

Switch Service API & Model Documentation (0.3.4)

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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.

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

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.

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

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```
{
  "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.

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.

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.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

venueId required	string
aaaSettingId required	string

REQUEST BODY SCHEMA: application/json

required

authnEnabledSsh	boolean
authnEnableTelnet	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,
  "authnEnableTelnet": 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.

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.

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

CopyExpand allCollapse all

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

Get Configuration History Deprecated

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

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

switchId	string
required	
transactionId	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}/transactions/{transactionId}/configHistDetails

Response samples

200400401403404422500

Content type

application/json

CopyExpand allCollapse all

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

DHCP Server

Manage ICX DHCP servers.

Update DHCP Server-Setting Deprecated

Update switch's DHCP server setting.

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.

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 ^(?: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

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.

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"
 }
}

List of ICX's DHCP servers.

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

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
}
```

Update DHCP Server Deprecated

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

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.

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.

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

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.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

switchId

string

required	
dhcpServerId	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 /switches/{switchId}/dhcpServers/{dhcpServerId}

Response samples

200400401403404422500

Content typeapplication/json

CopyExpand allCollapse all

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

ICX Switch

Manage ICX Switches.

Get ICX Switch Deprecated

Get ICX switch by id.

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}



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"
  ]
}
```

```
    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.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

switchId

string

required

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"
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

```

{
  "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.

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.

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.

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"
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"
```

```
    "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

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

Content type
application/json

Copy Expand all Collapse all

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

Delete ICX Switches Deprecated

Delete multiple ICX switches.

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

[
 "string"
]

Copy

Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy

Expand all

Collapse all

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

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.

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.

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

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.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

stackSwitchSerialNumber
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 /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.

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

200400401403404422500

Content type

application/json

CopyExpand allCollapse all

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

LAG

Manage LAGs (link aggregation groups).

Get LAG

Deprecated

Get LAG setting by id.

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

200400401403404422500

Content type

application/json

CopyExpand allCollapse all

```
{  "id": "string",  "lagId": 0,  "name": "string",  "type": "static",
```

```
type: "string",
- "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.

AUTHORIZATIONS: > jwtAuth

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": [
  + { ... }
],
- "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 LAG Deprecated

Delete switch's LAG setting.

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

200400401403404422500

Content type

application/json

CopyExpand allCollapse all

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

Get LAGs

Deprecated

List of switch's LAG settings.

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.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

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

REQUEST BODY SCHEMA: application/json

required

Array [	
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
- > 500 Internal Server Error

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.

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

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

Content type

application/json

Copy Expand all Collapse all

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

Profile

Manage switch profiles.

Get Switch Profiles Deprecated

Get multiple regular switch profiles or command-line interface profiles.

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

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

Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "name": "string",
  "description": "string",
  "acIs": [

```

```
    + { ... }
  ],
  - "vlangs": [
    + { ... }
  ],
  - "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.

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

200400401403404422500

Content type

application/json

CopyExpand allCollapse 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.

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}/acIs/{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": [
    { }
  ]
}
```

Update ACL Deprecated

Update the ACL of the switch profile.

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

Copy Expand all Collapse all

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

Delete ACL **Deprecated**

Delete ACL of the switch profile.

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

200 400 401 403 404 422 500

Content typeapplication/json

Copy Expand all Collapse all

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

Get ACLs Deprecated

Get multiple ACLs of the switch profile.

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}/acIs

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.

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.

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

200400401403404422500

Content type

application/json

CopyExpand allCollapse all

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

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

Get ACLs Deprecated

Get all ACLs of switch profiles in the venue.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

venueId required string

Responses

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

GET /venues/{venueId}/switchProfiles/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.

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": [
    + { ... }
  ],
  - "vlangs": [
    + { ... }
  ],
  - "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.

