> [ 1 .. 4095 ]                                         |
| restrictedVlan         | integer <int32> [ 1 .. 4095 ]                                         |
| criticalVlan           | integer <int32> [ 1 .. 4095 ]                                         |
| guestVlan              | integer <int32> [ 1 .. 4095 ]                                         |
| authFailAction         | string<br>Enum: " __NULL " "block" "restricted_vlan"                  |
| authTimeoutAction      | string<br>Enum: " __NULL " "none" "failure" "success" "critical_vlan" |
| switchPortProfileId    | string                                                                |
| portSecurity           | boolean                                                               |
| portSecurityMaxEntries | integer <int32>                                                       |
| switchMacAcl           | string                                                                |
| poeScheduler >         | object (SchedulerViewV1000)                                           |

## Responses

> **200** OK

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

**PUT** /venues/{venueId}/switches/{switchId}/portSettings

## Request samples

Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "ports": [
    "string"
  ],
  "name": "string",
```

```
"ignoreFields": "string",
"revert": true,
"portSpeed": "__NULL",
"poeClass": "__NULL",
"poeBudget": 0.1,
"poePriority": 0,
"poeEnable": true,
"poeCapability": true,
"portEnable": true,
"portProtected": true,
"dhcpSnoopingTrust": true,
"arpInspectionTrust": true,
"rstpAdminEdgePort": true,
"adminPtToPt": "AUTO",
"stpBpduGuard": true,
"stpRootGuard": true,
"ipsg": true,
"lldpEnable": true,
- "lldpQos": [
  + { ... }
],
- "taggedVlans": [
  "string"
],
"untaggedVlan": "string",
"voiceVlan": 1,
"ingressAcl": "string",
"egressAcl": "string",
"tags": "string",
"flexibleAuthenticationEnabled": true,
"authenticationType": "__NULL",
"authenticationCustomize": true,
"authenticationProfileId": "string",
"changeAuthOrder": true,
"dot1xPortControl": "__NULL",
"authDefaultVlan": 1,
"restrictedVlan": 1,
"criticalVlan": 1,
"guestVlan": 1,
"authFailAction": "__NULL",
"authTimeoutAction": "__NULL",
"switchPortProfileId": "string",
"portSecurity": true,
"portSecurityMaxEntries": 0,
"switchMacAcl": "string",

- "poeScheduler": {
  "id": "string",
  "type": "NO_SCHEDULE",
  "mon": "string",
  "tue": "string",
  "wed": "string",
  "thu": "string",
```

```
"fri": "string",
```

```
"sat": "string",
```

```
"sun": "string"
```

## Response samples

200

400

401

403

404

422

500

### Content type

application/json



Copy

Expand all

Collapse all

```
{
```

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

```
- "response": {
  "id": "string",
  + "ports": [ ... ],
  "name": "string",
  "ignoreFields": "string",
  "revert": true,
  "portSpeed": " __NULL",
```

## Get Ports

Get switch's port settings with port ids.

AUTHORIZATIONS: >

PATH PARAMETERS

venueId  
required

switchId  
required

REQUEST BODY SCHEMA: application/json  
required

Array [  
 string  
]

## Responses

> 200 OK

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related entity not found

> 422 Validation error

> 500 Internal Server Error

POST /venues/{venueId}/switches/{switchId}/portSettings

## Request samples

Payload

Content type

application/json

Copy

```
[
  "string"
]
```

## Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy

Expand all

Collapse all

```
[
-  {
    "id": "string",
+   "ports": [ ... ],
    "name": "string",
    "ignoreFields": "string",
    "revert": true,
    "portSpeed": "__NULL",
    "poeClass": "__NULL",
    "poeBudget": 0.1,
    "poePriority": 0,
    "poeEnable": true,
    "poeCapability": true,
    "portEnable": true,
    "portProtected": true,
    "dhcpSnoopingTrust": true,
    "arpInspectionTrust": true,
    "rstpAdminEdgePort": true,
    "stpBpduGuard": true,
    "stpRootGuard": true,
    "ipsg": true,
    "lldpEnable": true,
+   "lldpQos": [ ... ],
+   "taggedVlans": [ ... ],
    "untaggedVlan": "string",
    "voiceVlan": 0,
    "ingressAcl": "string",
    "egressAcl": "string",
    "vsixIngressAcl": "string",
    "vsixEgressAcl": "string",
    "tags": "string",
    "flexibleAuthenticationEnabled": true,
    "authenticationCustomize": true,
    "authenticationProfileId": "string",
    "authenticationType": "__NULL",
    "changeAuthOrder": true,
    "dot1xPortControl": "__NULL",
    "authDefaultVlan": 0,
    "restrictedVlan": 0,
    "criticalVlan": 0,
  }
```

```

    "guestVlan": 0,
    "authFailAction": "__NULL",
    "authTimeoutAction": "__NULL",
    "shouldAlertAaaAndRadiusNotApply": true,
    "switchLevelAuthDefaultVlan": 0,
    "profileAuthDefaultVlan": 0,
+   "enableAuthPorts": [ ... ],
    "switchMac": "string",
    "profileName": "string",
    "switchPortProfileId": "string",
    "adminPtToPt": "AUTO",
    "portSecurity": true,
    "portSecurityMaxEntries": 0,
    "switchMacAcl": "string",
+   "poeScheduler": { ... }
  }
}
]

```

## Update Ports

Update ports of different switches. Use activity API with request id to get the status update.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

→ venueId  
required string

REQUEST BODY SCHEMA: application/json  
required

Array [

→ id string

→ ports Array of strings unique

→ name string

→ ignoreFields string

→ revert boolean

→ portSpeed string  
Enum: " \_\_NULL " "UNSET" "NONE" "AUTO" "TEN\_M\_FULL" "TEN\_M\_HALF" "ONE\_HUNDRED\_M\_FULL" "ONE\_HUNDRED\_M\_HALF" "ONE\_G\_FULL" "ONE\_G\_FULL\_MASTER" "ONE\_G\_FULL\_SLAVE" "TWO\_POINT\_FIVE\_G\_FULL" "TWO\_POINT\_FIVE\_G\_FULL\_MASTER" "TWO\_POINT\_FIVE\_G\_FULL\_SLAVE" "FIVE\_G\_FULL" "FIVE\_G\_FULL\_MASTER" "FIVE\_G\_FULL\_SLAVE" "TEN\_G\_FULL" "TEN\_G\_FULL\_MASTER" "TEN\_G\_FULL\_SLAVE" "TWENTY\_FIVE\_G\_FULL" "FORTY\_G\_FULL" "ONE\_HUNDRED\_G\_FULL" "OPTIC"

→ poeClass string  
Enum: " \_\_NULL " "UNSET" "ZERO" "ONE" "TWO" "THREE" "FOUR" "FIVE"



|                               |                                                                            |
|-------------------------------|----------------------------------------------------------------------------|
|                               | "SIX" "SEVEN" "EIGHT"                                                      |
|                               |                                                                            |
| poebudget                     | number <float>                                                             |
|                               |                                                                            |
| poePriority                   | integer <int32>                                                            |
|                               |                                                                            |
| poeEnable                     | boolean                                                                    |
|                               |                                                                            |
| poeCapability                 | boolean                                                                    |
|                               |                                                                            |
| portEnable                    | boolean                                                                    |
|                               |                                                                            |
| portProtected                 | boolean                                                                    |
|                               |                                                                            |
| dhcpSnoopingTrust             | boolean                                                                    |
|                               |                                                                            |
| arpInspectionTrust            | boolean                                                                    |
|                               |                                                                            |
| rstpAdminEdgePort             | boolean                                                                    |
|                               |                                                                            |
| adminPtToPt                   | string<br>Enum: "AUTO" "DISABLE" "ENABLE"                                  |
|                               |                                                                            |
| stpBpduGuard                  | boolean                                                                    |
|                               |                                                                            |
| stpRootGuard                  | boolean                                                                    |
|                               |                                                                            |
| ipsG                          | boolean                                                                    |
|                               |                                                                            |
| lldpEnable                    | boolean                                                                    |
|                               |                                                                            |
| lldpQos >                     | Array of objects (LldpQosViewV1001) unique                                 |
|                               |                                                                            |
| taggedVlans                   | Array of strings unique                                                    |
|                               |                                                                            |
| untaggedVlan                  | string                                                                     |
|                               |                                                                            |
| voiceVlan                     | integer <int32> [ 1 .. 4095 ]                                              |
|                               |                                                                            |
| ingressAcl                    | string                                                                     |
|                               |                                                                            |
| egressAcl                     | string                                                                     |
|                               |                                                                            |
| tags                          | string                                                                     |
|                               |                                                                            |
| flexibleAuthenticationEnabled | boolean                                                                    |
|                               |                                                                            |
| authenticationType            | string<br>Enum: "__NULL" "802.1x" "macauth" "802.1x_and_macauth"           |
|                               |                                                                            |
| authenticationCustomize       | boolean                                                                    |
|                               |                                                                            |
| authenticationProfileId       | string                                                                     |
|                               |                                                                            |
| changeAuthOrder               | boolean                                                                    |
|                               |                                                                            |
| dot1xPortControl              | string<br>Enum: "__NULL" "auto" "force_authorized" "force_unauthorized" "" |
|                               |                                                                            |
| authDefaultVlan               | integer <int32> [ 1 .. 4095 ]                                              |
|                               |                                                                            |
| restrictedVlan                | integer <int32> [ 1 .. 4095 ]                                              |
|                               |                                                                            |

|                        |                                                                        |
|------------------------|------------------------------------------------------------------------|
| criticalVlan           | integer <int32> [ 1 .. 4095 ]                                          |
| guestVlan              | integer <int32> [ 1 .. 4095 ]                                          |
| authFailAction         | string<br>Enum: " __ NULL " "block" "restricted_vlan"                  |
| authTimeoutAction      | string<br>Enum: " __ NULL " "none" "failure" "success" "critical_vlan" |
| switchId<br>required   | string                                                                 |
| switchPortProfileId    | string                                                                 |
| portSecurity           | boolean                                                                |
| portSecurityMaxEntries | integer <int32>                                                        |
| switchMacAcl           | string                                                                 |
| poeScheduler >         | object (SchedulerViewV1000)                                            |
| ]                      |                                                                        |

## Responses

> **200** OK

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

**PUT** /venues/{venueId}/switches/portSettings

## Request samples

### Payload

Content type  
application/json

Copy Expand all Collapse all

