

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.

Query AAA Servers Deprecated

List of venue's authentication, authorization, and accounting servers. This method will be removed no sooner than 06/30/2026. The following URL /venues/{venueId}/aaaServers/query can be used for this content.

AUTHORIZATIONS: > jwtAuth

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"
venueId	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/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",
  "venueId": "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 AAA Server-Setting **Deprecated**

Get a switch's authentication, authorization, and accounting server setting. This method will be removed no sooner than 06/30/2026. The following URL /venues/{venueId}/aaaServers/{aaaServerId} can be used for this content.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

aaaServerId
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/aaaServers/{aaaServerId}

Response samples

200

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 Server Deprecated

Delete authentication, authorization, and accounting server by id. This method will be removed no sooner than 06/30/2026. The following URL /venues/{venueId}/aaaServers/{aaaServerId} can be used for this content.

[AUTHORIZATIONS](#): >

jwtAuth

PATH PARAMETERS

aaaServerId
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/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"
  }
}
```

Delete AAA Servers Deprecated

Delete multiple authentication, authorization, and accounting servers. This method will be removed no sooner than 06/30/2026. The following URL /venues/{venueId}/aaaServers can be used for this content.

AUTHORIZATIONS: > jwtAuth

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/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"  
  }  
}
```

AAA Setting

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

Update AAA Setting Deprecated

Update authentication, authorization, and accounting setting by id. Use activity API with request id to get the status update. This method will be removed no sooner than 06/30/2026. The following URL /venues/{venueId}/aaaSettings can be used for this content.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

venueId required	string
aaaSettingId required	string

REQUEST BODY SCHEMA: application/json 

required

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/{aaaSettingId}

Request samples

Payload

Content type

application/json

Copy

```
{
  "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"
    }
  }
}
```

Command-Line Interface Template

Manage command-line interface templates.

Get Command-Line Interface Templates Deprecated

Get a list of command-line interface templates. This method will be removed no sooner than 06/30/2026. The following URL `/cliTemplates/{cliTemplateId}` can be used for this content.

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 /cliTemplates

Response samples

200

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

Configuration History

Retrieve configuration history.

Get Configuration History Deprecated

Query for configuration history details on this switch. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/switches/{switchId}/configHistDetails/query` can be used for this content.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

switchId
required string

REQUEST BODY SCHEMA: application/json
required

filterByStatus	string Enum: "ALL" "SUCCESS" "FAILED" "NOTIFY_SUCCESS"
sortInfo >	object (ConfigurationHistoryDetailSortInfo)
filterByConfigType	string
page	integer <int32>
limit	integer <int32>
pageSize	integer <int32>
sortField	string Enum: "startTime" "configType" "dispatchStatus"
sortOrder	string 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 /switches/{switchId}/configHistDetails/query

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 **Deprecated**

Get the configuration history details of this transaction on this switch. This method will be removed no sooner than 06/30/2026. The following URL /venues/{venueId}/switches/{switchId}/transactions/{transactionId}/configHistDetails can be used for this content.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

switchId 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 /switches/{switchId}/transactions/{transactionId}/configHistDetails

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.

Update DHCP Server-Setting Deprecated

Update switch's DHCP server setting. This method will be removed no sooner than 06/30/2026. The following URL /venues/{venueId}/switches/{switchId}/dhcpServers/{dhcpServerId} can be used for this content.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

switchId	string
required	
REQUEST BODY SCHEMA: application/json	
required	
id	string
poolName	string
network	string
defaultRouterIp	string
excludedEnd	string
excludedStart	string
leaseDays	integer <int32>
leaseHrs	integer <int32>
leaseMins	integer <int32>
dhcpOptions	Array of objects (DhcpOptionBo)
subnetAddress	string ^(?::(?:25[0-5] 2[0-4][0-9] [01]?[0-9][0-9]?)\... Show pattern
subnetMask	string ^(?::(?:255\.){3}(?:252 248 240 224 192 128\... Show pattern
switchId	string
prefixLength	string
dhcpServerEnabled	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 /switches/{switchId}/dhcpServers

Request samples

Payload

Content type

application/json

Copy Expand all Collapse all

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

Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy Expand all Collapse all

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

Add DHCP Server Deprecated

Add switch's DHCP server settings. Use activity API with request id to get the status update. This method will be removed no sooner than 06/30/2026. The following URL /venues/{venueId}/switches/{switchId}/dhcpServers can be used for this content.

[AUTHORIZATIONS:](#) >

jwtAuth

PATH PARAMETERS

→ switchId
required string

REQUEST BODY SCHEMA: application/json
required

id	string
poolName	string
network	string
defaultRouterIp	string
excludedEnd	string
excludedStart	string
leaseDays	integer <int32>
leaseHrs	integer <int32>
leaseMins	integer <int32>
dhcpOptions >	Array of objects (DhcpOptionBo)
subnetAddress	string <code>^(?:(:25[0-5] 2[0-4][0-9] [01]?[0-9][0-9]?)\... Show pattern</code>
subnetMask	string <code>^(?:(:255\.){3}(:252 248 240 224 192 128\... Show pattern</code>
switchId	string
prefixLength	string
dhcpServerEnabled	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

POST /switches/{switchId}/dhcpServers

Request samples

Payload

Content type

application/json

Copy Expand all Collapse all

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

Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy Expand all Collapse all

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

Delete DHCP Servers Deprecated

Delete switch's DHCP servers. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/switches/{switchId}/dhcpServers` can be used for this content.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

switchId
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 /switches/{switchId}/dhcpServers

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 DHCP Servers Deprecated

List of ICX's DHCP servers. This method will be removed no sooner than 06/30/2026. The following URL /venues/{venueId}/switches/{switchId}/dhcpServers/query can be used for this content.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

switchId string
required

REQUEST BODY SCHEMA: application/json
required

fields Array of strings
page integer <int32>
pageSize integer <int32>
sortField string
sortOrder string
Enum: "ASC" "DESC"
venueId 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 /switches/{switchId}/dhcpServers/query

Request samples

Payload

Content type
application/json

CopyExpand allCollapse all

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

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
}
```

Update DHCP Server

Deprecated

Change switch's DHCP server state. Use activity API with request id to get the status update. This method will be removed no sooner than 06/30/2026.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

switchId

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

POST /switches/{switchId}/dhcpServerStateSettings

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

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

Query DHCP Servers Deprecated

List of venue's DHCP servers. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/switches/{switchId}/dhcpServers/query` can be used for this content.

AUTHORIZATIONS: >

jwtAuth

REQUEST BODY SCHEMA: application/json ▾

required

fields	Array of strings
page	integer <int32>
pageSize	integer <int32>
sortField	string
sortOrder	string Enum: "ASC" "DESC"
venueId	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 /switches/dhcpServers/query ▾

Request samples

Payload

Content type

application/json ▾

Copy Expand all Collapse all

```
{
  "fields": [
    "string"
  ],
  "page": 0,
  "pageSize": 0,
  "sortField": "string",
  "sortOrder": "ASC",
  "venueId": "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 DHCP Server-Setting Deprecated

Get switch's DHCP server setting. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/switches/{switchId}/dhcpServers/{dhcpServerId}` can be used for this content.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

→ 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 /switches/dhcpServers/{dhcpServerId}

Response samples

200

400

401

403

404

422

500

Content type

Content type
application/json

Copy Expand all Collapse all

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

Delete DHCP Server-Setting Deprecated

Delete switch's DHCP server setting. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/switches/{switchId}/dhcpServers/{dhcpServerId}` can be used for this content.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

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

DELETE /switches/{switchId}/dhcpServers/{dhcpServerId}

Response samples

200400401403404422500

Content type

application/json

CopyExpand allCollapse all

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

ICX Switch

Manage ICX Switches.

Get ICX SwitchDeprecated

Get ICX switch by id. This method will be removed no sooner than 06/30/2026. The following URL /venues/{venueId}/switches/{switchId} can be used for this content.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

switchId
requiredstring

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 /switches/{switchId}

Response samples

200400401403404422500

Content type

application/json

```

{
  "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
}

```

Update ICX Switch Deprecated

Update ICX switch. Use activity API with request id to get the status update. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/switches/{switchId}` can be used for this content.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

switchId
required

string

REQUEST BODY SCHEMA: application/json
required

id	string
model	string Enum: "ICX7150-24" "ICX7150-24P" "ICX7150-48" "ICX7150-48P" "ICX7150-48PF" "ICX7150-48ZP" "ICX7150-C12P" "ICX7150-C10ZP" "ICX7150-C08P" "ICX7150-C08PT" "ICX7150-24F" "ICX7250-48" "ICX7650-48ZP" "ICX7650-48P" "ICX7650-48F" "ICX7850-32Q" "ICX7850-48FS" "ICX7850-48F" "ICX7850-48C" "ICX7550-24" "ICX7550-48" "ICX7550-24P" "ICX7550-48P" "ICX7550-24ZP" "ICX7550-48ZP" "ICX7550-24F" "ICX7550-48F" "ICX7550-24XZP" "ICX8200-24" "ICX8200-24P" "ICX8200-24F" "ICX8200-24FX" "ICX8200-24ZP" "ICX8200-48" "ICX8200-48F" "ICX8200-48P" "ICX8200-48PF" "ICX8200-48PF2" "ICX8200-48ZP2" "ICX8200-C08P" "ICX8200-C08PDC" "ICX8200-C08PF" "ICX8200-C08PT" "ICX8200-C08ZP" "ICX8100-24" "ICX8100-24P" "ICX8100-48" "ICX8100-48P" "ICX8100-C08PF" "ICX8100-48PF" "ICX8100-24-X" "ICX8100-48-X" "ICX8100-24P-X" "ICX8100-48P-X" "ICX8100-C08PF-X" "ICX8100-48PF-X" "ICX7150-24-ES-P0E" "ICX7150-48-ES-P0E" "ICX7150-C12-ES-P0E" "ICX8200-24PV" "ICX8200-C08PFV" "ICX8100-C16P" "ICX8100-C16P-X"
venueId	string
initialVlanId	integer <int32>
enableStack	boolean
defaultGateway	string
description	string
dhcpClientEnabled	boolean
dhcpServerEnabled	boolean
firmwareVersion	string
igmpSnooping	string
ipAddress	string
ipAddressInterface	string
ipAddressInterfaceType	string
ipAddressType	string Enum: "static" "dynamic"
jumboMode	boolean
lastDataSyncTime	string <date-time>
lastDataSyncTriggerTime	string <date-time>
name	string
position	string

previousMembers	Array of strings unique
softDeletedDate	string <date-time>
spanningTreePriority	integer <int32>
stackConfigTimestamp	string
stackMembers >	Array of objects (StackMembers)
displayOfStack	string
subnetMask	string
syncDataEndTime	string <date-time>
syncDataId	string
syncDataStartTime	string <date-time>
tags	string
trustPorts	Array of strings
specifiedType	string Enum: "AUTO" "SWITCH" "ROUTER"
rearModule	string
vlanCustomize	boolean
stackMembersAndFilterActiveId >	Array of objects (StackMembers)

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 /switches/{switchId}

Request samples

Payload

Content type
application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "model": "ICX7150-24",
  "venueId": "string",
  "initialVlanId": 0,
  "enableStack": true,
  "defaultGateway": "string",
  "description": "string",
  "dhcpClientEnabled": true,
  "dhcpServerEnabled": true,
  "firmwareVersion": "string",
  "igmpSnooping": "string",
  "ipAddress": "string",
  "ipAddressInterface": "string",
  "ipAddressInterfaceType": "string",
  "ipAddressType": "static",
  "jumboMode": true,
  "lastDataSyncTime": "2019-08-24T14:15:22Z",
  "lastDataSyncTriggerTime": "2019-08-24T14:15:22Z",
  "name": "string",
  "position": "string",
  - "previousMembers": [
    "string"
  ],
  "softDeletedDate": "2019-08-24T14:15:22Z",
  "spanningTreePriority": 0,
  "stackConfigTimestamp": "string",
  - "stackMembers": [
    + { ... }
  ],
  "displayOfStack": "string",
  "subnetMask": "string",
  "syncDataEndTime": "2019-08-24T14:15:22Z",
  "syncDataId": "string",
  "syncDataStartTime": "2019-08-24T14:15:22Z",
  "tags": "string",
  - "trustPorts": [
    "string"
  ],
  "specifiedType": "AUTO",
  "rearModule": "string",
  "vlanCustomize": true,
  - "stackMembersAndFilterActiveId": [
    + { ... }
  ]
}
```

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
}

```

Delete ICX Switch Deprecated

Delete ICX switch by id. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/switches/{switchId}` can be used for this content.