AUTHORIZATIONS: [>](#) jwtAuth

REQUEST BODY SCHEMA: application/json [v](#)

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 [v](#)

Request samples

Payload

Content type
application/json [v](#)

Copy

```
[
  "string"
]
```

Response samples

200

400

401

403

404

422

500

Content type
application/json [v](#)

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.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

switchProfileId	string
required	
vlanId	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 /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.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

 switchProfileId required	string
 vlanId required	integer <int32>

REQUEST BODY SCHEMA: application/json 

 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
dummyVlan	boolean
switchVlanPortModel >	object (SwitchVlanPortModelBo)
rapidSpanningTreeProtocol	boolean
taggedPortsList	Array of strings
untaggedPortsList	Array of strings
notDummyVlan	boolean
defaultVlan	boolean
igmpSnoopingTypeChanged	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

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

```

Response samples

200

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.

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.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

venueId string
required

QUERY PARAMETERS

model string
required

Responses

> 200 OK

> 400 Bad/malformed request

> 401 Unauthorized

> 403 Forbidden

> 404 Requested resource or related-entity not found

> 422 Validation error

> 500 Internal Server Error

GET /venues/{venueId}/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.

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"

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

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

Copy

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.

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-P0E" "ICX7150-48-ES-P0E" "ICX7150-C12-ES-P0E" "ICX8200-24PV" "ICX8200-C08PFV"

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.

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}/vlans

Response samples

200400401403404422500

Content type
application/json

CopyExpand allCollapse 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.

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"
 }
}

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

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}/vlanUnions

Response samples

200400401403404422500

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.

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

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.

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).

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}/aclUnions

Response samples

200

400

401

403

404

422

500

Content type
application/json

Copy Expand all Collapse all

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

Get ACL Deprecated

Get the ACL of the switch.

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

200400401403404422500

Content type
application/json

CopyExpand allCollapse 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.

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.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

configBackupId 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

PUT /switches/configBackups/{configBackupId}

Response samples

200400401403404422500

Content type

application/json

CopyExpand allCollapse all

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

Delete Switch Configuration Backup Deprecated

Delete switch's configuration backup by id.

AUTHORIZATIONS:	>	jwtAuth
PATH PARAMETERS		
configBackupId		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 /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.

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.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

switchId required string

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.

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

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.

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.

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.

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.

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

Copy

Expand all

Collapse all

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

Response samples

200

400

401

403

404

422

500

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "id": "string",
  "venueId": "string",
  "venueName": "string",
  "switchId": "string",
  "switchName": "string",
  "isStack": true,
  "model": "string",
  "currentFirmware": "string",
  "availableVersion": {
    "id": "string",
    "tenant": {

```

```
+   "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.

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.

AUTHORIZATIONS: > jwtAuth

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

id	string
venueIds	Array of strings
switchIds	Array of strings

Responses

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

DELETE /venues/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.

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",
  "updateAvailable": true
}
```

Response samples

200400401403404422500

Content type

application/json

CopyExpand allCollapse 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.

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.

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.

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

200400401403404422500

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "id": "string",
  "name": "string",
  "dhcpSnoopingTrust": true,
  "arpInspectionTrust": true,
  "ignoreFields": "string",
  "ipsig": 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": [
```