```
[
  - {
    "id": "string",
    + "ports": [ ... ],
    "name": "string",
    "ignoreFields": "string",
    "revert": true,
```

```
"portSpeed": "__NULL",
"poeClass": "__NULL",
"poeBudget": 0.1,
"poePriority": 0,
"poeEnable": true,
"poeCapability": true,
"portEnable": true,
"portProtected": true,
"dhcpSnoopingTrust": true,
"arpInspectionTrust": true,
"rstpAdminEdgePort": true,
"adminPtToPt": "AUTO",
"stpBpduGuard": true,
"stpRootGuard": true,
"ipsg": true,
"lldpEnable": true,
+ "lldpQos": [ ... ],
+ "taggedVlans": [ ... ],
  "untaggedVlan": "string",
  "voiceVlan": 1,
  "ingressAcl": "string",
  "egressAcl": "string",
  "tags": "string",
  "flexibleAuthenticationEnabled": true,
  "authenticationType": "__NULL",
  "authenticationCustomize": true,
  "authenticationProfileId": "string",
  "changeAuthOrder": true,
  "dot1xPortControl": "__NULL",
  "authDefaultVlan": 1,
  "restrictedVlan": 1,
  "criticalVlan": 1,
  "guestVlan": 1,
  "authFailAction": "__NULL",
  "authTimeoutAction": "__NULL",
  "switchId": "string",
  "switchPortProfileId": "string",
  "portSecurity": true,
  "portSecurityMaxEntries": 0,
  "switchMacAcl": "string",
+ "poeScheduler": { ... }
}
```

Response samples

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

Content type

application/json



Copy   Expand all   Collapse all

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

```
- "response": {
  "id": "string",
+ "ports": [ ... ],
  "name": "string",
  "ignoreFields": "string",
  "revert": true,
  "portSpeed": "__NULL",
  "poeClass": "__NULL",
  "poeBudget": 0.1,
  "poePriority": 0,
  "poeEnable": true,
  "poeCapability": true,
  "portEnable": true,
  "portProtected": true,
  "dhcpSnoopingTrust": true,
  "arpInspectionTrust": true,
  "rstpAdminEdgePort": true,
  "stpBpduGuard": true,
  "stpRootGuard": true,
  "ipsg": true,
  "lldpEnable": true,
+ "lldpQos": [ ... ],
+ "taggedVlans": [ ... ],
  "untaggedVlan": "string",
  "voiceVlan": 0,
  "ingressAcl": "string",
  "egressAcl": "string",
  "vsixIngressAcl": "string",
  "vsixEgressAcl": "string",
  "tags": "string",
  "flexibleAuthenticationEnabled": true,
  "authenticationCustomize": true,
  "authenticationProfileId": "string",
  "authenticationType": "__NULL",
  "changeAuthOrder": true,
  "dot1xPortControl": "__NULL",
  "authDefaultVlan": 0,
  "restrictedVlan": 0,
  "criticalVlan": 0,
  "guestVlan": 0,
  "authFailAction": "__NULL",
  "authTimeoutAction": "__NULL",
  "shouldAlertAaaAndRadiusNotApply": true,
```

```
    "switchLevelAuthDefaultVlan": 0,
    "profileAuthDefaultVlan": 0,
    + "enableAuthPorts": [ ... ],
    "switchMac": "string",
    "profileName": "string",
    "switchPortProfileId": "string",
    "adminPtToPt": "AUTO",
    "portSecurity": true,
    "portSecurityMaxEntries": 0,
    "switchMacAcl": "string",
    + "poeScheduler": { ... }
  }
}
```

## Get Ports

Get port settings of different switches.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

venueId  
required string

REQUEST BODY SCHEMA: application/json  
required

Array [  
 switchId string  
 ports Array of strings unique  
]

## Responses

> 200 OK

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related entity not found

> 422 Validation error

> 500 Internal Server Error

POST /venues/{venueId}/switches/portSettings

## Request samples

Payload

#### Content type

application/json

Copy Expand all Collapse all

```
[
  - {
    "switchId": "string",
    + "ports": [ ... ]
  }
]
```

#### Response samples

200

400

401

403

404

422

500

#### Content type

application/json

Copy Expand all Collapse all

```
[
  - {
    "id": "string",
    + "ports": [ ... ],
    "name": "string",
    "ignoreFields": "string",
    "revert": true,
    "portSpeed": "__NULL",
    "poeClass": "__NULL",
    "poeBudget": 0.1,
    "poePriority": 0,
    "poeEnable": true,
    "poeCapability": true,
    "portEnable": true,
    "portProtected": true,
    "dhcpSnoopingTrust": true,
    "arpInspectionTrust": true,
    "rstpAdminEdgePort": true,
    "stpBpduGuard": true,
    "stpRootGuard": true,
    "ipsig": true,
    "lldpEnable": true,
    + "lldpQos": [ ... ],
    + "taggedVlans": [ ... ],
    "untaggedVlan": "string",
    "voiceVlan": 0,
    "ingressAcl": "string",
    "egressAcl": "string",
    "vsixIngressAcl": "string",
    "vsixEgressAcl": "string",
    "tags": "string",
    "flexibleAuthenticationEnabled": true,
    "authenticationCustomize": true,
    "authenticationProfileId": "string",
    "authenticationType": "__NULL",
    "changeAuthOrder": true,
    "dot1xPortControl": "__NULL",
    "authDefaultVlan": 0,
  }
]
```

```

    "restrictedVlan": 0,
    "criticalVlan": 0,
    "guestVlan": 0,
    "authFailAction": "__NULL",
    "authTimeoutAction": "__NULL",
    "shouldAlertAaaAndRadiusNotApply": true,
    "switchLevelAuthDefaultVlan": 0,
    "profileAuthDefaultVlan": 0,
+   "enableAuthPorts": [ ... ],
    "switchMac": "string",
    "profileName": "string",
    "switchPortProfileId": "string",
    "adminPtToPt": "AUTO",
    "portSecurity": true,
    "portSecurityMaxEntries": 0,
    "switchMacAcl": "string",
+   "poeScheduler": { ... }
  }
}

```

## Power Cycle Port

Power cycle switch's port. Use activity API with request id to get the status update.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

venueId  
required string

REQUEST BODY SCHEMA: application/json  
required

Array [

- switchId string
- ports Array of strings unique

]

## Responses

> 200 OK

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related entity not found

> 422 Validation error



> 500 Internal Server Error

POST /venues/{venueId}/switches/powerCycleRequests

Request samples

Payload

Content type  
application/json

Copy Expand all Collapse all

```
[
  - {
    "switchId": "string",
    + "ports": [ ... ]
  }
]
```

Response samples

200

400

401

403

404

422

500

Content type  
application/json

Copy Expand all Collapse all

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

# Switch Static Routes

Manage static routes.

## Get Static Route

Get the specified static route.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

|                           |        |
|---------------------------|--------|
| venueId<br>required       | string |
| switchId<br>required      | string |
| staticRouteId<br>required | string |

Responses

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

GET /venues/{venueId}/switches/{switchId}/staticRoutes/{staticRouteId} ▾

Response samples

200

400

401

403

404

422

500

Content type

application/json ▾

Copy