AUTHORIZATIONS: > `jwtAuth`

PATH PARAMETERS

→ `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

DELETE /switches/{switchId}

Response samples

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

Content type
application/json

Copy Expand all Collapse all

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

Get ICX Switches Deprecated

List of tenant's ICX switches. This method will be removed no sooner than 06/30/2026. The following URL /venues/{venueId}/switches can be used for this content.

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 /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 Deprecated

Add multiple ICX switches. Use activity API with request id to get the status update. This method will be removed no sooner than 06/30/2026. The following URL /venues/{venueId}/switches can be used for this content.

AUTHORIZATIONS: > jwtAuth

REQUEST BODY SCHEMA: application/json required

Array [

id

string

model

string

Enum: "ICX7150-24" "ICX7150-24P" "ICX7150-48" "ICX7150-48P" "ICX7150-48PF" "ICX7150-48ZP" "ICX7150-C12P" "ICX7150-C10ZP" "ICX7150-C08P" "ICX7150-C08PT" "ICX7150-24F" "ICX7250-48" "ICX7650-48ZP" "ICX7650-48P" "ICX7650-48F" "ICX7850-32Q" "ICX7850-48FS" "ICX7850-48F" "ICX7850-48C" "ICX7550-24" "ICX7550-48" "ICX7550-24P" "ICX7550-48P" "ICX7550-24ZP" "ICX7550-48ZP" "ICX7550-24F" "ICX7550-48F" "ICX7550-24XZP" "ICX8200-24" "ICX8200-24P" "ICX8200-24F" "ICX8200-24FX" "ICX8200-24ZP" "ICX8200-48" "ICX8200-48F" "ICX8200-48P" "ICX8200-48PF" "ICX8200-48PF2" "ICX8200-48ZP2" "ICX8200-C08P" "ICX8200-C08PDC" "ICX8200-C08PF" "ICX8200-C08PT" "ICX8200-C08ZP" "ICX8100-24" "ICX8100-24P" "ICX8100-48" "ICX8100-48P" "ICX8100-C08PF" "ICX8100-48PF" "ICX8100-24-X" "ICX8100-48-X" "ICX8100-24P-X" "ICX8100-48P-X" "ICX8100-C08PF-X" "ICX8100-48PF-X" "ICX7150-24-ES-POE" "ICX7150-48-ES-POE" "ICX7150-C12-ES-POE" "ICX8200-24PV" "ICX8200-C08PFV" "ICX8100-C16P" "ICX8100-C16P-X"

venueId

string

initialVlanId

integer <int32>

enableStack

boolean

defaultGateway

string

description

string

dhcpClientEnabled

boolean

dhcpServerEnabled

boolean

firmwareVersion

string

igmpSnooping

string

ipAddress

string

ipAddressInterface

string

ipAddressInterfaceType

string

ipAddressType	string Enum: "static" "dynamic"
jumboMode	boolean
lastDataSyncTime	string <date-time>
lastDataSyncTriggerTime	string <date-time>
name	string
position	string
previousMembers	Array of strings unique
softDeletedDate	string <date-time>
spanningTreePriority	integer <int32>
stackConfigTimestamp	string
stackMembers >	Array of objects (StackMembers)
displayOfStack	string
subnetMask	string
syncDataEndTime	string <date-time>
syncDataId	string
syncDataStartTime	string <date-time>
tags	string
trustPorts	Array of strings
specifiedType	string Enum: "AUTO" "SWITCH" "ROUTER"
rearModule	string
vlanCustomize	boolean
stackMembersAndFilterActiveId >	Array of objects (StackMembers)

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 /switches

Request samples

Payload

Content type

application/json

Copy Expand all Collapse all

```
[
  - {
    "id": "string",
    "model": "ICX7150-24",
    "venueId": "string",
    "initialVlanId": 0,
    "enableStack": true,
    "defaultGateway": "string",
    "description": "string",
    "dhcpClientEnabled": true,
    "dhcpServerEnabled": true,
    "firmwareVersion": "string",
    "igmpSnooping": "string",
    "ipAddress": "string",
    "ipAddressInterface": "string",
    "ipAddressInterfaceType": "string",
    "ipAddressType": "static",
    "jumboMode": true,
    "lastDataSyncTime": "2019-08-24T14:15:22Z",
    "lastDataSyncTriggerTime": "2019-08-24T14:15:22Z",
    "name": "string",
    "position": "string",
    + "previousMembers": [ ... ],
    "softDeletedDate": "2019-08-24T14:15:22Z",
    "spanningTreePriority": 0,
    "stackConfigTimestamp": "string",
    + "stackMembers": [ ... ],
    "displayOfStack": "string",
    "subnetMask": "string",
    "syncDataEndTime": "2019-08-24T14:15:22Z",
    "syncDataId": "string",
    "syncDataStartTime": "2019-08-24T14:15:22Z",
    "tags": "string",
    + "trustPorts": [ ... ],
    "specifiedType": "AUTO",
    "rearModule": "string",
    "vlanCustomize": true,
    + "stackMembersAndFilterActiveId": [ ... ]
  }
]
```

Response samples

200400401403404422500

Content type

application/json

CopyExpand allCollapse all

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

Delete ICX Switches Deprecated

Delete multiple ICX switches. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/switches` can be used for this content.

AUTHORIZATIONS: > jwtAuth

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 /switches

Request samples

Payload

Content type

application/json

Copy

```
[  "string"
```

string

}

Response samples

200

400

401

403

404

422

500

Content type

application/json

CopyExpand allCollapse all

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

Sync/Reboot ICX Device

Deprecated

Execute sync or reboot command on the specified switch device, no need to provide switch id list on the request body. This method will be removed no sooner than 06/30/2026. The following URL /venues/{venueId}/switches/{switchId}/deviceRequests can be used for this content.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

switchId

required

string

REQUEST BODY SCHEMA: application/json

required

deviceRequestAction

string

Enum: "sync" "reboot" "syncAdminPassword"

switchIdList

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 /switches/{switchId}/deviceRequests

Request samples

Payload

Content type
application/json

Copy Expand all Collapse all

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

Response samples

200

400

401

403

404

422

500

Content type
application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "errors": [
    + { ... }
  ]
}
```

Create Multiple Device Requests Deprecated

Execute sync venues admin password on multiple switch devices, switch id list should be provided on the request body. This method will be removed no sooner than 06/30/2026.

AUTHORIZATIONS: > jwtAuth

REQUEST BODY SCHEMA: application/json

required

deviceRequestAction	string Enum: "sync" "reboot" "syncAdminPassword"
switchIdList	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 /switches/deviceRequests

Request samples

Payload

Content type

application/json

Copy Expand all Collapse all

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

Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "tenantId": "string",
  "switchIdList": [
    "string"
  ]
}
```

Delete Stack Member **Deprecated**

Delete stack member. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/stacks/{stackSwitchSerialNumber}` can be used for this content.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

→ stackSwitchSerialNumber 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

DELETE /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 Deprecated

Add switches by CSV file. Use activity API with request id to get the status update. This method will be removed no sooner than 06/30/2026. The following URL /venues/{venueId}/switches/importRequests can be used for this content.

AUTHORIZATIONS: > jwtAuth

REQUEST BODY SCHEMA: multipart/form-data

file

required

string <binary>

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/switches

Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy Expand all Collapse all

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

LAG

Manage LAGs (link aggregation groups).

Get LAG **Deprecated**

Get LAG setting by id. This method will be removed no sooner than 06/30/2026. The following URL /venues/{venueId}/switches/{switchId}/lags/{lagId} can be used for this content.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

lagId
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 /switches/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",
  "switchId": "string",
  "tenantId": "string",
  - "addPorts": [
    "string"
  ],
  - "removePorts": [
    "string"
  ],
  - "portVlans": [
    + { ... }
  ],
  - "portAddVlans": [
    + { ... }
  ],
  "lastName": "string",
  "realRemove": true,
  "defaultVlanId": "string",
  "originalUntaggedVlan": "string",
  - "lagViewList": [
    { }
  ]
}
```

Update LAG Deprecated

Update switch's LAG setting. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/switches/{switchId}/lags/{lagId}` can be used for this content.

PATH PARAMETERS

lagId
required string

REQUEST BODY SCHEMA: application/json required

id string

lagId integer <int32>

name string ^(?:?!".){1,64}\$

type string
Enum: "static" "dynamic"

ports Array of strings unique

taggedVlans Array of strings unique

untaggedVlan string

switchId string

addPorts Array of strings

removePorts Array of strings

portVlans > Array of objects (LagPortVlanBo)

portAddVlans > Array of objects (LagPortVlanBo)

lastName string

defaultVlanId string

originalUntaggedVlan string

forceUpPort string

dynamicLag boolean

Responses

> 200 OK

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related entity not found

> 422 Validation error

PUT /switches/lags/{lagId}

Request samples

Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "lagId": 0,
  "name": "string",
  "type": "static",
  - "ports": [
    "string"
  ],
  - "taggedVlans": [
    "string"
  ],
  "untaggedVlan": "string",
  "switchId": "string",
  - "addPorts": [
    "string"
  ],
  - "removePorts": [
    "string"
  ],
  - "portVlans": [
    + { ... }
  ],
  - "portAddVlans": [
    + { ... }
  ],
  "lastName": "string",
  "defaultVlanId": "string",
  "originalUntaggedVlan": "string",
  "forceUpPort": "string",
  "dynamicLag": true
}
```