```

-   "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",
    "profileName": "string"
}

```

Update Port Deprecated

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

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

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

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"
poePriority	integer <int32>
lldpQos >	Array of objects (LldpQosBo) unique
taggedVlans	Array of strings unique
untaggedVlan	string
ingressAcl	string
egressAcl	string
tags	string
switchSerialNumber	string
ignoreFields	string
poeBudget	integer <int32>
voiceVlan	integer <int32> [1 .. 4095]
portEnable	boolean
poeEnable	boolean
poeCapability	boolean
portProtected	boolean
lldpEnable	boolean
rstpAdminEdgePort	boolean
stpBpduGuard	boolean
stpRootGuard	boolean
dhcpSnoopingTrust	boolean
arpInspectionTrust	boolean
ipsg	boolean
revert	boolean
flexibleAuthenticationEnabled	boolean
authenticationCustomize	boolean
authenticationProfileId	string
authenticationType	string Enum: "__NULL" "802.1x" "macauth" "802.1x_and_macauth"
changeAuthOrder	boolean
dot1xPortControl	string Enum: "__NULL" "auto" "force_authorized" "force_unauthorized" " "
authDefaultVlan	integer <int32> [1 .. 4095]
restrictedVlan	integer <int32> [1 .. 4095]

criticalVlan	integer <int32> [1 .. 4095]
guestVlan	integer <int32> [1 .. 4095]
authFailAction	string Enum: " __NULL " "block" "restricted_vlan"
authTimeoutAction	string Enum: " __NULL " "none" "failure" "success" "critical_vlan"
defaultVlan >	object (SwitchVlan)
switchPortProfileId	string
adminPtToPt	string Enum: "AUTO" "DISABLE" "ENABLE"
portSecurity	boolean
portSecurityMaxEntries	integer <int32>
switchMacAcl	string
poeScheduler >	object (SchedulerBo)
portSet	Array of strings unique
ignoreFieldSet	Array of strings unique
authenticationDataByProfile >	object (AuthenticationProfile)

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,
    "notSpanningTreePriorityZeroOrStepsOf4096": true,
    "defaultVlan": true,
    "stp": 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"
  },
-   "portSet": [
    "string"
  ],
-   "ignoreFieldSet": [
    "string"
  ],
-   "authenticationDataByProfile": {
    "id": "string",
+    "tenant": { ... },
    "profileName": "string",
    "authenticationType": "__NULL",
    "changeAuthOrder": true,
    "dot1xPortControl": "403_NULL", 404
  },
  "authDefaultVlan": 1,
  "restrictedVlan": 1,
  "criticalVlan": 1,
  "guestVlan": 1,
  "authFailAction": "__NULL",
  "authTimeoutAction": "__NULL"
}
{
  "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
```

Response samples

200

401 403 404

422

500

Content type
application/json

```
{
  "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
```

Copy Expand all Collapse all

```

    "priority": 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",
    "profileName": "string"
  }
}

```

Get Ports Deprecated

Get switch's port settings with port ids.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

→ switchId required string

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
- 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",
"profileName": "string"
}

```

Update Ports Deprecated

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

AUTHORIZATIONS: > jwtAuth

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,  
  "portType": "string"  
}
```

```

"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",
"profileName": "string"
}

```

Get Ports Deprecated

Get port settings of different switches.

AUTHORIZATIONS: > jwtAuth

REQUEST BODY SCHEMA: application/json ▼

required

Array [

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

```

Switch Static Routes

Manage static routes.

Get Static Route Deprecated

Get the specified static route.

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

GET /switches/staticRoutes/{staticRouteId}

Response samples

200400401403404422500

Content type

application/json

CopyExpand allCollapse all

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

Update Static Route Deprecated

Update the specified static route.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

staticRouteId

required

string

REQUEST BODY SCHEMA: application/json required

id

string

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

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.

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.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

switchId string
required

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> [1 .. 255]
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 multiple static routes.

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

Copy Expand all Collapse 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.

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

GET /switches/vlans/{vlanId}

Response samples

200400401403404422500

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
}
```

Update Switch VLAN Deprecated

Update a VLAN of the switch.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

→ vlanId 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
dummyVlan	boolean
switchVlanPortModel >	object (SwitchVlanPortModelBo)
rapidSpanningTreeProtocol	boolean
taggedPortsList	Array of strings
untaggedPortsList	Array of strings
notDummyVlan	boolean
defaultVlan	boolean
igmpSnoopingTypeChanged	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/vlans/{vlanId}

Request samples

Payload

Content type
application/json

```

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