```
{  "id": "string",  "destinationIp": "string",  "nextHop": "string",  "adminDistance": 1}
```

Update Static Route

Update the specified static route.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

|                           |        |
|---------------------------|--------|
| venueId<br>required       | string |
| switchId<br>required      | string |
| staticRouteId<br>required | string |

REQUEST BODY SCHEMA: application/json ▾  
required

|               |                                                           |
|---------------|-----------------------------------------------------------|
| id            | string                                                    |
| destinationIp | string ^(([0-9] [1-9][0-9] 1[0-9]{2} 2[0-4][0-9] 25[0-9]) |

Show pattern

|               |                                                              |              |
|---------------|--------------------------------------------------------------|--------------|
| nextHop       | string ^(([0-9] [1-9][0-9] 1[0-9]{2} 2[0-4][0-9] 25[0-5])... | Show pattern |
| adminDistance | integer <int32> [1..255]                                     |              |

## Responses

> **200** OK

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

**PUT** /venues/{venueId}/switches/{switchId}/staticRoutes/{staticRouteId} ▾

### Request samples

#### Payload

Content type

application/json ▾

Copy

```
{
  "id": "string",
  "destinationIp": "string",
  "nextHop": "string",
  "adminDistance": 1
}
```

### Response samples

**200**

400

401

403

404

422

500

Content type

application/json ▾

Copy

Expand all

Collapse all

```
{
  "requestId": "string",
  "response": {
    "id": "string",
    "destinationIp": "string",
    "nextHop": "string",
    "adminDistance": 1
  }
}
```

## Delete Static Route

Delete the specified static route.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

|                           |        |
|---------------------------|--------|
| venueId<br>required       | string |
| switchId<br>required      | string |
| staticRouteId<br>required | string |

### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

**DELETE** /venues/{venueId}/switches/{switchId}/staticRoutes/{staticRouteId} ▾

### Response samples

**200**

**400**

**401**

**403**

**404**

**422**

**500**

Content type

application/json ▾

Copy

Expand all

Collapse all

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

## Get Static Routes

Get multiple static routes of the switch.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

|                      |        |
|----------------------|--------|
| venueId<br>required  | string |
| switchId<br>required | string |

Responses

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

GET /venues/{venueId}/switches/{switchId}/staticRoutes

Response samples

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

Content type  
application/json

Copy Expand all Collapse all

```
[
  - {
    "id": "string",
    "destinationIp": "string",
    "nextHop": "string",
    "adminDistance": 1
  }
]
```

Add Static Route

Add multiple static routes of the switch.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

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

|          |        |
|----------|--------|
| switchId | string |
| required |        |

---

REQUEST BODY SCHEMA: application/json ▾

required

---

Array [

|               |                                                                                     |
|---------------|-------------------------------------------------------------------------------------|
| id            | string                                                                              |
| destinationIp | string <code>^(([0-9] [1-9][0-9] 1[0-9]{2} 2[0-4][0-9] 25[0-5])</code> Show pattern |
| nextHop       | string <code>^(([0-9] [1-9][0-9] 1[0-9]{2} 2[0-4][0-9] 25[0-5])</code> Show pattern |
| adminDistance | integer <int32> [ 1 .. 255 ]                                                        |

]

Responses

- > 201 Created
- > 400 Bad/malformed request
- > 401 Unauthorized
- > 403 Forbidden
- > 404 Requested resource or related entity not found
- > 422 Validation error
- > 500 Internal Server Error

POST

/venues/{venueId}/switches/{switchId}/staticRoutes

▾

Request samples

Payload

Content type

application/json ▾

Copy Expand all Collapse all

```
[
  {
    "id": "string",
    "destinationIp": "string",
    "nextHop": "string",
    "adminDistance": 1
  }
]
```

Response samples

201

400

401

403

404

422

500

Content type

application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": {
    "id": "string",
    "destinationIp": "string",
    "nextHop": "string",
    "adminDistance": 1
  }
}
```

## Delete Static Routes

Delete multiple static routes.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

|                      |        |
|----------------------|--------|
| venueId<br>required  | string |
| switchId<br>required | string |

REQUEST BODY SCHEMA: application/json   
required

Array [  
  string  
]

### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

**DELETE** /venues/{venueId}/switches/{switchId}/staticRoutes

Request samples

Payload

Content type

application/json

Copy

```
[  
  "string"  
]
```

Response samples

200

400

401

403

404

422

500

Content type

application/json

CopyExpand allCollapse all

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

## Switch VLAN

Manage VLANs (virtual local area networks).

### Get Switch VLAN

Get the specified switch-level VLAN by id.

|                 |          |         |
|-----------------|----------|---------|
| AUTHORIZATIONS: | >        | jwtAuth |
| PATH PARAMETERS |          |         |
| venueId         | required | string  |
| switchId        | required | string  |
| vlanId          | required | string  |

### Responses

|                             |
|-----------------------------|
| > 200 OK                    |
| > 400 Bad/malformed request |
| > 401 Unauthorized          |



> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

GET /venues/{venueId}/switches/{switchId}/vlans/{vlanId}

## Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "vlanId": 0,
  "vlanName": "string",
  "ipv4DhcpSnooping": true,
  "arpInspection": true,
  "igmpSnooping": "active",
  "multicastVersion": 0,
  "spanningTreeProtocol": "rstp",
  "taggedPorts": "string",
  "untaggedPorts": "string",
  "switchVlanPortModels": [
    + { ... }
  ],
  "enableAsDefaultVlan": true,
  "usedByVePort": true,
  "isAuthDefaultVlan": true,
  "isAuthVlan": true
}
```

## Update Switch VLAN

Update a VLAN of the switch.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

|                      |        |
|----------------------|--------|
| venueId<br>required  | string |
| switchId<br>required | string |
| vlanId<br>required   | string |

REQUEST BODY SCHEMA: application/json  
required

|    |        |
|----|--------|
| id | string |
|----|--------|

|                        |                                                        |
|------------------------|--------------------------------------------------------|
| vlanId                 | integer <int32> [1 .. 4095]                            |
| vlanName               | string                                                 |
| ipv4DhcpSnooping       | boolean                                                |
| arpInspection          | boolean                                                |
| igmpSnooping           | string<br>Enum: "active" "passive" "none"              |
| multicastVersion       | integer <int32> [0 .. 3]                               |
| spanningTreeProtocol   | string<br>Enum: "rstp" "stp" "none"                    |
| switchVlanPortModels > | Array of objects (SwitchVlanPortModelViewV1001) unique |
| enableAsDefaultVlan    | boolean                                                |

## Responses

> **200** OK

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

**PUT** /venues/{venueId}/switches/{switchId}/vlans/{vlanId}

## Request samples

### Payload

#### Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "vlanId": 1,
  "vlanName": "string",
  "ipv4DhcpSnooping": true,
  "arpInspection": true,
  "igmpSnooping": "active",
  "multicastVersion": 3,
  "spanningTreeProtocol": "rstp",
```

```
- "switchVlanPortModels": [  
  + { ... }  
],  
"enableAsDefaultVlan": true  
}
```

## Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy Expand all Collapse all

```
{  
  "requestId": "string",  
  "response": {  
    "id": "string",  
    "vlanId": 0,  
    "vlanName": "string",  
    "ipv4DhcpSnooping": true,  
    "arpInspection": true,  
    "igmpSnooping": "active",  
    "multicastVersion": 0,  
    "spanningTreeProtocol": "rstp",  
    "taggedPorts": "string",  
    "untaggedPorts": "string",  
    + "switchVlanPortModels": [ ... ],  
    "enableAsDefaultVlan": true,  
    "usedByVePort": true,  
    "isAuthDefaultVlan": true,  
    "isAuthVlan": true  
  }  
}
```

## Delete Switch VLAN

Delete a VLAN of the switch.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

|                      |        |
|----------------------|--------|
| venueId<br>required  | string |
| switchId<br>required | string |
| vlanId<br>required   | string |

## Responses

> 200 OK

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

**DELETE** /venues/{venueId}/switches/{switchId}/vlans/{vlanId} ▼

### Response samples

200

400

401

403

404

422

500

Content type

application/json ▼

Copy Expand all Collapse all

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

## Add Switch VLANs

Create multiple VLANs under the specified switches.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

venueId  
required string

REQUEST BODY SCHEMA: application/json ▼  
required

Array [

id string

vlanId integer <int32> [1 .. 4095]

vlanName string

ipv4DhcpSnooping boolean

arpInspection boolean

igmpSnooping string  
Enum: "active" "passive" "none"

|                        |                                                        |
|------------------------|--------------------------------------------------------|
| multicastVersion       | integer <int32> [0..3]                                 |
| spanningTreeProtocol   | string<br>Enum: "rstp" "stp" "none"                    |
| switchVlanPortModels > | Array of objects (SwitchVlanPortModelViewV1001) unique |
| enableAsDefaultVlan    | boolean                                                |
| switchId<br>required   | string                                                 |