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": [
```

```
- "ports": [
  "string"
],
- "taggedVlans": [
  "string"
],
"untaggedVlan": "string",
"switchId": "string",
"tenantId": "string",
- "addPorts": [
  "string"
],
- "removePorts": [
  "string"
],
- "portVlans": [
  + { ... }
],
- "portAddVlans": [
  + { ... }
],
"lastName": "string",
"realRemove": true,
"defaultVlanId": "string",
"originalUntaggedVlan": "string",
- "lagViewList": [
  { }
]
}
```

Delete LAG Deprecated

Delete switch's LAG setting. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/switches/{switchId}/lags/{lagId}` can be used for this content.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

→ lagId 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 /switches/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 Deprecated

List of switch's LAG settings. This method will be removed no sooner than 06/30/2026. The following URL /venues/{venueId}/switches/{switchId}/lags can be used for this content.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

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 /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": [
    "string"
  ],
  - "taggedVlans": [
    "string"
  ],
  "untaggedVlan": "string",
  "switchId": "string",
  "tenantId": "string",
  - "addPorts": [
    "string"
  ],
  - "removePorts": [
    "string"
  ],
  - "portVlans": [
    + { ... }
  ],
  - "portAddVlans": [
    + { ... }
  ],
  "lastName": "string",
  "realRemove": true,
  "defaultVlanId": "string",
  "originalUntaggedVlan": "string",
  - "lagViewList": [
    { }
  ]
}
```

Add LAGs Deprecated

Add switch's multiple LAG settings. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/switches/{switchId}/lags` can be used for this content.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

→ switchId
required string

REQUEST BODY SCHEMA: application/json ▼
required

Array [
└ id string
└ lagId integer <int32>

name	string <code>^(?: (?!") .){1,64}\$</code>
type	string Enum: <code>"static"</code> <code>"dynamic"</code>
ports	Array of strings <code>unique</code>
taggedVlans	Array of strings <code>unique</code>
untaggedVlan	string
switchId	string
addPorts	Array of strings
removePorts	Array of strings
portVlans >	Array of objects (LagPortVlanBo)
portAddVlans >	Array of objects (LagPortVlanBo)
lastName	string
defaultVlanId	string
originalUntaggedVlan	string
forceUpPort	string
dynamicLag	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

POST /switches/{switchId}/lags

Request samples

Payload

Content type

application/json

Copy Expand all Collapse all

```
[
- {
  "id": "string",
  "lagId": 0,
  "name": "string",
  "type": "static",
+ "ports": [ ... ],
+ "taggedVlans": [ ... ],
  "untaggedVlan": "string",
  "switchId": "string",
+ "addPorts": [ ... ],
+ "removePorts": [ ... ],
+ "portVlans": [ ... ],
+ "portAddVlans": [ ... ],
  "lastName": "string",
  "defaultVlanId": "string",
  "originalUntaggedVlan": "string",
  "forceUpPort": "string",
  "dynamicLag": true
}
]
```

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",
  "switchId": "string",
  "tenantId": "string",
- "addPorts": [
    "string"
  ],
- "removePorts": [
    "string"
  ],
- "portVlans": [
    + { ... }
  ],
- "portAddVlans": [
    + { ... }
  ],
}
```

```
"lastName": "string",
"realRemove": true,
"defaultVlanId": "string",
"originalUntaggedVlan": "string",
- "lagViewList": [
  { }
]
}
```

Delete LAGs Deprecated

Delete switch's multiple LAG settings. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/switches/{switchId}/lags` can be used for this content.

AUTHORIZATIONS: > jwtAuth

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 /switches/lags ▼

Request samples

Payload

Content type
application/json ▼

Copy

```
[
  "string"
]
```

Response samples

200400401403404422500

Content type

application/json

CopyExpand allCollapse all

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

Profile

Manage switch profiles.

Get Switch Profiles

Deprecated

Get multiple regular switch profiles or command-line interface profiles. This method will be removed no sooner than 06/30/2026. The following URL /venues/{venueId}/switchProfiles can be used for this content.

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 /switchProfiles

Response samples

200400401403404422500

Content type

application/json

CopyExpand allCollapse 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
}

```

Delete Switch Profiles Deprecated

Delete multiple regular switch profiles or command-line interface profiles. This method will be removed no sooner than 06/30/2026. The following URL `/switchProfiles/{switchProfileId}` can be used for this content.

AUTHORIZATIONS: > `jwtAuth`

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 /switchProfiles

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 ACL

Manage ACL (access control list) of switch profile.

Get ACL **Deprecated**

Get the ACL of the switch profile. This method will be removed no sooner than 06/30/2026.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

switchProfileId
required

string

aclId
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}/acls/{aclId}

Response samples

200400401403404422500

Content type

application/json

CopyExpand allCollapse all

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

Update ACL Deprecated

Update the ACL of the switch profile. This method will be removed no sooner than 06/30/2026.

AUTHORIZATIONS:	>	jwtAuth
PATH PARAMETERS		
switchProfileId	string	
required		
aclId	string	
required		
REQUEST BODY SCHEMA: application/json		
required		
id	string	

switchId	string
name	string
aclType	string Enum: "standard" "extended" "IPv6"
aclRules >	Array of objects (AclRuleBo) unique
uniqueName	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 /switchProfiles/{switchProfileId}/acIs/{aclId}

Request samples

Payload

Content type
application/json

Copy Expand all Collapse all

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

Response samples

200

400

401

403

404

422

500

Content type
application/json

CopyExpand allCollapse all

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

Delete ACL Deprecated

Delete ACL of the switch profile. This method will be removed no sooner than 06/30/2026.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

switchProfileId required	string
aclId 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 /switchProfiles/{switchProfileId}/acIs/{aclId} ▾

Response samples

200400401403404422500

Content type
application/json ▾

CopyExpand allCollapse all

```
{
```

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

Get ACLs Deprecated

Get multiple ACLs of the switch profile. This method will be removed no sooner than 06/30/2026.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

→ switchProfileId
required string

QUERY PARAMETERS

→ page integer <int32>
→ size integer <int32>

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}/acls

Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy Expand all Collapse all

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

```
    },
    "aclViewList": [
      { }
    ]
  }
}
```

Add ACL Deprecated

Add the ACL of the switch profile. This method will be removed no sooner than 06/30/2026.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

→ switchProfileId
required string

REQUEST BODY SCHEMA: application/json
required

→ id string

→ switchId string

→ name string

→ aclType string
Enum: "standard" "extended" "IPv6"

→ aclRules > Array of objects (AclRuleBo) unique

→ uniqueName 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 /switchProfiles/{switchProfileId}/acIs

Request samples

Payload

Content type

application/json

Copy Expand all Collapse all

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

Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy Expand all Collapse all

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

Delete ACLs Deprecated

Delete multiple ACLs of the switch profile. This method will be removed no sooner than 06/30/2026.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

— switchProfileId
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 /switchProfiles/{switchProfileId}/acls

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"
  }
}
```

Get ACLs **Deprecated**

Get all ACLs of switch profiles in the venue. This method will be removed no sooner than 06/30/2026.

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/acls

Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy Expand all Collapse all

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

Profile Template

Manage switch profile templates.

Get Switch Profile Templates Deprecated

Get multiple regular switch profile templates or command-line interface profile templates. This method will be removed no sooner than 06/30/2026. The following URL /templates/switchProfiles/{switchProfileId} can be used for this content.

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 /templates/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
}
```

Delete Switch Profile Templates **Deprecated**

Delete multiple regular switch profile templates or command-line interface profile templates. This method will be removed no sooner than 06/30/2026. The following URL `/templates/switchProfiles/{switchProfileId}` can be used for this content.

AUTHORIZATIONS: > jwtAuth

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/switchProfiles 

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 VLAN

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

Get Profile VLAN Deprecated

Get the specified VLAN of the switch profile. This method will be removed no sooner than 06/30/2026.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

switchProfileId 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 /switchProfiles/{switchProfileId}/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",
  "rootBridgeFamilyId": "__NULL",
  "ipv4DhcpSnooping": true,
  "ipv4DhcpSnoopingTrustPort": "string",
  "arpInspection": true,
  "arpInspectionTrustPort": "string",
  "igmpSnooping": "active",
```

```
    "multicastVersion": 0,  
    "spanningTreeProtocol": "rstp",  
    "spanningTreePriority": 0,  
    "switchFamilyModels": [  
      + { ... }  
    ]  
  }  
}
```

Update VLAN Deprecated

Update the VLAN of the switch profile. This method will be removed no sooner than 06/30/2026.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

switchProfileId required	string
vlanId required	integer <int32>

REQUEST BODY SCHEMA: application/json ▼
required

id	string
vlanId required	integer <int32> [1 .. 4095]
vlanName	string
rootBridgeFamilyId	string Enum: "__NULL" "ICX7150" "ICX7250" "ICX7650" "ICX7850" "ICX7550" "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 Enum: "active" "passive" "none"
multicastVersion	integer <int32> [0 .. 3]
spanningTreeProtocol	string 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 required	boolean
deleteVlanEnabled	boolean
notDummyVlan	boolean
defaultVlan	boolean
igmpSnoopingTypeChanged	boolean
dummyVlan	boolean
switchVlanPortModel >	object (SwitchVlanPortModelBo)
rapidSpanningTreeProtocol	boolean
taggedPortsList	Array of strings
untaggedPortsList	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 /switchProfiles/{switchProfileId}/vlans/{vlanId}

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,
    "notDummyVlan": true,
    "defaultVlan": true,
    "igmpSnoopingTypeChanged": true,
    "dummyVlan": true,
    - "switchVlanPortModel": {
        "id": "string",
        "switchModel": "ICX7150-24",
        "taggedPorts": "string",
        "untaggedPorts": "string",
        "voicePorts": "string",
        + "taggedPortsList": [ ... ],
        + "untaggedPortsList": [ ... ],
        + "voicePortsList": [ ... ]
    },
    "rapidSpanningTreeProtocol": true,
    - "taggedPortsList": [
        "string"
    ],
    - "untaggedPortsList": [
        "string"
    ]
}
```

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

Delete Profile VLAN Deprecated

Delete the specified VLAN of the switch profile. This method will be removed no sooner than 06/30/2026.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

switchProfileId 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

DELETE /switchProfiles/{switchProfileId}/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"
  }
}
```

Get VLANs

Deprecated

List all of VLANs in profiles with the specified venue and the specific model. This method will be removed no sooner than 06/30/2026.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

venueId
required string

QUERY PARAMETERS

model
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}/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": [
    + { ... }
  ]
}
```

