XIQ API – Permission Requirements and User Roles

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Revisions History

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25r4	25r4 Updates	Tim	July 18, 2025
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Introduction

This document will list each category of XIQ APIs and all the API calls under those categories. Laid out as it is laid out on the api.extremecloudiq.com Swagger page. Under each category, the document will list the category permissions that can be used for the API calls in that category. Most categories have two permissions for the category. The first permission will match or be similar to the category's name. Example - **device** for the devices category. This permission will give access to all the GET, POST, PUT, PATCH, and DELETE API calls in that category. The second permission will be named the same as the first but followed with a *:r*. Example - **device:r** for the devices category. This permission will give access to only the GET API calls in that category.

This document will also list any additional permissions available for a particular API call. This would allow for a token to be created only to be able to perform a specific API call without having permission to do all API calls within the category. Example – **device:list** under the GET /devices API call. This would allow the token only to be able to view the list of devices using that API call but not be able to perform any of the other GET API calls in the devices category. This document also notes which Roles have access to each of the API call.

In addition, there is Appendix - A that lists the different roles with a list of the API calls available to those roles by default as well as Appendix – B that lists the different permissions with a list of the API calls available with that permission.

Authentication

No default permissions for this category

POST /login

No permissions needed – This call uses basic auth to generate a token. This token will have access to APIs based on the user's role.

POST /logout

Permissions:

"logout" – revokes currently used token

Roles:

"Operator",
"Help Desk",
"Monitor",
"Administrator",
"Installer",
"Observer",
"Guest Management"

Authorization

Permissions:

"auth" – Permission for all API calls in the Authorization Section
"auth:r" – Permission for all GET API calls in the Authorization Section

POST /auth/apitoken

Permissions:

"token:new" – Permission to generate a new token.

> NOTE: new tokens can only be granted permissions that the currently used token has.

Also included with *"auth"*

Roles:

"Operator",
"Administrator",
"Monitor",
"Installer"

POST /auth/apitoken/:validate

Permissions:

No Specific permission - included with *"auth"*

Roles:

"Operator",
"Administrator"

GET /auth/apitoken/info
Permissions:
No Specific permission - included with *"auth"* and *"auth:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Observer"

GET /auth/permissions
Permissions:
No Specific permission - included with *"auth"* and *"auth:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Observer"

POST /auth/permissions/:check
Permissions:
"perm:check" – Allows token to check permissions needed for any API call
Also included with *"auth"*
Roles
"Operator",
"Administrator"
Operation
Permissions:
"lro" – Permission for all API calls in the Operation Section
"lor:r" – Permission for all GET API calls in the Operation Section

GET /operations/{operationId}
Permissions:
No Specific permission - included with *"lro"* and *"lro:r"*
Roles:
"Operator",
"Administrator"

DELETE /operations/{operationId}
Permissions:
No Specific permission - included with *"lro"*
Roles:
"Operator",
"Administrator"

POST /operations/{operationId}/:cancel
Permissions:
No Specific permission - included with *"lro"*
Roles:
"Operator",
"Administrator"

Operation
Permissions:
"lro" – Permission for all API calls in the Operation Section
"lro:r" – Permission for all GET API calls in the Operartion Section

GET /operations/{operation id}
Permissions:
No Specific permission - included with *"lro"* and *"lro:r"*
Roles:
"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer",
"Guest Management"

DELETE /operations/{operation id}
Permissions:
No Specific permission - included with *"lro"*
Roles:
"Operator",
"Administrator"

POST /operations/{operation id}/:cancel
Permissions:
No Specific permission - included with *"lro"*
Roles:
"Operator",
"Administrator"

Account
"account" – Permission for all API calls in the Account Section
"account:r" – Permission for all GET API calls in the Account Section

POST /account/:switch

Permissions:

"account:switch" – Allows user to switch to external account

Also included with *"account"*

Roles:

"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer",
"Application Operator",
"Guest Management"

GET /account/external

Permissions:

No Specific permission - included with *"account"* and *"account:r"*

Roles:

"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer",
"Application Operator",
"Guest Management"

GET /account/home

Permissions:

No Specific permission - included with *"account"* and *"account:r"*

Roles:

"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer",
"Application Operator",
"Guest Management"

GET /account/third-party-applications

Permissions:

No Specific permission - included with *"account"* and *"account:r"*

Roles:

"Operator",

"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer",
"Application Operator",
"Guest Management"

GET /account/vhm/setting

Permissions:

No Specific permission - included with *"account"* and *"account:r"*

Roles:

"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer",
"Application Operator",
"Guest Management"

PUT /account/vhm/setting/{id}

Permissions:

No Specific permission - included with *"account"*

Roles:

"Operator",
"Administrator"

GET /account/vhm/setting/status

Permissions:

No Specific permission - included with *"account"* and *"account:r"*

Roles:

"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer",
"Application Operator",
"Guest Management"

GET /account/viq

Permissions:

No Specific permission - included with *"account"* and *"account:r"*

Roles:

"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer",
"Application Operator",
"Guest Management"

POST /account/viq/:backup

Permissions:
"viq:backup" – Permission to backup the viq.
Also included with *"account"*
Roles:
"Operator",
"Administrator"

POST /account/viq/:reset

Permissions:
No Specific permission - included with *"account"*
Roles:
"Operator",
"Administrator"

GET /account/viq/default-device-password

Permissions:
No Specific permission - included with *"account"* and *"account:r"*
Roles:
"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer",
"Application Operator",
"Guest Management"

PUT /account/viq/default-device-password

Permissions:
No Specific permission - included with *"account"*
Roles:
"Operator",
"Administrator"

GET /account/viq/download

Permissions:

No Specific permission - included with *"account"* and *"account:r"*
Roles:
"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer",
"Application Operator",
"Guest Management"

POST /account/viq/export
Permissions:
No Specific permission - included with *"account"*
Roles:
"Operator",
"Administrator"

GET /account/viq/export-import-status
Permissions:
No Specific permission - included with *"account"* and *"account:r"*
Roles:
"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer",
"Application Operator",
"Guest Management"

POST /account/viq/import
Permissions:
No Specific permission - included with *"account"*
Roles:
"Operator",
"Administrator"

POST /backup/history/:restore
Permissions:
NOT SET!
Roles:
NOT SET!

POST /backup/history/delete
Permissions:

NOT SET!
Roles:
NOT SET!

GET /backup/history/grid
Permissions:
NOT SET!
Roles:
NOT SET!

PUT /backup/history/grid
Permissions:
NOT SET!
Roles:
NOT SET!

Users
Permissions:
"user" – Permission for all API calls in the User Section
"user:r" – Permission for all GET API calls in the User Section

GET /users
Permissions:
No Specific permission - included with *"user"* and *"user:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Observer"

POST /users
Permissions:
No Specific permission - included with *"user"*
Roles:
"Administrator"

GET /users/{id}
Permissions:
No Specific permission - included with *"user"* and *"user:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Observer"

DELETE /users/{id}

Permissions:
No Specific permission - included with *"user"*
Roles:
"Administrator"

PATCH /users/{id}

Permissions:
No Specific permission - included with *"user"*
Roles:
"Administrator"

POST /users/data-usage

Permissions:
No Specific permission - included with *"user"*
Roles:
"Administrator"

GET /users/external

Permissions:
No Specific permission - included with *"user"* and *"user:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Observer"

POST /users/external

Permissions:
No Specific permission - included with *"user"*
Roles:
"Administrator"

GET /users/external/{id}

Permissions:
No Specific permission - included with *"user"* and *"user:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Observer"

DELETE /users/external/{id}

Permissions:
No Specific permission - included with *"user"*

Roles:
"Administrator"

PATCH /users/external/{id}
Permissions:
No Specific permission - included with *"user"*
Roles:
"Administrator"

POST /users/filter-metadata
Permissions:
No Specific permission - included with *"user"*
Roles:
"Administrator"

POST /users/grid
Permissions:
No Specific permission - included with *"user"*
Roles:
"Administrator"

POST /users/grid-export
Permissions:
No Specific permission - included with *"user"*
Roles:
"Administrator"

GET /users/me
Permissions:
"user-me:r" – Permission to view details on yourself
Roles:
"Operator",
"Administrator",
"Monitor"

GET /users/report/{id}
Permissions:
No Specific permission - included with *"user"* and *"user:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Observer"

POST /users/type-distribution
Permissions:
No Specific permission - included with *"user"*
Roles:
"Administrator"

Use Folder Preferences
No default permissions for this category

GET /user-folder-preferences
Permissions:
NOT SET!
Roles:
NOT SET!

POST /user-folder-preferences/:folderId
Permissions:
NOT SET!
Roles:
NOT SET!

HIQ
Permissions:
"hiq" – Permission for all API calls in the HIQ Section
"hiq:r" – Permission for all GET API calls in the HIQ Section

GET /hiq/context
Permissions:
"hiq.ctx" – Permission for control HIQ Context (HIQ account only).
"hiq.ctx:r" – Permission to read HIQ Context (HIQ account only).
Also included with *"hiq"* and *"hiq:r"*
Roles:
"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer"

PUT /hiq/context
Permissions:
"hiq.ctx" – Permission for control HIQ Context (HIQ account only).
"hiq.ctx:w" – Permission to switch HIQ Context (HIQ account only).
Also included with *"hiq"*

Roles:
"Operator",
"Administrator",
"Installer"