```

Response samples

Content type

application/json

CopyExpand allCollapse 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
}
```

Delete Switch VLAN Deprecated

Delete a VLAN of the switch.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

→

 vlanId
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

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.

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.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

switchId

required

string

REQUEST BODY SCHEMA: application/json

required

id	string
vlanId	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	boolean
deleteVlanEnabled	boolean
dummyVlan	boolean
switchVlanPortModel >	object (SwitchVlanPortModelBo)

rapidSpanningTreeProtocol	boolean
taggedPortsList	Array of strings
untaggedPortsList	Array of strings
notDummyVlan	boolean
defaultVlan	boolean
igmpSnoopingTypeChanged	boolean

Responses

- > 200 OK
- > 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"
```

```

    "igmpSnooping": "active",
    "multicastVersion": 3,
    "spanningTreeProtocol": "rstp",
    "spanningTreePriority": 65535,
-   "switchFamilyModels": [
      + { ... }
    ],
    "managementVlan": true,
-   "switchVlanPortModels": [
      + { ... }
    ],
    "switchId": "string",
    "enableAsDefaultVlan": true,
    "deleteVlanEnabled": true,
    "dummyVlan": true,
-   "switchVlanPortModel": {
      "id": "string",
      "switchModel": "ICX7150-24",
      "taggedPorts": "string",
      "untaggedPorts": "string",
      "voicePorts": "string",
      + "taggedPortsList": [ ... ],
      + "untaggedPortsList": [ ... ],
      + "voicePortsList": [ ... ]
    },
    "rapidSpanningTreeProtocol": true,
-   "taggedPortsList": [
      "string"
    ],
-   "untaggedPortsList": [
      "string"
    ],
    "notDummyVlan": true,
    "defaultVlan": true,
    "igmpSnoopingTypeChanged": true
  }
}

```

Response samples

200

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
}
```

Query Switch VLANs Deprecated

Query the switch's switch-level VLANs.

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
searchTargetFields	Array of strings

Responses

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

POST /switches/{switchId}/vlans/query

Request samples

Payload

Content type
application/json

Copy Expand all Collapse all

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

Response samples

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

Content type
application/json

Copy Expand all Collapse all

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

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

Add Switch VLANs Deprecated

Create multiple VLANs under the specified switches.

AUTHORIZATIONS: > jwtAuth

REQUEST BODY SCHEMA: application/json ▼

required

Array [

id	string
vlanId	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	boolean
deleteVlanEnabled	boolean

dummyVlan	boolean
switchVlanPortModel >	object (SwitchVlanPortModelBo)
rapidSpanningTreeProtocol	boolean
taggedPortsList	Array of strings
untaggedPortsList	Array of strings
notDummyVlan	boolean
defaultVlan	boolean
igmpSnoopingTypeChanged	boolean

Responses

- > 200 OK
- > 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,
    "dummyVlan": true,
+   "switchVlanPortModel": { ... },
    "rapidSpanningTreeProtocol": true,
+   "taggedPortsList": [ ... ],
+   "untaggedPortsList": [ ... ],
    "notDummyVlan": true,
    "defaultVlan": true,
    "igmpSnoopingTypeChanged": true
  }
}
```

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.

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.

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",
  "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.

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.

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

Download

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.

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.

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.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

switchId	string
required	

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

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",
    "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.

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

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

CopyExpand allCollapse all

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

Response samples

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

Content type
application/json

CopyExpand allCollapse all

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

Delete Virtual Ethernet Settings Deprecated

Delete multiple virtual ethernet ports.

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.

AUTHORIZATIONS: >		jwtAuth
PATH PARAMETERS		
switchProfileId	string	
required		
trustedPortId	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 /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.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

switchProfileId	string
required	
trustedPortId	string
required	

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"
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.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

switchProfileId	string
required	
trustedPortId	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 /switchProfiles/{switchProfileId}/trustedPorts/{trustedPortId}

Response samples

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

Content type

application/json

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

Add Trusted Port Deprecated

Add the trusted port of the switch profile.

AUTHORIZATIONS: >

jwtAuth

PATH PARAMETERS

switchProfileId

string

required

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"
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

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

Delete Trusted Ports **Deprecated**

Delete multiple trusted ports of the specified switch profile.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

switchProfileId
required string

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.

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

200400401403404422500

Application/Json

CopyExpand allCollapse 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.

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

200400401403404422500

Content type
application/json

CopyExpand allCollapse 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.

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.

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.

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.

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.

AUTHORIZATIONS: > jwtAuth

PATH PARAMETERS

venueId required	string
--	--------

aaaSettingId required	string
REQUEST BODY SCHEMA: application/json ▾	
required	
authnEnabledSsh	boolean
authnEnableTelnet	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,
  "authnEnableTelnet": 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"
  }
}
```