Retrieve Untagged-VLANs Deprecated

List of venues switch-profile VLANs with specific model and untagged port. This method will be removed no sooner than 06/30/2026.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

venueId string
required

REQUEST BODY SCHEMA: application/json
required

model string
Enum: "ICX7150-24" "ICX7150-24P" "ICX7150-48" "ICX7150-48P" "ICX7150-48PF" "ICX7150-48ZP" "ICX7150-C12P" "ICX7150-C10ZP" "ICX7150-C08P" "ICX7150-C08PT" "ICX7150-24F" "ICX7250-48" "ICX7650-48ZP" "ICX7650-48P" "ICX7650-48F" "ICX7850-32Q" "ICX7850-48FS" "ICX7850-48F" "ICX7850-48C" "ICX7550-24" "ICX7550-48" "ICX7550-24P" "ICX7550-48P" "ICX7550-24ZP" "ICX7550-48ZP" "ICX7550-24F" "ICX7550-48F" "ICX7550-24XZP" "ICX8200-24" "ICX8200-24P" "ICX8200-24F" "ICX8200-24FX" "ICX8200-24ZP" "ICX8200-48" "ICX8200-48F" "ICX8200-48P" "ICX8200-48PF" "ICX8200-48PF2" "ICX8200-48ZP2" "ICX8200-C08P" "ICX8200-C08PDC" "ICX8200-C08PF" "ICX8200-C08PT" "ICX8200-C08ZP" "ICX8100-24" "ICX8100-24P" "ICX8100-48" "ICX8100-48P" "ICX8100-C08PF" "ICX8100-48PF" "ICX8100-24-X" "ICX8100-48-X" "ICX8100-24P-X" "ICX8100-48P-X" "ICX8100-C08PF-X" "ICX8100-48PF-X" "ICX7150-24-ES-POE" "ICX7150-48-ES-POE" "ICX7150-C12-ES-POE" "ICX8200-24PV" "ICX8200-C08PFV" "ICX8100-C16P" "ICX8100-C16P-X"

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}/untaggedVlans/query

Request samples

Payload

Content type
application/json

Copy

```
{
  "model": "ICX7150-24"
}
```

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

Retrieve Tagged-VLANs Deprecated

List of venues switch-profile VLANs with specific model and tagged port. This method will be removed no sooner than 06/30/2026.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

venueId
required

string

REQUEST BODY SCHEMA: application/json
required

model

string

Enum: "ICX7150-24" "ICX7150-24P" "ICX7150-48" "ICX7150-48P" "ICX7150-48PF" "ICX7150-48ZP" "ICX7150-C12P" "ICX7150-C10ZP" "ICX7150-C08P" "ICX7150-C08PT" "ICX7150-24F" "ICX7250-48" "ICX7650-48ZP" "ICX7650-48P" "ICX7650-48F" "ICX7850-32Q" "ICX7850-48FS" "ICX7850-48F" "ICX7850-48C" "ICX7550-24" "ICX7550-48" "ICX7550-24P" "ICX7550-48P" "ICX7550-24ZP" "ICX7550-48ZP" "ICX7550-24F" "ICX7550-48F" "ICX7550-24XZP" "ICX8200-24" "ICX8200-24P" "ICX8200-24F" "ICX8200-24FX" "ICX8200-24ZP" "ICX8200-48" "ICX8200-48F" "ICX8200-48P" "ICX8200-48PF" "ICX8200-48PF2" "ICX8200-48ZP2" "ICX8200-C08P" "ICX8200-C08PDC" "ICX8200-C08PF" "ICX8200-C08PT" "ICX8200-C08ZP" "ICX8100-24" "ICX8100-24P" "ICX8100-48" "ICX8100-48P" "ICX8100-C08PF" "ICX8100-48PF" "ICX8100-24-X" "ICX8100-48-X" "ICX8100-24P-X" "ICX8100-48P-X" "ICX8100-C08PF-X" "ICX8100-48PF-X" "ICX7150-24-ES-P0E" "ICX7150-48-ES-P0E" "ICX7150-C12-ES-P0E" "ICX8200-24PV" "ICX8200-C08PFV" "ICX8100-C16P" "ICX8100-C16P-X"

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}/taggedVlans/query

Request samples

Payload

Content type

application/json

Copy

```
{
  "model": "ICX7150-24"
}
```

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

Get Multiple VLANs Deprecated

Get multiple VLANs of the switch profile. This method will be removed no sooner than 06/30/2026.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

switchProfileId
required string

QUERY PARAMETERS

page integer <int32>
size integer <int32>

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}/vlangs

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

Delete Multiple VLANs Deprecated

Delete multiple VLANs of the switch profile. This method will be removed no sooner than 06/30/2026.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

switchProfileId
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 /switchProfiles/{switchProfileId}/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"  
  }  
}
```

Retrieve VLANs Deprecated

List all usable VLANs for multiple ports of the same switch. This method will be removed no sooner than 06/30/2026. The following URL /venues/{venueId}/switches/{switchId}/vlanUnions can be used for this content.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

switchId 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

/switches/{switchId}/vlanUnions

Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy

Expand all

Collapse all

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

Switch Access Control List

Manage ACLs (access control lists).

Retrieve ACLs Deprecated

Query the switch's switch-level ACLs. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/switches/{switchId}/acls/query` can be used for this content.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

→ switchId string

required

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 /switches/{switchId}/acIs/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

200400401403404422500

Content type
application/json

CopyExpand allCollapse all

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

Get ACLs Deprecated

Get all ACLs of the switch. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/switches/{switchId}/acls` can be used for this content.

AUTHORIZATIONS:	>	jwtAuth
PATH PARAMETERS		
switchId		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 /switches/{switchId}/acls

Response samples

200400401403404422500

Content type
application/json

CopyExpand allCollapse all

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

Get ACL Union Deprecated

List all usable ACLs for this switch (the union of venue and device levels). This method will be removed no sooner than 06/30/2026. The following URL /venues/{venueId}/switches/{switchId}/aclUnions can be used for this content.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

switchId
requiredstring

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 /switches/{switchId}/aclUnions

Response samples

200400401403404422500

Content type
application/json

CopyExpand allCollapse all

```
{
  "profileAcl": [
    "aclType"
  ]
}
```

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

Get ACL Deprecated

Get the ACL of the switch. This method will be removed no sooner than 06/30/2026.

AUTHORIZATIONS: > `jwtAuth`

PATH PARAMETERS

→ `aclId` 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 /switches/acls/{aclId}

Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy Expand all Collapse all

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

Switch Configuration Backup

Manage configuration backups.

Get Switch Configuration Backup Deprecated

Get a switch's configuration backup. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/switches/{switchId}/configBackups/{configBackupId}` can be used for this content.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

configBackupId
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 /switches/configBackups/{configBackupId}

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",
  "backupType": "string",
  "backupName": "string",
  "status": "string",
  "restoreStatus": "string",
  "restoreTimestamp": "string",
```

```
    "failureReason": "string",
    "config": "string",
    "switchId": "string",
    - "configBackupViewList": [
      { }
    ]
  }
}
```

Restore Switch Configuration Backup Deprecated

Restore switch's configuration backup. This method will be removed no sooner than 06/30/2026.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

→ configBackupId 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

PUT /switches/configBackups/{configBackupId} ▾

Response samples

200

400

401

403

404

422

500

Content type

application/json ▾

Copy Expand all Collapse all

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

Delete Switch Configuration Backup Deprecated

Delete switch's configuration backup by id. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/switches/{switchId}/configBackups/{configBackupId}` can be used for this content.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

→ configBackupId
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 /switches/configBackups/{configBackupId}

Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy Expand all Collapse all

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

Get Switch Configuration Backups Deprecated

List of switch's configuration backup. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/switches/{switchId}/configBackups` can be used for this content.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

→ 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 /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",
  "backupType": "string",
  "backupName": "string",
  "status": "string",
  "restoreStatus": "string",
  "restoreTimestamp": "string",
  "failureReason": "string",
  "config": "string",
  "switchId": "string",
  "configBackupViewList": [
    {}
  ]
}
```

Add Switch Configuration Backup Deprecated

Create a switch's configuration backup. This method will be removed no sooner than 06/30/2026. The following URL /venues/{venueId}/switches/{switchId}/configBackups can be used for this content.

AUTHORIZATIONS:	>	jwtAuth
PATH PARAMETERS		
switchId		string
required		

REQUEST BODY SCHEMA: application/json 
required

→ name string `^(?:(!"')\.{1,64})$`

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 /switches/{switchId}/configBackups 

Request samples

Payload

Content type
application/json 

Copy

```
{
  "name": "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 Deprecated

Query the switch's configuration backups. This method will be removed no sooner than 06/30/2026. The following URL

/venues/{venueId}/switches/{switchId}/configBackups/query can be used for this content.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

→ switchId
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 /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 Deprecated

Compare switch's configuration backups. This method will be removed no sooner than 06/30/2026. The following URL /venues/{venueId}/switches/{switchId}/configBackups/comparisons can be used for this content.

AUTHORIZATIONS: > jwtAuth

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

/switches/configBackups/comparisons

Request samples

Payload

Content type

application/json

Copy

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

Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy Expand all Collapse all

```
{  "id": "string",  "response": {    + "configBackup1": { ... },    + "configBackup2": { ... }  }
```

Delete Switch Configuration Backups Deprecated

Delete switch's configuration backups. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/switches/{switchId}/configBackups` can be used for this content.

AUTHORIZATIONS: > `jwtAuth`

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 /switches/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"
  }
}
```

Switch Firmware Upgrade

Manage firmware upgrade.

Get Venue Upgrade Statuses **Deprecated**

Get venue upgrade status by venue id for upgrading. This method will be removed no sooner than 06/30/2026.

AUTHORIZATIONS: > jwtAuth

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

venueId 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/switchFirmwares/upgradeStatusDetails/query

Request samples

Payload

Content type

application/json

Copy

```
{
  "venueId": "string"
}
```

Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "id": "string",
  "switchId": "string",
  "switchName": "string",
  "status": "string",
  "targetFirmware": "string",
  "switchStatus": "ONLINE",
  "lastStatusUpdateTime": "2019-08-24T14:15:22Z",
  "upgradeStatusDetailsViewList": [
    { }
  ]
}
```

Get Switches

Deprecated

Get all switches by tenant id for upgrading. This method will be removed no sooner than 06/30/2026. The following URL /switchFirmwares/schedules/switches/query can be used for this content.

AUTHORIZATIONS: >

jwtAuth

REQUEST BODY SCHEMA: application/json

required

search	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

/venues/switchFirmwares/switches/schedules/query

Request samples

Payload

Content type

application/json

CopyExpand allCollapse all

```
{  "search": "string",  "venueIdList": [    "string"  ]}
```

Response samples

200400401403404422500

Content type

application/json

CopyExpand allCollapse all

```
{  "id": "string",  "venueId": "string",  "venueName": "string",  "switchId": "string",  "switchName": "string",  "isStack": true,
```

```

    "model": "string",
    "currentFirmware": "string",
    - "availableVersion": {
        "id": "string",
        + "tenant": { ... },
        "name": "string",
        "category": "RECOMMENDED"
    },
    - "switchNextSchedule": {
        "id": "string",
        + "timeSlot": { ... },
        + "version": { ... },
        + "versionAboveTen": { ... }
    },
    - "venueNextSchedule": {
        "id": "string",
        + "timeSlot": { ... },
        + "version": { ... },
        + "versionAboveTen": { ... }
    },
    "preDownload": true,
    "isSwitchLevelSchedule": true,
    - "upgradeSwitchViewList": [
        { }
    ]
}

```

Create Upgrade Schedule Deprecated

Schedule the firmware upgrade for venues. Use activity API with request id to get the status update. This method will be removed no sooner than 06/30/2026. The following URL /venues/{venueId}/switchFirmwares/schedules can be used for this content.