## Responses

> **201** Created

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

**POST** /venues/{venueId}/vlans

## Request samples

### Payload

Content type

application/json

Copy Expand all Collapse all

```
[
  {
    "id": "string",
    "vlanId": 1,
    "vlanName": "string",
    "ipv4DhcpSnooping": true,
    "arpInspection": true,
    "igmpSnooping": "active",
    "multicastVersion": 3,
    "spanningTreeProtocol": "rstp",
    "switchVlanPortModels": [ ... ],
    "enableAsDefaultVlan": true,
    "switchId": "string"
  }
]
```

Response samples

201

400

401

403

404

422

500

Content type

application/json

Copy

Expand all

Collapse all

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

## Retrieve Switch VLANs

Retrieve all usable VLANs under the specified switches.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

venueId  
required

string

REQUEST BODY SCHEMA: application/json  
required

Array [  
 string  
]

### Responses

> 200 OK

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related entity not found

> 422 Validation error

> 500 Internal Server Error

POST /venues/{venueId}/vlans/query

### Request samples

Payload

Content type

application/json

Copy

```
[  
  "string"  
]
```

Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy Expand all Collapse all

```
[  
  - {  
    "switchId": "string",  
    "defaultVlanId": 0,  
    + "vlanList": [ ... ]  
  }  
]
```

## Get VLAN-VE-Ports

List all usable VLANs that are available for the VE setting.

|                      |         |
|----------------------|---------|
| AUTHORIZATIONS: >    | jwtAuth |
| PATH PARAMETERS      |         |
| venueId<br>required  | string  |
| switchId<br>required | string  |

### Responses

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

GET /venues/{venueId}/switches/{switchId}/vlans

## Response samples

200

400

401

403

404

422

500

### Content type

application/json

Copy

```
{
  "id": "string",
  "vlanId": "string",
  "vlanName": "string",
  "usedByVePort": true
}
```

## Add Switch VLAN

Create a VLAN of the switch.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

|                      |        |
|----------------------|--------|
| venueId<br>required  | string |
| switchId<br>required | string |

REQUEST BODY SCHEMA: application/json  
required

|                        |                                                        |
|------------------------|--------------------------------------------------------|
| id                     | string                                                 |
| vlanId                 | integer <int32> [1 .. 4095]                            |
| vlanName               | string                                                 |
| ipv4DhcpSnooping       | boolean                                                |
| arpInspection          | boolean                                                |
| igmpSnooping           | string<br>Enum: "active" "passive" "none"              |
| multicastVersion       | integer <int32> [0 .. 3]                               |
| spanningTreeProtocol   | string<br>Enum: "rstp" "stp" "none"                    |
| switchVlanPortModels > | Array of objects (SwitchVlanPortModelViewV1001) unique |
| enableAsDefaultVlan    | boolean                                                |

## Responses



> **201** Created

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

**POST** /venues/{venueId}/switches/{switchId}/vlans

### Request samples

#### Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "vlanId": 1,
  "vlanName": "string",
  "ipv4DhcpSnooping": true,
  "arpInspection": true,
  "igmpSnooping": "active",
  "multicastVersion": 3,
  "spanningTreeProtocol": "rstp",
  "switchVlanPortModels": [
    + { ... }
  ],
  "enableAsDefaultVlan": true
}
```

### Response samples

**201**

**400**

**401**

**403**

**404**

**422**

**500**

Content type

application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": {
    "id": "string",
    "vlanId": 0,
    "vlanName": "string",
    "ipv4DhcpSnooping": true,
    "arpInspection": true,
    "igmpSnooping": "active",
```

```
    "multicastVersion": 0,
    "spanningTreeProtocol": "rstp",
    "taggedPorts": "string",
    "untaggedPorts": "string",
+   "switchVlanPortModels": [ ... ],
    "enableAsDefaultVlan": true,
    "usedByVePort": true,
    "isAuthDefaultVlan": true,
    "isAuthVlan": true
  }
}
```

## Delete Switch VLANs

Delete multiple VLANs of the switch.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

|                      |        |
|----------------------|--------|
| venueId<br>required  | string |
| switchId<br>required | string |

REQUEST BODY SCHEMA: application/json   
required

Array [  
 string  
]

### Responses

> 200 OK

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related entity not found

> 422 Validation error

> 500 Internal Server Error

**DELETE** /venues/{venueId}/switches/{switchId}/vlans 

### Request samples

Payload

Content type  
application/json 

Copy

```
[
  "string"
]
```

## Response samples

200

400

401

403

404

422

500

### Content type

application/json

Copy

Expand all

Collapse all

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

## Query Switch VLANs

Query the switch's switch-level VLANs.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

|                      |        |
|----------------------|--------|
| venueId<br>required  | string |
| switchId<br>required | string |

REQUEST BODY SCHEMA: application/json ▼  
required

|                    |                              |
|--------------------|------------------------------|
| fields             | Array of strings             |
| page               | integer <int32>              |
| pageSize           | integer <int32>              |
| sortField          | string                       |
| sortOrder          | string<br>Enum: "ASC" "DESC" |
| filterType         | string<br>Deprecated         |
| filters >          | object                       |
| searchString       | string                       |
| searchTargetFields | Array of strings             |

## Responses

> **200** OK

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

**POST** /venues/{venueId}/switches/{switchId}/vlans/query

### Request samples

Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  - "fields": [
    "string"
  ],
  "page": 0,
  "pageSize": 0,
  "sortField": "string",
  "sortOrder": "ASC",
  "filterType": "string",
  - "filters": {
    + "property1": [ ... ],
    + "property2": [ ... ]
  },
  "searchString": "string",
  - "searchTargetFields": [
    "string"
  ]
}
```

### Response samples

**200**

**400**

**401**

**403**

**404**

**422**

**500**

Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "data": {
```

```
- data : {  
  { }  
},  
- "fields": [  
  "string"  
],  
"page": 0,  
"totalCount": 0,  
"totalPages": 0  
}
```

## Get VLANs

List all usable VLANs under this venue.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

venueId  
required string

## Responses

> 200 OK

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related entity not found

> 422 Validation error

> 500 Internal Server Error

GET /venues/{venueId}/vlanUnions

## Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy

```
{  
  "id": "string",  
  "vlanId": 1,  
  "vlanConfigName": "string"  
}
```

Switch Virtual Ethernet

## SWITCH VIRTUAL ETHERNET

Manage VE (virtual ethernet) port settings.

### Get Virtual Ethernet Setting

Get a specified virtual ethernet port.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

|                      |        |
|----------------------|--------|
| venueId<br>required  | string |
| switchId<br>required | string |
| vePortId<br>required | string |

#### Responses

> 200 OK

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related entity not found

> 422 Validation error

> 500 Internal Server Error

GET /venues/{venueId}/switches/{switchId}/vePorts/{vePortId}

#### Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy

```
{
  "id": "string",
  "veId": 0,
  "vlanId": 0,
  "name": "string",
  "ospfArea": "string",
  "dhcpRelayAgent": "string",
  "ipAddressType": "static",
  "ipAddress": "string",
  "ipSubnetMask": "string",
  "hostnameAndName": "string"
```

```
    "ingressAclName": "string",
    "egressAclName": "string",
    "connectedVe": true,
    "switchId": "string",
    "switchName": "string",
    "deviceStatus": "string",
    "syncedSwitchConfig": true,
    "vsixIngressAclName": "string",
    "vsixEgressAclName": "string"
  }
}
```

## Update Virtual Ethernet Setting

Update virtual ethernet port.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

|                      |        |
|----------------------|--------|
| venueId<br>required  | string |
| switchId<br>required | string |
| vePortId<br>required | string |

REQUEST BODY SCHEMA: application/json

required

|                |                                    |
|----------------|------------------------------------|
| veId           | integer <int32>                    |
| vlanId         | integer <int32>                    |
| name           | string                             |
| ospfArea       | string                             |
| dhcpRelayAgent | string                             |
| ipAddressType  | string<br>Enum: "static" "dynamic" |
| ipAddress      | string                             |
| ipSubnetMask   | string                             |
| ingressAcl     | string                             |
| egressAcl      | string                             |

### Responses

> 200 OK

> 400 Bad/malformed request

> 401 Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

PUT /venues/{venueId}/switches/{switchId}/vePorts/{vePortId}

## Request samples

### Payload

Content type

application/json

Copy

```
{
  "veId": 0,
  "vlanId": 0,
  "name": "string",
  "ospfArea": "string",
  "dhcpRelayAgent": "string",
  "ipAddressType": "static",
  "ipAddress": "string",
  "ipSubnetMask": "string",
  "ingressAcl": "string",
  "egressAcl": "string"
}
```

## Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "requestId": "string",
  "response": {
    "id": "string",
    "veId": 0,
    "vlanId": 0,
    "name": "string",
    "ospfArea": "string",
    "dhcpRelayAgent": "string",
    "ipAddressType": "static",
    "ipAddress": "string",
    "ipSubnetMask": "string",
    "ingressAclName": "string",
    "egressAclName": "string",
    "connectedVe": true,
    "switchId": "string"
  }
}
```



```
        "switchId": "string",
        "switchName": "string",
        "deviceStatus": "string",
        "syncedSwitchConfig": true,
        "vsixIngressAcLName": "string",
        "vsixEgressAcLName": "string"
    }
}
```

## Delete Virtual Ethernet Setting

Delete virtual ethernet port.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

|                      |        |
|----------------------|--------|
| venueId<br>required  | string |
| switchId<br>required | string |
| vePortId<br>required | string |

### Responses

> **200** OK

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

**DELETE** /venues/{venueId}/switches/{switchId}/vePorts/{vePortId} 

### Response samples

200

400

401

403

404

422

500

Content type

application/json 

Copy Expand all Collapse all

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

## Retrieve Virtual Ethernet Settings

Retrieve virtual ethernet ports of venue by query.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

venueId  
required string

REQUEST BODY SCHEMA: application/json  
required

fields Array of strings

page integer <int32>

pageSize integer <int32>

sortField string

sortOrder string  
Enum: "ASC" "DESC"

filterType string  
Deprecated

filters > object

### Responses

> 200 OK

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related entity not found

> 422 Validation error

> 500 Internal Server Error

POST /venues/{venueId}/vePorts/query

### Request samples

Payload

Content type  
application/json

CopyExpand allCollapse all

```
{
  - "fields": [
    "string"
  ],
  "page": 0,
  "pageSize": 0,
  "sortField": "string",
  "sortOrder": "ASC",
  "filterType": "string",
  - "filters": {
    + "property1": [ ... ],
    + "property2": [ ... ]
  }
}
```

Response samples

200

400

401

403

404

422

500

Content type

application/json

CopyExpand allCollapse all

```
{
  "id": "string",
  - "data": [
    { }
  ],
  - "fields": [
    "string"
  ],
  "page": 0,
  "totalCount": 0,
  "totalPages": 0
}
```

## Retrieve Virtual Ethernet Settings

Retrieve virtual ethernet ports of the specified switch.

|                   |          |         |
|-------------------|----------|---------|
| AUTHORIZATIONS: > |          | jwtAuth |
| PATH PARAMETERS   |          |         |
| venueId           | required | string  |
| switchId          | required | string  |

### Responses

|  |
|--|
|  |
|--|

> **200** OK

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

GET /venues/{venueId}/switches/{switchId}/vePorts

### Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy Expand all Collapse all

```
[
  - {
    "id": "string",
    "veId": 0,
    "vlanId": 0,
    "name": "string",
    "ospfArea": "string",
    "dhcpRelayAgent": "string",
    "ipAddressType": "static",
    "ipAddress": "string",
    "ipSubnetMask": "string",
    "ingressAclName": "string",
    "egressAclName": "string",
    "connectedVe": true,
    "switchId": "string",
    "switchName": "string",
    "deviceStatus": "string",
    "syncdSwitchConfig": true,
    "vsixIngressAclName": "string",
    "vsixEgressAclName": "string"
  }
]
```

## Add Virtual Ethernet Settings

Add virtual ethernet ports of the switch.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

|                      |        |
|----------------------|--------|
| venueId<br>required  | string |
| switchId<br>required | string |

REQUEST BODY SCHEMA: application/json ▼

required

Array [

|                |                                    |
|----------------|------------------------------------|
| veId           | integer <int32>                    |
| vlanId         | integer <int32>                    |
| name           | string                             |
| ospfArea       | string                             |
| dhcpRelayAgent | string                             |
| ipAddressType  | string<br>Enum: "static" "dynamic" |
| ipAddress      | string                             |
| ipSubnetMask   | string                             |
| ingressAcl     | string                             |
| egressAcl      | string                             |

]

Responses

- > 201 Created
- > 400 Bad/malformed request
- > 401 Unauthorized
- > 403 Forbidden
- > 404 Requested resource or related entity not found
- > 422 Validation error
- > 500 Internal Server Error

POST

/venues/{venueId}/switches/{switchId}/vePorts

▼

Request samples

Payload

Content type

application/json

▼

Copy

Expand all

Collapse all

```
[
  - {
    "veId": 0,
    "vlanId": 0,
    "name": "string",
    "ospfArea": "string",
    "dhcpRelayAgent": "string",
    "ipAddressType": "static",
    "ipAddress": "string",
    "ipSubnetMask": "string",
    "ingressAcl": "string",
    "egressAcl": "string"
  }
]
```

## Response samples

201

400

401

403

404

422

500

### Content type

application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  - "response": {
    "id": "string",
    "veId": 0,
    "vlanId": 0,
    "name": "string",
    "ospfArea": "string",
    "dhcpRelayAgent": "string",
    "ipAddressType": "static",
    "ipAddress": "string",
    "ipSubnetMask": "string",
    "ingressAclName": "string",
    "egressAclName": "string",
    "connectedVe": true,
    "switchId": "string",
    "switchName": "string",
    "deviceStatus": "string",
    "syncdSwitchConfig": true,
    "vsixIngressAclName": "string",
    "vsixEgressAclName": "string"
  }
}
```

# Delete Virtual Ethernet Settings

Delete multiple virtual ethernet ports.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

|                      |        |
|----------------------|--------|
| venueId<br>required  | string |
| switchId<br>required | string |

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

Array [  
 string  
]

## Responses

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

DELETE /venues/{venueId}/switches/{switchId}/vePorts

### Request samples

Payload

Content type  
application/json

```
[  
  "string"  
]
```

Copy

### Response samples

200 400 401 403 404 422 500

Content type  
application/json

Copy Expand all Collapse all

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

## Retrieve Virtual Ethernet Settings

Retrieve virtual ethernet ports of switch by query.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

|                      |        |
|----------------------|--------|
| venueId<br>required  | string |
| switchId<br>required | string |

REQUEST BODY SCHEMA: application/json  
required

|            |                              |
|------------|------------------------------|
| fields     | Array of strings             |
| page       | integer <int32>              |
| pageSize   | integer <int32>              |
| sortField  | string                       |
| sortOrder  | string<br>Enum: "ASC" "DESC" |
| filterType | string<br>Deprecated         |
| filters >  | object                       |

## Responses

> 200 OK

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related entity not found



> **422** Validation error

> **500** Internal Server Error

**POST** /venues/{venueId}/switches/{switchId}/vePorts/query

### Request samples

#### Payload

Content type  
application/json

Copy Expand all Collapse all

```
{
  - "fields": [
    "string"
  ],
  "page": 0,
  "pageSize": 0,
  "sortField": "string",
  "sortOrder": "ASC",
  "filterType": "string",
  - "filters": {
    + "property1": [ ... ],
    + "property2": [ ... ]
  }
}
```

### Response samples

**200**

**400**

**401**

**403**

**404**

**422**

**500**

Content type  
application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  - "data": [
    { }
  ],
  - "fields": [
    "string"
  ],
  "page": 0,
  "totalCount": 0,
  "totalPages": 0
}
```

## Venue Switch Setting

Manage a switch's venue-level settings.

## Get Venue Switch Setting

Get the switch settings of the venue.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

venueId  
required string

Responses

> 200 OK

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related entity not found

> 422 Validation error

> 500 Internal Server Error

GET /venues/{venueId}/switchSettings

Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "name": "string",
  "dns": [
    "string"
  ],
  "switchLoginUsername": "string",
  "switchLoginPassword": "string",
  "syslogEnabled": true,
  "syslogPrimaryServer": "string",
  "syslogSecondaryServer": "string",
  "cliApplied": true,
  "profileId": [
    "string"
  ],
  "switchProfileIds": [
    "string"
  ],
  "switchCliProfileIds": [
    "string"
  ]
}
```

## Update Venue Switch Setting

Update the switch settings of the venue. Use activity API with request id to get the status update.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

venueId  
required string

REQUEST BODY SCHEMA: application/json  
required

|                       |                  |
|-----------------------|------------------|
| id                    | string           |
| dns                   | Array of strings |
| syslogEnabled         | boolean          |
| syslogPrimaryServer   | string           |
| syslogSecondaryServer | string           |
| profileId             | Array of strings |