GET /hiq/context/creating
Permissions:
"hiq.ctx" – Permission for control HIQ Context (HIQ account only).
"hiq.ctx:r" – Permission to read HIQ Context (HIQ account only).
Also included with *"hiq"* and *"hiq:r"*
Roles:
"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer"

PUT /hiq/context/creating
Permissions:
"hiq.ctx" – Permission for full control HIQ Context (HIQ account only).
"hiq.ctx:w" – Permission to switch HIQ Context (HIQ account only).
Also included with *"hiq"*
Roles:
"Operator",
"Administrator",
"Installer"

GET /hiq/context/reading
Permissions:
"hiq.ctx" – Permission for control HIQ Context (HIQ account only).
"hiq.ctx:r" – Permission to read HIQ Context (HIQ account only).
Also included with *"hiq"* and *"hiq:r"*
Roles:
"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer"

PUT /hiq/context/reading
Permissions:
"hiq.ctx" – Permission for control HIQ Context (HIQ account only).
"hiq.ctx:w" – Permission to switch HIQ Context (HIQ account only).

Also included with *"hiq"*
Roles:
"Operator",
"Administrator",
"Installer"

GET /hiq/organizations
Permissions:
"org" – Permission for full control HIQ organizations (HIQ account only).
Also included with *"hiq"* and *"hiq:r"*
Roles:
"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /hiq/organizations
Permissions:
"org" – Permission for full control HIQ organizations (HIQ account only).
"org:new" – Permission to create HIQ organization (HIQ account only).
Also included with *"hiq"*
Roles:
"Operator",
"Administrator"

DELETE /hiq/organizations/{id}
Permissions:
"org" – Permission for full control HIQ organizations (HIQ account only).
"org:del" – Permission to delete HIQ organization (HIQ account only).
Also included with *"hiq"*
Roles:
"Operator",
"Administrator"

POST /hiq/organizations/{id}/:rename
Permissions:
"org" – Permission for full control HIQ organizations (HIQ account only).
"org:rename" – Permission to rename HIQ organization (HIQ account only).
Also included with *"hiq"*
Roles:
"Operator",
"Administrator"

GET /hiq/status
Permissions:
No Specific permission - included with *"hiq"* and *"hiq:r"*
Roles:
"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer"

Location
Permissions:
"locations" – Permission for all API calls in the Location Section
"locations:r" – Permission for all GET API calls in the Location Section

POST /locations
Permissions:
No Specific permission - included with *"locations"*
Roles:
"Operator",
"Administrator"
"Installer"

POST /locations/:init
Permissions:
No Specific permission - included with *"locations"*
Roles:
"Operator",
"Administrator"
"Installer"

PUT /locations/{id}
Permissions:
No Specific permission - included with *"locations"*
Roles:
"Operator",
"Administrator"
"Installer"

DELETE /locations/{id}
Permissions:
No Specific permission - included with *"locations"*
Roles:

"Operator",
"Administrator"
"Installer"

GET /locations/building

Permissions:

No Specific permission - included with *"locations"* and *"locations:r"*

Roles:

"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /locations/building

Permissions:

No Specific permission - included with *"locations"*

Roles:

"Operator",
"Administrator"
"Installer"

GET /locations/building/{id}

Permissions:

No Specific permission - included with *"locations"* and *"locations:r"*

Roles:

"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer"

PUT /locations/building/{id}

Permissions:

No Specific permission - included with *"locations"*

Roles:

"Operator",
"Administrator"
"Installer"

DELETE /locations/building/{id}

Permissions:

No Specific permission - included with *"locations"*

Roles:
"Operator",
"Administrator"
"Installer"

GET /locations/floor
Permissions:
No Specific permission - included with *"locations"* and *"locations:r"*
Roles:
"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /locations/floor
Permissions:
No Specific permission - included with *"locations"*
Roles:
"Operator",
"Administrator"
"Installer"

GET /locations/floor/{id}
Permissions:
No Specific permission - included with *"locations"* and *"locations:r"*
Roles:
"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer"

PUT /locations/floor/{id}
Permissions:
No Specific permission - included with *"locations"*
Roles:
"Operator",
"Administrator"
"Installer"

DELETE /locations/floor/{id}
Permissions:
No Specific permission - included with *"locations"*

Roles:
"Operator",
"Administrator"
"Installer"

POST /locations/floorplan
Permissions:
No Specific permission - included with *"locations"*
Roles:
"Operator",
"Administrator"
"Installer"

POST /locations/import/ekahau
Permissions:
No Specific permission - included with *"locations"*
Roles:
"Operator",
"Administrator"
"Installer"

GET /locations/site
Permissions:
No Specific permission - included with *"locations"* and *"locations:r"*
Roles:
"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /locations/site
Permissions:
No Specific permission - included with *"locations"*
Roles:
"Operator",
"Administrator"
"Installer"

GET /locations/site/{id}
Permissions:
No Specific permission - included with *"locations"* and *"locations:r"*
Roles:
"Operator",