AUTHORIZATIONS: > jwtAuth

REQUEST BODY SCHEMA: application/json ▼

required

id	string
date	string
time	string
switchVersion	string
switchVersionAboveTen	string
venueIds	Array of strings
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

POST /venues/switchFirmwares/schedules

Request samples

Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "date": "string",
  "time": "string",
  "switchVersion": "string",
  "switchVersionAboveTen": "string",
  - "venueIds": [
    "string"
  ],
  - "switchIds": [
    "string"
  ],
  "preDownload": true
}
```

Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy

```
{
  "response": "string"
}
```

Delete Upgrade Schedule **Deprecated**

Cancel the schedule for firmware upgrade. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/switchFirmwares/schedules` can be used for this content.

AUTHORIZATIONS: > `jwtAuth`

REQUEST BODY SCHEMA: `application/json` 
required

 <code>id</code>	<code>string</code>
 <code>venueIds</code>	<code>Array of strings</code>
 <code>switchIds</code>	<code>Array of strings</code>

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/switchFirmwares/schedules` 

Request samples

Payload

Content type
`application/json` 

Copy Expand all Collapse all

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

Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy

```
{
  "response": "string"
}
```

Get Venues Deprecated

Get all venues by tenant id for upgrading. This method will be removed no sooner than 06/30/2026. The following URL /switchFirmwares/schedules/query can be used for this content.

AUTHORIZATIONS: > jwtAuth

REQUEST BODY SCHEMA: application/json ▼
required

search	string
firmwareVersion	string
firmwareType	string
updateAvailable	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

POST /venues/switchFirmwares/schedules/query ▼

Request samples

Payload

Content type
application/json ▼

Copy

```
{
  "search": "string",
  "firmwareVersion": "string",
  "firmwareType": "string"
}
```

```
"firmwareType": "string",
"updateAvailable": true
}
```

Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "name": "string",
  - "switchFirmwareVersion": {
    "id": "string",
    + "tenant": { ... },
    "name": "string",
    "category": "RECOMMENDED"
  },
  - "switchFirmwareVersionAboveTen": {
    "id": "string",
    + "tenant": { ... },
    "name": "string",
    "category": "RECOMMENDED"
  },
  - "availableVersions": [
    + { ... }
  ],
  - "nextSchedule": {
    "id": "string",
    + "timeSlot": { ... },
    + "version": { ... },
    + "versionAboveTen": { ... }
  },
  "lastScheduleUpdateTime": "2019-08-24T14:15:22Z",
  "preDownload": true,
  "switchCount": 0,
  "aboveTenSwitchCount": 0,
  "status": "NONE",
  "scheduleCount": 0,
  - "upgradeVenueViewList": [
    { }
  ]
}
```

Get Versions Deprecated

Get different version type of firmware. This method will be removed no sooner than 06/30/2026. The following URL /switchFirmwares/versions/{versionType} can be used for this content.

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 /venues/switchFirmwares/versions/{versionType} ✓

Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy

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

Get Current Versions Deprecated

Get current versions of the venues. This method will be removed no sooner than 06/30/2026. The following URL /switchFirmwares/currentVersions can be used for this content.

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 /venues/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 **Deprecated**

Get switch's port settings by switch id. This method will be removed no sooner than 06/30/2026. The following URL /venues/{venueId}/switches/{switchId}/portSettings can be used for this content.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

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 /switches/{switchId}/portSettings

Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "name": "string",
  "dhcpSnoopingTrust": true,
  "arpInspectionTrust": true,
  "ignoreFields": "string",
  "ipsg": true,
  "lldpEnable": true,
  "poeBudget": 0.1,
  "poeCapability": true,
  "poeClass": "__NULL",
  "poeEnable": true,
  "poePriority": 0,
  "portEnable": true,
  "portProtected": true,
  "portSpeed": "__NULL",
  "ports": [
    "string"
  ],
  "revert": true,
  "rstpAdminEdgePort": true,
  "adminPtToPt": "AUTO",
  "stpBpduGuard": true,
  "stpRootGuard": true,
  "switchId": "string",
  "untaggedVlan": "string",
  "taggedVlans": [
    "string"
  ],
  "voiceVlan": 0,
  "lldpQos": [
    + { ... }
  ],
  "ingressAcl": "string",
  "egressAcl": "string",
  "vsixIngressAcl": "string",
  "vsixEgressAcl": "string",
  "tags": "string",
```

```
- "lag": {
  "id": "string",
  "lagId": 0,
  "name": "string",
  "type": "static",
+ "ports": [ ... ],
+ "taggedVlans": [ ... ],
  "untaggedVlan": "string",
  "switchId": "string",
  "tenantId": "string",
+ "addPorts": [ ... ],
+ "removePorts": [ ... ],
+ "portVlans": [ ... ],
+ "portAddVlans": [ ... ],
  "lastName": "string",
  "realRemove": true,
  "defaultVlanId": "string",
  "originalUntaggedVlan": "string",
+ "lagViewList": [ ... ]
},
"switchMac": "string",
```

Update Port Deprecated

Update switch's port setting. Use activity API with request id to get the status update. This method will be removed no sooner than 06/30/2026. The following URL /venues/{venueId}/switches/{switchId}/portSettings can be used for this content.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

switchId string
required

REQUEST BODY SCHEMA: application/json
required

id	string
ports	Array of strings unique
name	string
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"

authenticationType	string Enum: <code>"__NULL"</code> <code>"802.1x"</code> <code>"macauth"</code> <code>"802.1x_and_macauth"</code>
changeAuthOrder	boolean
dot1xPortControl	string Enum: <code>"__NULL"</code> <code>"auto"</code> <code>"force_authorized"</code> <code>"force_unauthorized"</code> <code>" "</code>
authDefaultVlan	integer <int32> <code>[1 .. 4095]</code>
restrictedVlan	integer <int32> <code>[1 .. 4095]</code>
criticalVlan	integer <int32> <code>[1 .. 4095]</code>
guestVlan	integer <int32> <code>[1 .. 4095]</code>
authFailAction	string Enum: <code>"__NULL"</code> <code>"block"</code> <code>"restricted_vlan"</code>
authTimeoutAction	string Enum: <code>"__NULL"</code> <code>"none"</code> <code>"failure"</code> <code>"success"</code> <code>"critical_vlan"</code>
defaultVlan >	object (SwitchVlan)
switchPortProfileId	string
adminPtToPt	string Enum: <code>"AUTO"</code> <code>"DISABLE"</code> <code>"ENABLE"</code>
portSecurity	boolean
portSecurityMaxEntries	integer <int32>
switchMacAcl	string
poeScheduler >	object (SchedulerBo)
ignoreFieldSet	Array of strings <code>unique</code>
authenticationDataByProfile >	object (AuthenticationProfile)
portSet	Array of strings <code>unique</code>

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 /switches/{switchId}/portSettings



Request samples

Payload

Content type

application/json



Copy Expand all Collapse all

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

```

- "defaultVlan": {
    "id": "string",
    + "tenant": { ... },
    "vlanId": 1,
    "vlanName": "string",
    "ipv4DhcpSnooping": true,
    "ipv4DhcpSnoopingTrustPort": "string",
    "arpInspection": true,
    "arpInspectionTrustPort": "string",
    "igmpSnooping": "active",
    "multicastVersion": 3,
    "spanningTreeProtocol": "rstp",
    "spanningTreePriority": 65535,
    + "switchVlanPortModels": [ ... ],
    "vni": 0,
    "enableAsDefaultVlan": true,
    "usedByVePort": true,
    "stp": true,
    "defaultVlan": true,
    "notSpanningTreePriorityZeroOrStepsOf4096": true
},
"switchPortProfileId": "string",
"adminPtToPt": "AUTO",
"portSecurity": true,
"portSecurityMaxEntries": 0,
"switchMacAcl": "string",
- "poeScheduler": {
    "type": "NO_SCHEDULE",
    "mon": "string",
    "tue": "string",
    "wed": "string",
    "thu": "string",
    "fri": "string",
    "sat": "string",
    "sun": "string",
    "timeZone": "string"
},
- "ignoreFieldSet": [
    "string"
],
- "authenticationDataByProfile": {
    "id": "string",
    + "tenant": { ... },
    "profileName": "string",
    "authenticationType": "__NULL",
    "changeAuthOrder": true,
    "dot1xPortControl": "__NULL",
    "authDefaultVlan": 1,
    "restrictedVlan": 1

```

```
restrictedVlan": 1,  
"criticalVlan": 1,  
"guestVlan": 1,  
"authFailAction": "__NULL",  
"authTimeoutAction": "__NULL",  
}
```

Response samples

200

400

401

403

404

422

500

```
"portSet": [  
  "string"  
]  
}
```

Content type: application/json

Copy Expand all Collapse all

```
{  
  "id": "string",  
  "name": "string",  
  "dhcpSnoopingTrust": true,  
  "arpInspectionTrust": true,  
  "ignoreFields": "string",  
  "ipsg": true,  
  "lldpEnable": true,  
  "poeBudget": 0.1,  
  "poeCapability": true,  
  "poeClass": "__NULL",  
  "poeEnable": true,  
  "poePriority": 0,  
  "portEnable": true,  
  "portProtected": true,  
  "portSpeed": "__NULL",  
  "ports": [  
    "string"  
  ],  
  "revert": true,  
  "rstpAdminEdgePort": true,  
  "adminPtToPt": "AUTO",  
  "stpBpduGuard": true,  
  "stpRootGuard": true,  
  "switchId": "string",  
  "untaggedVlan": "string",  
  "taggedVlans": [  
    "string"  
  ],  
  "voiceVlan": 0,  
  "lldpQos": [  
    + { ... }  
  ],  
  "ingressAcl": "string",  
  "egressAcl": "string",  
  "vsixIngressAcl": "string",  
  "vsixEgressAcl": "string",  
  "tags": "string",  
}
```

```
- "lag": {
  "id": "string",
  "lagId": 0,
  "name": "string",
  "type": "static",
+ "ports": [ ... ],
+ "taggedVlans": [ ... ],
  "untaggedVlan": "string",
  "switchId": "string",
  "tenantId": "string",
+ "addPorts": [ ... ],
+ "removePorts": [ ... ],
```

Get Ports

Deprecated

Get switch's port settings with `portId`. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/switches/{switchId}/portSettings` can be used for this content.

AUTHORIZATIONS: >

jwtAuth "string"

PATH PARAMETERS

switchId
required

"string"
"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 /switches/{switchId}/portSettings



Request samples

Payload

Content type

```
application/json
```

Copy

```
[
  "string"
]
```

Response samples

200

422

Content type

```
application/json
```

Copy

Expand all

[Collapse all](#)

```
{
  "id": "string",
  "name": "string",
  "dhcpSnoopingTrust": true,
  "arpInspectionTrust": true,
  "ignoreFields": "string",
  "ipsg": true,
  "lldpEnable": true,
  "poeBudget": 0.1,
  "poeCapability": true,
  "poeClass": " __NULL",
  "poeEnable": true,
  "poePriority": 0,
  "portEnable": true,
  "portProtected": true,
  "portSpeed": " __NULL",
  "ports": [
    "string"
  ],
  "revert": true,
  "rstpAdminEdgePort": true,
  "adminPtToPt": "AUTO",
  "stpBpduGuard": true,
  "stpRootGuard": true,
  "switchId": "string",
  "untaggedVlan": "string",
  "taggedVlans": [
    "string"
  ],
  "voiceVlan": 0,
  "lldpQos": [
    + { ... }
  ],
  "ingressAcl": "string",
  "egressAcl": "string",
  "vsixIngressAcl": "string",

```