### Responses

> 200 OK

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related entity not found

> 422 Validation error

> 500 Internal Server Error

PUT /venues/{venueId}/switchSettings

### Request samples

Payload

Content type  
application/json

Copy Expand all Collapse all

```
{  
  "id": "string"
```

```
id: string ,
- "dns": [
    "string"
  ],
  "syslogEnabled": true,
  "syslogPrimaryServer": "string",
  "syslogSecondaryServer": "string",
- "profileId": [
    "string"
  ]
}
```

## Response samples

200

400

401

403

404

422

500

### Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "name": "string",
- "dns": [
    "string"
  ],
  "switchLoginUsername": "string",
  "switchLoginPassword": "string",
  "syslogEnabled": true,
  "syslogPrimaryServer": "string",
  "syslogSecondaryServer": "string",
  "cliApplied": true,
- "profileId": [
    "string"
  ],
- "switchProfileIds": [
    "string"
  ],
- "switchCliProfileIds": [
    "string"
  ]
}
```

## Venue Template AAA Server

Manage Venue Template AAA (authentication, authorization, and accounting) Servers.

### Get Venue Template AAA Server

Get venue template's authentication, authorization, and accounting server. Add Prefix '/rec' for REC Templates.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

|

|                         |        |
|-------------------------|--------|
| venueId<br>required     | string |
| aaaServerId<br>required | string |

## Responses

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

GET
/templates/venues/{venueId}/aaaServers/{aaaServerId}

Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy

```

{
  "id": "string",
  "name": "string",
  "username": "string",
  "password": "string",
  "purpose": "UNSPECIFIED",
  "level": "UNSPECIFIED",
  "serverType": "__NULL",
  "secret": "string",
  "ip": "string",
  "acctPort": 0,
  "authPort": 0
}
```

## Update Venue Template AAA Server

Update venue template's authentication, authorization, and accounting server by id. Use activity API with request id to get the status update.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

|                                                      |                                                                                                      |
|------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| venueId<br>required                                  | string                                                                                               |
| aaaServerId<br>required                              | string                                                                                               |
| REQUEST BODY SCHEMA: application/json <span>▼</span> |                                                                                                      |
| required                                             |                                                                                                      |
| name                                                 | string [ 2 .. 64 ] characters                                                                        |
| username                                             | string [ 2 .. 48 ] characters                                                                        |
| password                                             | string [ 8 .. 64 ] characters                                                                        |
| purpose                                              | string<br>Enum: "UNSPECIFIED" "DEFAULT" "AUTHENTICATION_ONLY" "AUTHORIZATION_ONLY" "ACCOUNTING_ONLY" |
| level                                                | string<br>Enum: "UNSPECIFIED" "READ_WRITE" "PORT_CONFIG" "READ_ONLY" "LEVEL_NONE"                    |
| serverType                                           | string<br>Enum: "__NULL" "RADIUS" "TACACS_PLUS" "LOCAL" "NONE_TYPE"                                  |
| secret                                               | string [ 1 .. 64 ] characters                                                                        |
| ip                                                   | string <code>^(?:([1-9]\d? 1\d\d 2[0-4]\d 25[0-5])\.(\. . .</code> <a href="#">Show pattern</a>      |
| acctPort                                             | integer <int32> [ 0 .. 65535 ]                                                                       |
| authPort                                             | integer <int32> [ 0 .. 65535 ]                                                                       |

## Responses

> 200 OK

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related entity not found

> 422 Validation error

> 500 Internal Server Error

PUT /templates/venues/{venueId}/aaaServers/{aaaServerId} ▼

### Request samples

Payload

Content type  
application/json ▼

Copy

```
{
  "name": "string",
  "username": "string",
  "password": "stringst",
  "purpose": "UNSPECIFIED",
  "level": "UNSPECIFIED",
  "serverType": "__NULL",
  "secret": "string",
  "ip": "string",
  "acctPort": 65535,
  "authPort": 65535
}
```

## Response samples

200

400

401

403

404

422

500

### Content type

application/json

Copy

Expand all

Collapse all

```
{
  "requestId": "string",
  "response": {
    "id": "string",
    "name": "string",
    "username": "string",
    "password": "string",
    "purpose": "UNSPECIFIED",
    "level": "UNSPECIFIED",
    "serverType": "__NULL",
    "secret": "string",
    "ip": "string",
    "acctPort": 0,
    "authPort": 0
  }
}
```

## Delete Venue Template AAA Server

Delete venue template's authentication, authorization, and accounting server by id. Add Prefix '/rec' for REC Templates.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

|                         |        |
|-------------------------|--------|
| venueId<br>required     | string |
| aaaServerId<br>required | string |

## Responses

> 200 OK

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related entity not found

> 422 Validation error

> 500 Internal Server Error

DELETE /templates/venues/{venueId}/aaaServers/{aaaServerId}

### Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy Expand all Collapse all

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

## Add Venue Template AAA Server

Add venue template's authentication, authorization, and accounting server. Use activity API with request id to get the status update.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

venueId  
required string

REQUEST BODY SCHEMA: application/json  
required

name string [ 2 .. 64 ] characters

username string [ 2 .. 48 ] characters

password string [ 8 .. 64 ] characters

purpose string  
Enum: "UNSPECIFIED" "DEFAULT" "AUTHENTICATION\_ONLY" "AUTHORIZATION\_ONLY" "ACCOUNTING\_ONLY"

level string  
Enum: "UNSPECIFIED" "READ\_WRITE" "PORT\_CONFIG" "READ\_ONLY" "LEVEL\_NONE"



|            |                                                                                                                                                                                                                                  |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| serverType | string<br>Enum: <span>"__NULL"</span> <span>"RADIUS"</span> <span>"TACACS_PLUS"</span> <span>"LOCAL"</span> <span>"NONE_TYPE"</span>                                                                                             |
| secret     | string <span>[ 1 .. 64 ] characters</span>                                                                                                                                                                                       |
| ip         | string <span>^(?:([1-9]\d? 1\d\d 2[0-4]\d 25[0-5])(?:\.(?:\d\d\d? 0\d\d? 0\d 0))\d(?:[0-9]\d? 1\d\d 2[0-4]\d 25[0-5]))(?:\.(?:\d\d\d? 0\d\d? 0\d 0))\d(?:[0-9]\d? 1\d\d 2[0-4]\d 25[0-5]))\$</span> <a href="#">Show pattern</a> |
| acctPort   | integer <int32> <span>[ 0 .. 65535 ]</span>                                                                                                                                                                                      |
| authPort   | integer <int32> <span>[ 0 .. 65535 ]</span>                                                                                                                                                                                      |

Responses

- > 200 OK
- > 201 Created
- > 400 Bad/malformed request
- > 401 Unauthorized
- > 403 Forbidden
- > 404 Requested resource or related entity not found
- > 422 Validation error
- > 500 Internal Server Error

POST

/templates/venues/{venueId}/aaaServers

▼

Request samples

Payload

Content type

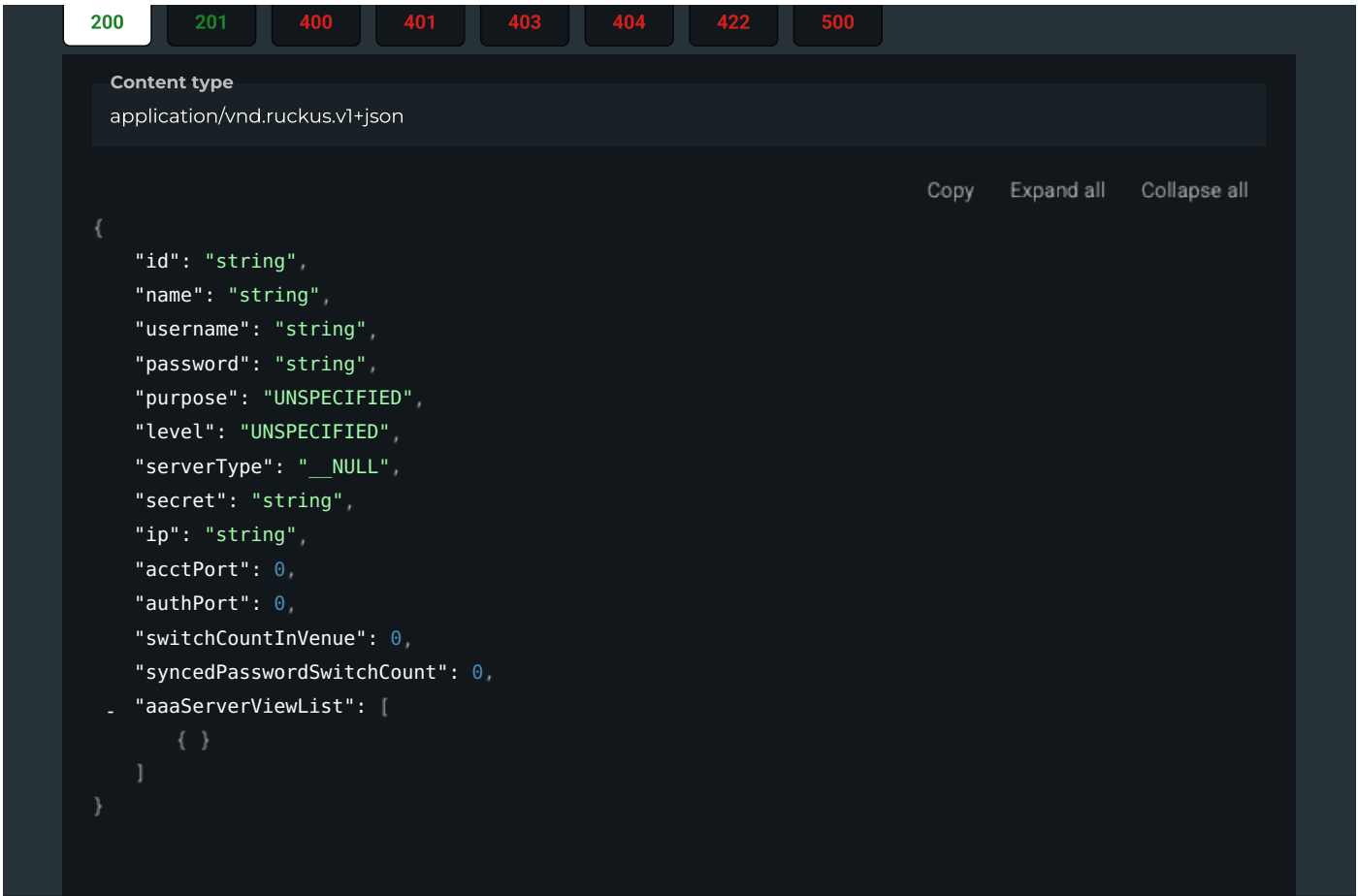
application/json

▼

Copy