```
"vsixEgressACL": "string",
"tags": "string",
```

```
- "lag": {
  "id": "string",
  "lagId": 0,
  "name": "string",
  "type": "static",
+ "ports": [ ... ],
+ "taggedVlans": [ ... ],
  "untaggedVlan": "string",
  "switchId": "string",
  "tenantId": "string",
+ "addPorts": [ ... ],
+ "removePorts": [ ... ],
}
```

Update Ports Deprecated

Update ports of different switches. Use activity API with request id to get the status update. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/switches/portSettings` can be used for this content.

AUTHORIZATIONS: >

jwtAuth "string"

REQUEST BODY SCHEMA: application/json

required

Array [



switchId

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 /switches/portSettings

Request samples

Payload

Content type

application/json

Copy Expand all Collapse all

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

Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "name": "string",
  "dhcpSnoopingTrust": true,
  "arpInspectionTrust": true,
  "ignoreFields": "string",
  "ipsg": true,
  "lldpEnable": true,
  "poeBudget": 0.1,
  "poeCapability": true,
  "poeClass": "__NULL",
  "poeEnable": true,
  "poePriority": 0,
  "portEnable": true,
  "portProtected": true,
  "portSpeed": "__NULL",
  - "ports": [
    "string"
  ],
  "revert": true,
  "rstpAdminEdgePort": true,
  "adminPtToPt": "AUTO",
  "stpBpduGuard": true,
  "stpRootGuard": true,
  "switchId": "string",
  "untaggedVlan": "string",
}
```

```
- "taggedVlans": [
  "string"
],
"voiceVlan": 0,
- "lldpQos": [
  + { ... }
],
"ingressAcl": "string",
"egressAcl": "string",
"vsixIngressAcl": "string",
"vsixEgressAcl": "string",
"tags": "string",

- "lag": {
  "id": "string",
  "lagId": 0,
  "name": "string",
  "type": "static",
  + "ports": [ ... ],
```

Get Ports Deprecated

Get port settings of different switches. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/switches/portSettings` can be used for this content.

AUTHORIZATIONS: >

jwtAuth

REQUEST BODY SCHEMA: application/json

required

Array [

switchId

ports

]

true

"string"

string

"string"

Array of strings

"string"

"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 /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",
  "name": "string",
  "dhcpSnoopingTrust": true,
  "arpInspectionTrust": true,
  "ignoreFields": "string",
  "ipsg": true,
  "lldpEnable": true,
  "poeBudget": 0.1,
  "poeCapability": true,
  "poeClass": "__NULL",
  "poeEnable": true,
  "poePriority": 0,
  "portEnable": true,
  "portProtected": true,
  "portSpeed": "__NULL",
  - "ports": [
    "string"
  ],
}
```

```

    "revert": true,
    "rstpAdminEdgePort": true,
    "adminPtToPt": "AUTO",
    "stpBpduGuard": true,
    "stpRootGuard": true,
    "switchId": "string",
    "untaggedVlan": "string",
    - "taggedVlans": [
        "string"
    ],
    "voiceVlan": 0,
    - "lldpQos": [
        + { ... }
    ],
    "ingressAcl": "string",
    "egressAcl": "string",
    "vsixIngressAcl": "string",
    "vsixEgressAcl": "string",
    "tags": "string",

```

```

- "lag": {
    "id": "string",
    "lagId": 0,
    "name": "string",
    "type": "static",
    + "ports": [ ... ],

```

Switch Static Routes

Manage static routes.

Get Static Route

Deprecated

Get the specified static route. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/switches/{switchId}/staticRoutes/{staticRouteId}` can be used for this content.

AUTHORIZATIONS: >

true
jwtAuth
"string"

PATH PARAMETERS

"string"

→ staticRouteId

string

required

"string"
"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 /switches/staticRoutes/{staticRouteId}

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,
  "staticRouteViewList": [
    { }
  ]
}
```

Update Static Route Deprecated

Update the specified static route. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/switches/{switchId}/staticRoutes/{staticRouteId}` can be used for this content.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

staticRouteId
required string

REQUEST BODY SCHEMA: application/json
required

id string

destinationIp	string <code>"^(\b([0-9] [1-9][0-9] 1[0-9]{2} 2[0-4][0-9]...</code> Show pattern
nextHop	string <code>^\b([0-9] [1-9][0-9] 1[0-9]{2} 2[0-4][0-9] ...</code> Show pattern
adminDistance	integer <int32> <code>[1 .. 255]</code>
uniqueValue	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

/switches/staticRoutes/{staticRouteId}

▼

Request samples

Payload

Content type

application/json ▼

Copy

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

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,
    "staticRouteViewList": [
      { }
    ]
  }
}
```

Delete Static Route Deprecated

Delete the specified static route. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/switches/{switchId}/staticRoutes/{staticRouteId}` can be used for this content.

AUTHORIZATIONS: > `jwtAuth`

PATH PARAMETERS

— `staticRouteId` 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 `/switches/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 Deprecated

Get multiple static routes of the switch. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/switches/{switchId}/staticRoutes` can be used for this content.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

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 /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,
  "staticRouteViewList": [
    { }
  ]
}
```

Add Static Route Deprecated

Add multiple static routes of the switch. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/switches/{switchId}/staticRoutes` can be used for this content.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

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

REQUEST BODY SCHEMA: application/json ▾

required

Array [

id	string
destinationIp	string <code>^(\b([0-9] [1-9][0-9] 1[0-9]{2} 2[0-4][0-9]...</code> Show pattern
nextHop	string <code>^(\b([0-9] [1-9][0-9] 1[0-9]{2} 2[0-4][0-9]...</code> Show pattern
adminDistance	integer <int32> <code>[1..255]</code>
uniqueValue	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 /switches/{switchId}/staticRoutes ▾

Request samples

Payload

Content type

application/json ▾

Copy Expand all Collapse all

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

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,
  "staticRouteViewList": [
    { }
  ]
}
```

Delete Static Routes Deprecated

Delete multiple static routes. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/switches/{switchId}/staticRoutes` can be used for this content.

AUTHORIZATIONS: >

jwtAuth

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 /switches/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 Deprecated

Get the specified switch-level VLAN by id. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/switches/{switchId}/vlans/{vlanId}` can be used for this content.

AUTHORIZATIONS: >	jwtAuth
PATH PARAMETERS	
→ 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

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",
  "vePort": {
    "id": "string",
    "veId": 0,
    "vlanId": 0,
    "defaultVlan": true,
    "name": "string",
    "ospfArea": "string",
    "dhcpRelayAgent": "string",
    "ipAddressType": "static",
    "ipAddress": "string",
    "ipSubnetMask": "string",
    "ingressAclName": "string",
    "egressAclName": "string",
    "vsixIngressAclName": "string",
    "vsixEgressAclName": "string",
    "switchId": "string",
    "tenantId": "string",
    "switchName": "string",
    "deviceStatus": "string",
    "stack": true,
    "syncdSwitchConfig": true,
    "portType": "NONE",
    "connectedVe": true,
    + "vePortViewList": [ ... ]
  },
  "switchVlanPortModels": [
    + { ... }
  ],
  "enableAsDefaultVlan": true
}
```

Update Switch VLAN Deprecated

Update a VLAN of the switch. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/switches/{switchId}/vlans/{vlanId}` can be used for this content.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

→ **vlanId** string
required

REQUEST BODY SCHEMA: application/json ▼
required

→ id	string
→ vlanId required	integer <int32> [1 .. 4095]
→ vlanName	string
→ rootBridgeFamilyId	string Enum: " NULL " "ICX7150" "ICX7250" "ICX7650" "ICX7850" "ICX7550" "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 Enum: "active" "passive" "none"
→ multicastVersion	integer <int32> [0 .. 3]
→ spanningTreeProtocol	string 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 required	boolean
→ deleteVlanEnabled	boolean
→ notDummyVlan	boolean
→ defaultVlan	boolean
→ igmpSnoopingTypeChanged	boolean
→ dummyVlan	boolean

switchVlanPortModel >	object (SwitchVlanPortModelBo)
rapidSpanningTreeProtocol	boolean
taggedPortsList	Array of strings
untaggedPortsList	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 /switches/vlans/{vlanId}

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,
  "notDummyVlan": true,
  "defaultVlan": true,
  "igmpSnoopingTypeChanged": true,
  "dummyVlan": true,
  - "switchVlanPortModel": {
    "id": "string",
    "switchModel": "ICX7150-24",
    "taggedPorts": "string",
    "untaggedPorts": "string",
    "voicePorts": "string",
    + "taggedPortsList": [ ... ],
    + "untaggedPortsList": [ ... ],
    + "voicePortsList": [ ... ]
  },
  "rapidSpanningTreeProtocol": true,
  - "taggedPortsList": [
    "string"
  ],
  - "untaggedPortsList": [
    "string"
  ]
}

```

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",
  - "vePort": {
    "id": "string"
  }
}

```

```

      "id": "string",
      "veId": 0,
      "vlanId": 0,
      "defaultVlan": true,
      "name": "string",
      "ospfArea": "string",
      "dhcpRelayAgent": "string",
      "ipAddressType": "static",
      "ipAddress": "string",
      "ipSubnetMask": "string",
      "ingressAclName": "string",
      "egressAclName": "string",
      "vsixIngressAclName": "string",
      "vsixEgressAclName": "string",
      "switchId": "string",
      "tenantId": "string",
      "switchName": "string",
      "deviceStatus": "string",
      "stack": true,
      "syncdSwitchConfig": true,
      "portType": "NONE",
      "connectedVe": true,
      + "vePortViewList": [ ... ]
    },
    - "switchVlanPortModels": [
      + { ... }
    ],
    "enableAsDefaultVlan": true
  }

```

Delete Switch VLAN Deprecated

Delete a VLAN of the switch. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/switches/{switchId}/vlans/{vlanId}` can be used for this content.