```
{
  "name": "string",
  "username": "string",
  "password": "stringst",
  "purpose": "UNSPECIFIED",
  "level": "UNSPECIFIED",
  "serverType": "__NULL",
  "secret": "string",
  "ip": "string",
  "acctPort": 65535,
  "authPort": 65535
}
```

Response samples



## Delete Venue Template AAA Servers

Delete venue template's multiple authentication, authorization, and accounting servers. Add Prefix '/rec' for REC Templates.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

venueId  
required string

REQUEST BODY SCHEMA: application/json  
required

Array [  
string  
]

### Responses

> 200 OK

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related entity not found

> **422** Validation error

> **500** Internal Server Error

**DELETE** /templates/venues/{venueId}/aaaServers

### Request samples

#### Payload

Content type

application/json

Copy

```
[
  "string"
]
```

### Response samples

**200**

400

401

403

404

422

500

Content type

application/json

Copy

Expand all

Collapse all

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

## Query Venue Template AAA Servers

List of venue template's authentication, authorization, and accounting servers. Add Prefix '/rec' for REC Templates.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

venueId  
required string

REQUEST BODY SCHEMA: application/json  
required

|           |                              |
|-----------|------------------------------|
| fields    | Array of strings             |
| page      | integer <int32>              |
| pageSize  | integer <int32>              |
| sortField | string                       |
| sortOrder | string<br>Enum: "ASC" "DESC" |

serverType

string

Enum: `"_NULL"` `"RADIUS"` `"TACACS_PLUS"` `"LOCAL"` `"NONE_TYPE"`

## Responses

> **200** OK

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

**POST** /templates/venues/{venueId}/aaaServers/query

### Request samples

#### Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "fields": [
    "string"
  ],
  "page": 0,
  "pageSize": 0,
  "sortField": "string",
  "sortOrder": "ASC",
  "serverType": "_NULL"
}
```

### Response samples

**200**

**400**

**401**

**403**

**404**

**422**

**500**

Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "data": [
    {}
  ],
  "fields": [
```

```
    "string"
  },
  "page": 0,
  "totalCount": 0,
  "totalPages": 0
}
```

## Venue Template AAA Setting

Manage Venue Template AAA (authentication, authorization, and accounting) Settings.

### Retrieve Venue Template AAA Setting

Retrieve venue template's authentication, authorization, and accounting setting.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

venueId  
required string

### Responses

> 200 OK

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related entity not found

> 422 Validation error

> 500 Internal Server Error

GET /templates/venues/{venueId}/aaaSettings

### Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy

```
{
  "id": "string",
  "authnEnabledSsh": true,
  "authnFirstPref": "string",
  "authnSecondPref": "string",
  "authnThirdPref": "string",
}
```

```

    "authnFourthPref": "string",
    "authzEnabledCommand": true,
    "authzEnabledExec": true,
    "authzCommonsLevel": "string",
    "authzCommonsFirstServer": "string",
    "authzCommonsSecondServer": "string",
    "authzCommonsThirdServer": "string",
    "authzExecFirstServer": "string",
    "authzExecSecondServer": "string",
    "authzExecThirdServer": "string",
    "acctEnabledCommand": true,
    "acctEnabledExec": true,
    "acctCommonsLevel": "string",
    "acctCommonsFirstServer": "string",
    "acctCommonsSecondServer": "string",
    "acctCommonsThirdServer": "string",
    "acctExecFirstServer": "string",
    "acctExecSecondServer": "string",
    "acctExecThirdServer": "string"
  }
}

```

## Update Venue Template AAA Setting

Update venue template's authentication, authorization, and accounting setting by id. Use activity API with request id to get the status update. Add Prefix '/rec' for REC Templates.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

venueId  
required string

REQUEST BODY SCHEMA: application/json  
required

id string

authnEnabledSsh boolean

authnFirstPref string

authnSecondPref string

authnThirdPref string

authnFourthPref string

authzEnabledCommand boolean

authzEnabledExec boolean

authzCommonsLevel string

authzCommonsFirstServer string

authzCommonsSecondServer string

authzCommonsThirdServer string

|                         |         |
|-------------------------|---------|
| authzExecFirstServer    | string  |
| authzExecSecondServer   | string  |
| authzExecThirdServer    | string  |
| acctEnabledCommand      | boolean |
| acctEnabledExec         | boolean |
| acctCommonsLevel        | string  |
| acctCommonsFirstServer  | string  |
| acctCommonsSecondServer | string  |
| acctCommonsThirdServer  | string  |
| acctExecFirstServer     | string  |
| acctExecSecondServer    | string  |
| acctExecThirdServer     | string  |

## Responses

> **200** OK

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

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

### Request samples

Payload

Content type

application/json

Copy

```
{
  "id": "string",
  "authnEnabledSsh": true,
  "authnFirstPref": "string",
  "authnSecondPref": "string",
  "authnThirdPref": "string",
  "authnFourthPref": "string",
}
```

```
"authzEnabledCommand": true,
"authzEnabledExec": true,
"authzCommonsLevel": "string",
"authzCommonsFirstServer": "string",
"authzCommonsSecondServer": "string",
"authzCommonsThirdServer": "string",
"authzExecFirstServer": "string",
"authzExecSecondServer": "string",
"authzExecThirdServer": "string",
"acctEnabledCommand": true,
"acctEnabledExec": true,
"acctCommonsLevel": "string",
"acctCommonsFirstServer": "string",
"acctCommonsSecondServer": "string",
"acctCommonsThirdServer": "string",
"acctExecFirstServer": "string",
"acctExecSecondServer": "string",
"acctExecThirdServer": "string"
}
```

## Response samples

200

400

401

403

404

422

500

### Content type

application/json

Copy

Expand all

Collapse all

```
{
  "requestId": "string",
  "response": {
    "id": "string",
    "authnEnabledSsh": true,
    "authnFirstPref": "string",
    "authnSecondPref": "string",
    "authnThirdPref": "string",
    "authnFourthPref": "string",
    "authzEnabledCommand": true,
    "authzEnabledExec": true,
    "authzCommonsLevel": "string",
    "authzCommonsFirstServer": "string",
    "authzCommonsSecondServer": "string",
    "authzCommonsThirdServer": "string",
    "authzExecFirstServer": "string",
    "authzExecSecondServer": "string",
    "authzExecThirdServer": "string",
    "acctEnabledCommand": true,
    "acctEnabledExec": true,
    "acctCommonsLevel": "string",
    "acctCommonsFirstServer": "string",
    "acctCommonsSecondServer": "string",
    "acctCommonsThirdServer": "string",
    "acctExecFirstServer": "string",
    "acctExecSecondServer": "string",
    "acctExecThirdServer": "string"
  }
}
```



## Venue Template Switch Setting

Manage switch settings of venue template.

### Get Venue Template Switch Setting

Get the switch settings of the venue template.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

venueId  
required

string

### Responses

> 200 OK

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related entity not found

> 422 Validation error

> 500 Internal Server Error

GET /templates/venues/{venueId}/switchSettings

### Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "id": "string",
  "name": "string",
  - "dns": [
    "string"
  ],
  "syslogEnabled": true,
  "syslogPrimaryServer": "string",
  "syslogSecondaryServer": "string",
  "cliApplied": true,
  - "profileId": [
    "string"
  ],
  - "switchProfileIds": [
    "string"
  ],
  - "switchCliProfileIds": [
    "string"
  ]
}
```