AUTHORIZATIONS: > `jwtAuth`

PATH PARAMETERS

— <code>vlanId</code> 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 /switches/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"
  }
}
```

Get Switch VLANs **Deprecated**

Get switch-level VLANs by switch. This method will be removed no sooner than 06/30/2026. The following URL /venues/{venueId}/switches/{switchId}/vlans can be used for this content.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

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 /switches/{switchId}/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",
  "ipv4DhcpSnooping": true,
  "arpInspection": true,
  "igmpSnooping": "active",
  "multicastVersion": 0,
  "spanningTreeProtocol": "rstp",
  "taggedPorts": "string",
  "untaggedPorts": "string",
  - "vePort": {
    "id": "string",
    "veId": 0,
    "vlanId": 0,
    "defaultVlan": true,
    "name": "string",
    "ospfArea": "string",
    "dhcpRelayAgent": "string",
    "ipAddressType": "static",
    "ipAddress": "string",
    "ipSubnetMask": "string",
    "ingressAclName": "string",
    "egressAclName": "string",
    "vsixIngressAclName": "string",
    "vsixEgressAclName": "string",
    "switchId": "string",
    "tenantId": "string",
    "switchName": "string",
    "deviceStatus": "string",
    "stack": true,
    "syncdSwitchConfig": true,
    "portType": "NONE",
    "connectedVe": true,
    + "vePortViewList": [ ... ]
  },
  - "switchVlanPortModels": [
    + { ... }
  ],
  "enableAsDefaultVlan": true
}
```

Add Switch VLAN Deprecated

Create a VLAN of the switch. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/switches/{switchId}/vlans` can be used for this content.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

→ switchId
required string

REQUEST BODY SCHEMA: application/json

required

id	string
vlanId required	integer <int32> [1 .. 4095]
vlanName	string
rootBridgeFamilyId	string Enum: " __NULL " "ICX7150" "ICX7250" "ICX7650" "ICX7850" "ICX7550" "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 Enum: "active" "passive" "none"
multicastVersion	integer <int32> [0 .. 3]
spanningTreeProtocol	string 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 required	boolean
deleteVlanEnabled	boolean
notDummyVlan	boolean
defaultVlan	boolean
igmpSnoopingTypeChanged	boolean
dummyVlan	boolean
switchVlanPortModel >	object (SwitchVlanPortModelBo)
rapidSpanningTreeProtocol	boolean

taggedPortsList	Array of strings
untaggedPortsList	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 /switches/{switchId}/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,
"notDummyVlan": true,
"defaultVlan": true,
"igmpSnoopingTypeChanged": true,
"dummyVlan": true,
- "switchVlanPortModel": {
  "id": "string",
  "switchModel": "ICX7150-24",
  "taggedPorts": "string",
  "untaggedPorts": "string",
  "voicePorts": "string",
+ "taggedPortsList": [ ... ],
+ "untaggedPortsList": [ ... ],
+ "voicePortsList": [ ... ]
},
"rapidSpanningTreeProtocol": true,
- "taggedPortsList": [
  "string"
],
- "untaggedPortsList": [
  "string"
]
}

```

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",
- "vePort": {
  "id": "string",
  "veId": 0,
  "vlanId": 0,

```

```

    "defaultVlan": true,
    "name": "string",
    "ospfArea": "string",
    "dhcpRelayAgent": "string",
    "ipAddressType": "static",
    "ipAddress": "string",
    "ipSubnetMask": "string",
    "ingressAclName": "string",
    "egressAclName": "string",
    "vsixIngressAclName": "string",
    "vsixEgressAclName": "string",
    "switchId": "string",
    "tenantId": "string",
    "switchName": "string",
    "deviceStatus": "string",
    "stack": true,
    "syncedSwitchConfig": true,
    "portType": "NONE",
    "connectedVe": true,
    + "vePortViewList": [ ... ]
  },
  - "switchVlanPortModels": [
    + { ... }
  ],
  "enableAsDefaultVlan": true
}

```

Query Switch VLANs Deprecated

Query the switch's switch-level VLANs. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/switches/{switchId}/vlans/query` can be used for this content.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

→ **switchId** 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
→ searchString	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 /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

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

Add Switch VLANs Deprecated

Create multiple VLANs under the specified switches. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/vlans` can be used for this content.

AUTHORIZATIONS: > `jwtAuth`

REQUEST BODY SCHEMA: `application/json` ▼
required

Array [

id	string
vlanId required	integer <int32> [1 .. 4095]
vlanName	string
rootBridgeFamilyId	string Enum: <code>"__NULL"</code> <code>"ICX7150"</code> <code>"ICX7250"</code> <code>"ICX7650"</code> <code>"ICX7850"</code> <code>"ICX7550"</code> <code>"ICX8200"</code> <code>"ICX8100"</code>
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 Enum: <code>"active"</code> <code>"passive"</code> <code>"none"</code>
multicastVersion	integer <int32> [0 .. 3]
spanningTreeProtocol	string Enum: <code>"rstp"</code> <code>"stp"</code> <code>"none"</code>
spanningTreePriority	integer <int32> [0 .. 65535]

switchFamilyModels >	Array of objects (SwitchFamilyModelBo) unique
managementVlan	boolean
switchVlanPortModels >	Array of objects (SwitchVlanPortModelBo) unique
switchId	string
enableAsDefaultVlan required	boolean
deleteVlanEnabled	boolean
notDummyVlan	boolean
defaultVlan	boolean
igmpSnoopingTypeChanged	boolean
dummyVlan	boolean
switchVlanPortModel >	object (SwitchVlanPortModelBo)
rapidSpanningTreeProtocol	boolean
taggedPortsList	Array of strings
untaggedPortsList	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 /switches/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": [ ... ],
  "arpInspection": true,
  "arpInspectionTrustPort": "string",
+ "arpInspectionTrustPortList": [ ... ],
+ "arpTrustPortsList": [ ... ],
+ "dhcpTrustPortsList": [ ... ],
  "igmpSnooping": "active",
  "multicastVersion": 3,
  "spanningTreeProtocol": "rstp",
  "spanningTreePriority": 65535,
+ "switchFamilyModels": [ ... ],
  "managementVlan": true,
+ "switchVlanPortModels": [ ... ],
  "switchId": "string",
  "enableAsDefaultVlan": true,
  "deleteVlanEnabled": true,
  "notDummyVlan": true,
  "defaultVlan": true,
  "igmpSnoopingTypeChanged": true,
  "dummyVlan": true,
+ "switchVlanPortModel": { ... },
  "rapidSpanningTreeProtocol": true,
+ "taggedPortsList": [ ... ],
+ "untaggedPortsList": [ ... ]
}
]

```

Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy Expand all Collapse all

```

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

```

Delete Switch VLANs Deprecated

Delete multiple VLANs of the switch. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/switches/{switchId}/vlans` can be used for this content.

AUTHORIZATIONS: > jwtAuth

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 /switches/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"  
  }  
}
```

Retrieve Switch VLANs Deprecated

Retrieve all usable VLANs under the specified switches. This method will be removed no sooner than 06/30/2026. The following URL

/venues/{venueId}/vlans/query can be used for this content.

AUTHORIZATIONS: > jwtAuth

REQUEST BODY SCHEMA: application/json ▾

required

isDefault	boolean
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

POST /switches/vlans/query ▾

Request samples

Payload

Content type

application/json ▾

Copy Expand all Collapse all

```
{
  "isDefault": true,
  "switchIds": [
    "string"
  ]
}
```

Response samples

200

400

401

403

404

422

500

Content type

application/json ▾

Copy Expand all Collapse all

```
{
  "id": "string",
  "title": "string",
  "description": "string"
}
```

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

Switch Virtual Ethernet

Manage VE (virtual ethernet) port settings.

Get Virtual Ethernet Setting Deprecated

Get a specified virtual ethernet port. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/switches/{switchId}/vePorts/{vePortId}` can be used for this content.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

→ **vePortId** 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 /switches/vePorts/{vePortId} ▾

Response samples

200

400

401

403

404

422

500

Content type

application/json ▾

Copy

```
{
  "id": "string",
  "veId": 0,
  "vlanId": 0,
  "defaultVlan": true,
  "name": "string",
}
```

```
"ospfArea": "string",
"dhcpRelayAgent": "string",
"ipAddressType": "static",
"ipAddress": "string",
"ipSubnetMask": "string",
"ingressAcl": "string",
"egressAcl": "string",
"vsixIngressAcl": "string",
"vsixEgressAcl": "string",
"switchId": "string"
}
```

Update Virtual Ethernet Setting Deprecated

Update virtual ethernet port. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/switches/{switchId}/vePorts/{vePortId}` can be used for this content.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

→ **vePortId** required string

REQUEST BODY SCHEMA: application/json required ▼

→ id	string
→ veId	integer <int32>
→ vlanId	integer <int32>
→ defaultVlan	boolean
→ name	string
→ ospfArea	string
→ dhcpRelayAgent	string
→ ipAddressType	string Enum: "static" "dynamic"
→ ipAddress	string
→ ipSubnetMask	string
→ ingressAcl	string
→ egressAcl	string
→ vsixIngressAcl	string
→ vsixEgressAcl	string
→ switchId	string
→ ifIsDhcpVEDefaultCase	integer <int32>

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 /switches/vePorts/{vePortId} 

Request samples

Payload

Content type

application/json 

Copy

```
{
  "id": "string",
  "veId": 0,
  "vlanId": 0,
  "defaultVlan": true,
  "name": "string",
  "ospfArea": "string",
  "dhcpRelayAgent": "string",
  "ipAddressType": "static",
  "ipAddress": "string",
  "ipSubnetMask": "string",
  "ingressAcl": "string",
  "egressAcl": "string",
  "vsixIngressAcl": "string",
  "vsixEgressAcl": "string",
  "switchId": "string",
  "ifIsDhcpVEDefaultCase": 0
}
```

Response samples

200

400

401

403

404

422

500

Content type

application/json 

Copy

Expand all

Collapse all

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

```
    "veId": 0,
    "vlanId": 0,
    "defaultVlan": true,
    "name": "string",
    "ospfArea": "string",
    "dhcpRelayAgent": "string",
    "ipAddressType": "static",
    "ipAddress": "string",
    "ipSubnetMask": "string",
    "ingressAclName": "string",
    "egressAclName": "string",
    "vsixIngressAclName": "string",
    "vsixEgressAclName": "string",
    "switchId": "string",
    "tenantId": "string",
    "switchName": "string",
    "deviceStatus": "string",
    "stack": true,
    "syncdSwitchConfig": true,
    "portType": "NONE",
    "connectedVe": true,
    - "vePortViewList": [
      { }
    ]
  }
}
```

Delete Virtual Ethernet Setting Deprecated

Delete virtual ethernet port. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/switches/{switchId}/vePorts/{vePortId}` can be used for this content.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

→ **vePortId**
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 /switches/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 Deprecated

Retrieve virtual ethernet ports of the specified switch. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/switches/{switchId}/vePorts` can be used for this content.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

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 /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,
  "defaultVlan": true,
  "name": "string",
  "ospfArea": "string",
  "dhcpRelayAgent": "string",
  "ipAddressType": "static",
  "ipAddress": "string",
  "ipSubnetMask": "string",
  "ingressAclName": "string",
  "egressAclName": "string",
  "vsixIngressAclName": "string",
  "vsixEgressAclName": "string",
  "switchId": "string",
  "tenantId": "string",
  "switchName": "string",
  "deviceStatus": "string",
  "stack": true,
  "syncdSwitchConfig": true,
  "portType": "NONE",
  "connectedVe": true,
  "vePortViewList": [
    {}
  ]
}
```

Add Virtual Ethernet Settings Deprecated

Add virtual ethernet ports of the switch. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/switches/{switchId}/vePorts` can be used for this content.

AUTHORIZATIONS: > `jwtAuth`

PATH PARAMETERS

→ `switchId` required `string`

REQUEST BODY SCHEMA: `application/json` required ▼

Array [

→ `id` `string`

→ `veId` `integer <int32>`

→ `vlanId` `integer <int32>`

→ `defaultVlan` `boolean`

→ `name` `string`

→ `ospfArea` `string`

→ `dhcpRelayAgent` `string`

→ `ipAddressType` `string`
Enum: `"static"` `"dynamic"`

ipAddress	string
ipSubnetMask	string
ingressAcl	string
egressAcl	string
vsixIngressAcl	string
vsixEgressAcl	string
switchId	string
ifIsDhcpVEDefaultCase	integer <int32>

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 /switches/{switchId}/vePorts

Request samples

Payload

Content type

application/json

Copy Expand all Collapse all

```
[
  {
    "id": "string",
    "veId": 0,
    "vlanId": 0,
    "defaultVlan": true,
    "name": "string",
    "ospfArea": "string",
    "dhcpRelayAgent": "string",
    "ipAddressType": "static",
    "ipAddress": "string",
    "ipSubnetMask": "string",
    "ingressAcl": "string"
```

```
    "ingressAcl": "string",
    "egressAcl": "string",
    "vsixIngressAcl": "string",
    "vsixEgressAcl": "string",
    "switchId": "string",
    "ifIsDhcpVEDefaultCase": 0
  }
}
```

Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "veId": 0,
  "vlanId": 0,
  "defaultVlan": true,
  "name": "string",
  "ospfArea": "string",
  "dhcpRelayAgent": "string",
  "ipAddressType": "static",
  "ipAddress": "string",
  "ipSubnetMask": "string",
  "ingressAclName": "string",
  "egressAclName": "string",
  "vsixIngressAclName": "string",
  "vsixEgressAclName": "string",
  "switchId": "string",
  "tenantId": "string",
  "switchName": "string",
  "deviceStatus": "string",
  "stack": true,
  "syncdSwitchConfig": true,
  "portType": "NONE",
  "connectedVe": true,
  "vePortViewList": [
    { }
  ]
}
```

Retrieve Virtual Ethernet Settings Deprecated

Retrieve virtual ethernet ports of switch by query. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/switches/{switchId}/vePorts/query` can be used for this content.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

switchId string

required

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 /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"
```

```
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
}
```

Delete Virtual Ethernet Settings Deprecated

Delete multiple virtual ethernet ports. This method will be removed no sooner than 06/30/2026. The following URL `/venues/{venueId}/switches/{switchId}/vePorts` can be used for this content.

AUTHORIZATIONS: > jwtAuth

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 /switches/vePorts

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"
  }
}
```

Trusted Port

Manage a port's trust settings.

Get Trusted Port Deprecated

Get the specified trusted port of the switch profile. This method will be removed no sooner than 06/30/2026.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

switchProfileId required	string
trustedPortId 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}/trustedPorts/{trustedPortId}

Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "trustedPortType": "all",
  "model": "ICX7150-24",
  "vlanDemand": true,
  "trustPorts": [
    "string"
  ],
  "slots": [
    + { ... }
  ]
}
```

Update Trusted Port **Deprecated**

Update the trusted port of the switch profile. This method will be removed no sooner than 06/30/2026.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

switchProfileId required	string
trustedPortId required	string

REQUEST BODY SCHEMA: application/json
required

id	string
tenantId	string
trustedPortType	string Enum: "all" "dhcp" "arp"
model	string

	Enum: "ICX7150-24" "ICX7150-24P" "ICX7150-48" "ICX7150-48P" "ICX7150-48PF" "ICX7150-48ZP" "ICX7150-C12P" "ICX7150-C10ZP" "ICX7150-C08P" "ICX7150-C08PT" "ICX7150-24F" "ICX7250-48" "ICX7650-48ZP" "ICX7650-48P" "ICX7650-48F" "ICX7850-32Q" "ICX7850-48FS" "ICX7850-48F" "ICX7850-48C" "ICX7550-24" "ICX7550-48" "ICX7550-24P" "ICX7550-48P" "ICX7550-24ZP" "ICX7550-48ZP" "ICX7550-24F" "ICX7550-48F" "ICX7550-24XZP" "ICX8200-24" "ICX8200-24P" "ICX8200-24F" "ICX8200-24FX" "ICX8200-24ZP" "ICX8200-48" "ICX8200-48F" "ICX8200-48P" "ICX8200-48PF" "ICX8200-48PF2" "ICX8200-48ZP2" "ICX8200-C08P" "ICX8200-C08PDC" "ICX8200-C08PF" "ICX8200-C08PT" "ICX8200-C08ZP" "ICX8100-24" "ICX8100-24P" "ICX8100-48" "ICX8100-48P" "ICX8100-C08PF" "ICX8100-48PF" "ICX8100-24-X" "ICX8100-48-X" "ICX8100-24P-X" "ICX8100-48P-X" "ICX8100-C08PF-X" "ICX8100-48PF-X" "ICX7150-24-ES-P0E" "ICX7150-48-ES-P0E" "ICX7150-C12-ES-P0E" "ICX8200-24PV" "ICX8200-C08PFV" "ICX8100-C16P" "ICX8100-C16P-X"
vlanDemand	boolean
trustPorts	Array of strings
slots >	Array of objects (FamilyModelSlotBo) 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 /switchProfiles/{switchProfileId}/trustedPorts/{trustedPortId}

Request samples

Payload

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "id": "string",
  "tenantId": "string",
  "trustedPortType": "all",
  "model": "ICX7150-24",
  "vlanDemand": true,
  "trustPorts": [
    "string"
  ],
}
```

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

Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy

Expand all

Collapse all

```
{  
  "id": "string",  
  "trustedPortType": "all",  
  "model": "ICX7150-24",  
  "vlanDemand": true,  
  "trustPorts": [  
    "string"  
  ],  
  "slots": [  
    + { ... }  
  ]  
}
```

Delete Trusted Port Deprecated

Delete the specified trusted port of the switch profile. This method will be removed no sooner than 06/30/2026.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

switchProfileId required	string
trustedPortId 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

/switchProfiles/{switchProfileId}/trustedPorts/{trustedPortId}



Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy

Expand all

Collapse all

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

Add Trusted Port

Deprecated

Add the trusted port of the switch profile. This method will be removed no sooner than 06/30/2026.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

switchProfileId
required

string

REQUEST BODY SCHEMA: application/json
required

id

string

tenantId

string

trustedPortType

string

Enum: "all" "dhcp" "arp"

model

string

Enum: "ICX7150-24" "ICX7150-24P" "ICX7150-48" "ICX7150-48P" "ICX7150-48PF" "ICX7150-48ZP" "ICX7150-C12P" "ICX7150-C10ZP" "ICX7150-C08P" "ICX7150-C08PT" "ICX7150-24F" "ICX7250-48" "ICX7650-48ZP" "ICX7650-48P" "ICX7650-48F" "ICX7850-32Q" "ICX7850-48FS" "ICX7850-48F" "ICX7850-48C" "ICX7550-24" "ICX7550-48" "ICX7550-24P" "ICX7550-48P" "ICX7550-24ZP" "ICX7550-48ZP" "ICX7550-24F" "ICX7550-48F" "ICX7550-24XZP" "ICX8200-24" "ICX8200-24P" "ICX8200-24F" "ICX8200-24FX" "ICX8200-24ZP" "ICX8200-48" "ICX8200-48F" "ICX8200-48P" "ICX8200-48PF" "ICX8200-48PF2" "ICX8200-48ZP2" "ICX8200-C08P" "ICX8200-C08PDC" "ICX8200-C08PF" "ICX8200-C08PT" "ICX8200-C08ZP" "ICX8100-24" "ICX8100-24P" "ICX8100-48" "ICX8100-48P" "ICX8100-C08PF" "ICX8100-48PF" "ICX8100-24-X" "ICX8100-48-X" "ICX8100-24P-X" "ICX8100-48P-X" "ICX8100-C08PF-X" "ICX8100-48PF-X" "ICX7150-24-ES-POE" "ICX7150-48-ES-POE" "ICX7150-C12-ES-POE" "ICX8200-24PV" "ICX8200-C08PFV" "ICX8100-C16P" "ICX8100-C16P-X"

vlanDemand

boolean

trustPorts

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/{switchProfileId}/trustedPorts

Request samples

Payload

Content type
application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "tenantId": "string",
  "trustedPortType": "all",
  "model": "ICX7150-24",
  "vlanDemand": true,
  "trustPorts": [
    "string"
  ],
  "slots": [
    + { ... }
  ]
}
```

Response samples

200

400

401

403

404

422

500

Content type
application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "trustedPortType": "all",
  "model": "ICX7150-24",
  "vlanDemand": true,
  "trustPorts": [
    "string"
  ],
  "slots": [
    + { ... }
  ]
}
```

```
    "model": "ICX7150-24",
    "vlanDemand": true,
    - "trustPorts": [
      "string"
    ],
    - "slots": [
      + { ... }
    ]
  }
}
```

Delete Trusted Ports Deprecated

Delete multiple trusted ports of the specified switch profile. This method will be removed no sooner than 06/30/2026.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

— switchProfileId 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 /switchProfiles/{switchProfileId}/trustedPorts

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"
  }
}
```

Get Trusted Ports Deprecated

Retrieve trusted ports with the specified venue. This method will be removed no sooner than 06/30/2026.

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}/trustedPorts



Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "id": "string",
  "trustedPortType": "all",
  "model": "ICX7150-24",
  "vlanDemand": true,
  - "trustPorts": [
    "string"
  ],
  - "slots": [
    + { ... }
  ]
}
```

Venue Switch Setting

Manage a switch's venue-level settings.

Delete Venue Switch Settings Deprecated

Delete switch settings of the venue. This method will be removed no sooner than 06/30/2026.

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

DELETE /venues/{venueId}/switchSettings

Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy Expand all Collapse all

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

Venue Template AAA Server

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

Query Venue Template AAA Servers Deprecated

List of venue template's authentication, authorization, and accounting servers. This method will be removed no sooner than 06/30/2026. The following URL `/templates/venues/{venueId}/aaaServers/query` can be used for this content.

AUTHORIZATIONS: > jwtAuth

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"
venueId	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 `/templates/venues/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",
  "venueId": "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 Venue Template AAA Server Deprecated

Get venue template's authentication, authorization, and accounting server. This method will be removed no sooner than 06/30/2026. The following URL `/templates/venues/{venueId}/aaaServers/{aaaServerId}` can be used for this content.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

aaaServerId
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/aaaServers/{aaaServerId}

Response samples

200

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 Venue Template AAA Server **Deprecated**

Delete venue template's authentication, authorization, and accounting server by id. This method will be removed no sooner than 06/30/2026. The following URL /templates/venues/{venueId}/aaaServers/{aaaServerId} can be used for this content.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

aaaServerId
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/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"
  }
}
```

Delete Venue Template AAA Servers Deprecated

Delete venue template's multiple authentication, authorization, and accounting servers. This method will be removed no sooner than 06/30/2026. The following URL /templates/venues/{venueId}/aaaServers can be used for this content.

AUTHORIZATIONS: > jwtAuth

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/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"
  }
}
```

Venue Template AAA Setting

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

Update Venue Template AAA Setting **Deprecated**

Update venue template's authentication, authorization, and accounting setting by id. Use activity API with request id to get the status update. This method will be removed no sooner than 06/30/2026. The following URL /templates/venues/{venueId}/aaaSettings can be used for this content.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

venueId	string
required	
aaaSettingId	string
required	

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

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/{aaaSettingId} 

Request samples

Payload

Content type

application/json 

Copy

```
{
  "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"
  }
}
```