## Update Venue Template Switch Setting

Update the switch settings of the venue template. Use activity API with request id to get the status update.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

→ venueId  
required string

REQUEST BODY SCHEMA: application/json ▼  
required

|                       |                         |
|-----------------------|-------------------------|
| id                    | string                  |
| syslogEnabled         | boolean                 |
| syslogPrimaryServer   | string                  |
| syslogSecondaryServer | string                  |
| dns                   | Array of strings        |
| profileId             | Array of strings unique |

## Responses

> 200 OK

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

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

> **422** Validation error

> **500** Internal Server Error

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

### Request samples

#### Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "syslogEnabled": true,
  "syslogPrimaryServer": "string",
  "syslogSecondaryServer": "string",
  "dns": [
    "string"
  ],
  "profileId": [
    "string"
  ]
}
```

### Response samples

**200**

**400**

**401**

**403**

**404**

**422**

**500**

Content type

application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": {
    "id": "string",
    "name": "string",
    + "dns": [ ... ],
    "syslogEnabled": true,
    "syslogPrimaryServer": "string",
    "syslogSecondaryServer": "string",
    "cliApplied": true,
    + "profileId": [ ... ]
  }
}
```

## Web Authentication Page Template

Manage web authentication page template.

Get Web Authentication Template

Get a web authentication page template by id.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

templateId  
required string

Responses

> 200 OK

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related entity not found

> 422 Validation error

> 500 Internal Server Error

GET /webAuthPageTemplates/{templateId}

Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "name": "string",
  "webAuthUserIdLabel": "string",
  "webAuthPasswordLabel": "string",
  "webAuthCustomTitle": "string",
  "webAuthCustomTop": "string",
  "webAuthCustomLoginButton": "string",
  "webAuthCustomBottom": "string",
  "tag": "string",
  "venueCount": 0,
  "switchCount": 0,
  "switchVenueInfos": [
    + { ... }
  ],
  "webAuthPageTemplateViewList": [
    { }
  ]
}
```

# Update Web Authentication Template

Update web authentication page template by id.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

→ **templateId** string  
**required**

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

|                                   |        |                         |
|-----------------------------------|--------|-------------------------|
| → <b>id</b>                       | string | [ 0 .. 37 ] characters  |
| → <b>name</b><br><b>required</b>  | string | [ 0 .. 32 ] characters  |
| → <b>webAuthPasswordLabel</b>     | string | [ 0 .. 32 ] characters  |
| → <b>webAuthCustomTitle</b>       | string | [ 0 .. 128 ] characters |
| → <b>webAuthCustomTop</b>         | string | [ 0 .. 255 ] characters |
| → <b>webAuthCustomLoginButton</b> | string | [ 0 .. 32 ] characters  |
| → <b>webAuthCustomBottom</b>      | string | [ 0 .. 255 ] characters |
| → <b>tag</b>                      | string | [ 0 .. 255 ] characters |
| → <b>tenantId</b>                 | string |                         |

## Responses

> **200** OK

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

**PUT** /webAuthPageTemplates/{templateId} ▼

## Request samples

Payload

Content type  
application/json

application/json

Copy

```
{
  "id": "string",
  "name": "string",
  "webAuthPasswordLabel": "string",
  "webAuthCustomTitle": "string",
  "webAuthCustomTop": "string",
  "webAuthCustomLoginButton": "string",
  "webAuthCustomBottom": "string",
  "tag": "string",
  "tenantId": "string"
}
```

Response samples

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

Content type

application/json



Copy Expand all Collapse all

```
{
  "id": "string",
  "name": "string",
  "webAuthUserIdLabel": "string",
  "webAuthPasswordLabel": "string",
  "webAuthCustomTitle": "string",
  "webAuthCustomTop": "string",
  "webAuthCustomLoginButton": "string",
  "webAuthCustomBottom": "string",
  "tag": "string",
  "venueCount": 0,
  "switchCount": 0,
  "switchVenueInfos": [
    + { ... }
  ],
  "webAuthPageTemplateViewList": [
    { }
  ]
}
```

Delete Web Authentication Template

Delete web authentication page template by id.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

templateId  
required string

Responses

> 200 OK

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related entity not found

> 422 Validation error

> 500 Internal Server Error

DELETE /webAuthPageTemplates/{templateId}

### Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy Expand all Collapse all

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

## Add Web Authentication Template

Add web authentication page template.

AUTHORIZATIONS: > jwtAuth

REQUEST BODY SCHEMA: application/json

required

|                          |        |                         |
|--------------------------|--------|-------------------------|
| id                       | string | [ 0 .. 37 ] characters  |
| name                     | string | [ 0 .. 32 ] characters  |
| webAuthPasswordLabel     | string | [ 0 .. 32 ] characters  |
| webAuthCustomTitle       | string | [ 0 .. 128 ] characters |
| webAuthCustomTop         | string | [ 0 .. 255 ] characters |
| webAuthCustomLoginButton | string | [ 0 .. 32 ] characters  |
| webAuthCustomBottom      | string | [ 0 .. 255 ] characters |
| tag                      | string | [ 0 .. 255 ] characters |

tenantId

string

## Responses

> **200** OK

> **201** Created

> **400** Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

**POST** /webAuthPageTemplates

### Request samples

#### Payload

Content type

application/json

Copy

```
{
  "id": "string",
  "name": "string",
  "webAuthPasswordLabel": "string",
  "webAuthCustomTitle": "string",
  "webAuthCustomTop": "string",
  "webAuthCustomLoginButton": "string",
  "webAuthCustomBottom": "string",
  "tag": "string",
  "tenantId": "string"
}
```

### Response samples

**200**

**201**

**400**

**401**

**403**

**404**

**422**

**500**

Content type

application/json

Copy

Expand all

Collapse all

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



```
"webAuthUserIdLabel": "string",
"webAuthPasswordLabel": "string",
"webAuthCustomTitle": "string",
"webAuthCustomTop": "string",
"webAuthCustomLoginButton": "string",
"webAuthCustomBottom": "string",
"tag": "string",
"venueCount": 0,
"switchCount": 0,
- "switchVenueInfos": [
  + { ... }
],
- "webAuthPageTemplateViewList": [
  { }
]
}
```

## Query Web Authentication Templates

List of tenant's web authentication page templates.

AUTHORIZATIONS: > jwtAuth

REQUEST BODY SCHEMA: application/json   
required

|           |                              |
|-----------|------------------------------|
| fields    | Array of strings             |
| page      | integer <int32>              |
| pageSize  | integer <int32>              |
| sortField | string                       |
| sortOrder | string<br>Enum: "ASC" "DESC" |

### Responses

> 200 OK

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related entity not found

> 422 Validation error

> 500 Internal Server Error

POST /webAuthPageTemplates/query 

Request samples

## Request samples

### Payload

#### Content type

application/json

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```
{
  "fields": [
    "string"
  ],
  "page": 0,
  "pageSize": 0,
  "sortField": "string",
  "sortOrder": "ASC"
}
```

## Response samples

200

400

401

403

404

422

500

#### Content type

application/json

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```
{
  "id": "string",
  "data": [
    { }
  ],
  "fields": [
    "string"
  ],
  "page": 0,
  "totalCount": 0,
  "totalPages": 0
}
```

## Get Web Authentication Template's Switch Info

Get a web authentication page template's switch info by id.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

→ templateId  
required

string

## Responses

> 200 OK

> 400 Bad/malformed request

> **401** Unauthorized

> **403** Forbidden

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

> **422** Validation error

> **500** Internal Server Error

GET /webAuthPageTemplates/{templateId}/switches

### Response samples

200

400

401

403

404

422

500

Content type

application/json

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```
{
  "id": "string",
  "name": "string",
  "webAuthUserIdLabel": "string",
  "webAuthPasswordLabel": "string",
  "webAuthCustomTitle": "string",
  "webAuthCustomTop": "string",
  "webAuthCustomLoginButton": "string",
  "webAuthCustomBottom": "string",
  "tag": "string",
  "venueCount": 0,
  "switchCount": 0,
  "switchVenueInfos": [
    + { ... }
  ],
  "webAuthPageTemplateViewList": [
    { }
  ]
}
```