"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer"

PUT /locations/site/{id}
Permissions:
No Specific permission - included with *"locations"*
Roles:
"Operator",
"Administrator"
"Installer"

DELETE /locations/site/{id}
Permissions:
No Specific permission - included with *"locations"*
Roles:
"Operator",
"Administrator"
"Installer"

GET /locations/tree
Permissions:
No Specific permission - included with *"locations"* and *"locations:r"*
Roles:
"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer"

GET /locations/tree/devices
Permissions:
No Specific permission - included with *"locations"* and *"locations:r"*
Roles:
"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer"

GET /locations/tree/maps
Permissions:

No Specific permission - included with *"locations"* and *"locations:r"*
Roles:
"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer"

GET /locations/wall/type
Permissions:
No Specific permission - included with *"locations"* and *"locations:r"*
Roles:
"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /locations/wall/type
Permissions:
No Specific permission - included with *"locations*
Roles:
"Operator",
"Administrator",
"Installer"

PUT /locations/wall/type/{id}
Permissions:
No Specific permission - included with *"locations"*
Roles:
"Operator",
"Administrator",
"Installer"

DELETE /locations/wall/type/{id}
Permissions:
No Specific permission - included with *"locations"*
Roles:
"Operator",
"Administrator",
"Installer"

GET /locations/wall/type/references/{id}
Permissions:

No Specific permission - included with *"locations"* and *"locations:r"*
Roles:
"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer"

Device
Permissions:
"device" – Permission for all API calls in the Device Section
"device:r" – Permission for all GET API calls in the Device Section

GET /devices
Permissions:
"device:list" – Permission to get the list of devices
Also included with *"device"* and *"device:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /devices/:advanced-onboard
Permissions:
No Specific permission - included with *"device"*
Roles:
"Operator",
"Administrator",
"Installer"

POST /devices/:check-ownership
Permissions:
No Specific permission - included with *"device"*
Roles:
"Operator",
"Administrator",
"Installer"

POST /devices/:cli
Permissions:
"device:cli" – Permission to send cli commands to device(s)
Also included with *"device"*

Roles:
"Operator",
"Administrator",
"Installer"

POST /devices/:delete
Permissions:
"device:del" – Permission to delete device(s)
Also included with *"device"*
Roles:
"Operator",
"Administrator",
"Installer"

POST /devices/:manage
Permissions:
"device:mange" – Permission to change management on device(s) to MANAGED
Also included with *"device"*
Roles:
"Operator",
"Administrator",
"Installer"

POST /devices/:onboard
Permissions:
"device:new" – Permission to onboard device(s)
Also included with *"device"*
Roles:
"Operator",
"Administrator",
"Installer"

POST /devices/:reboot
Permissions:
"device:reboot" – Permission to reboot device(s)
Also included with *"device"*
Roles:
"Operator",
"Administrator",
"Installer"

POST /devices/:reset
Permissions:
No Specific permission - included with *"device"*
Roles:

"Operator",
"Administrator",
"Installer"

POST /devices/:ssh-active-sessions
Permissions:
No Specific permission - included with *"device"*
Roles:
"Operator",
"Administrator",
"Installer"

POST /devices/:unmanage
Permissions:
"device:mange" – Permission to change management on device(s) to UNMANAGED
Also included with *"device"*
Roles:
"Operator",
"Administrator",
"Installer"

GET /devices/{id}
Permissions:
"device:view" – Permission to view details of a device
Also included with *"device"* and *"device:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

DELETE /devices/{id}
Permissions:
No Specific permission - included with *"device"*
Roles:
"Operator",
"Administrator",
"Installer"

POST /devices/{id}/:cli
Permissions:
No Specific permission - included with *"device"*
Roles:
"Operator",
"Administrator",

"Installer"

POST /devices/{id}/:manage

Permissions:

No Specific permission - included with *"device"*

Roles:

"Operator",
"Administrator",
"Installer"

POST /devices/{id}/:reboot

Permissions:

No Specific permission - included with *"device"*

Roles:

"Operator",
"Administrator",
"Installer"

POST /devices/{id}/:reset

Permissions:

"device:reset" – Permission to reset a device to factory default

Also included with *"device"*

Roles:

"Operator",
"Administrator",
"Installer"

POST /devices/{id}/:unmanage

Permissions:

No Specific permission - included with *"device"*

Roles:

"Operator",
"Administrator",
"Installer"

GET /devices/{id}/alarms

Permissions:

No Specific permission - included with *"device"* and *"device:r"*

Roles:

"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /devices/{id}/bounce-port
Permissions:
No Specific permission - included with *"device"*
Roles:
"Operator",
"Administrator",
"Installer"

GET /devices/{id}/client-monitor
Permissions:
No Specific permission - included with *"device"* and *"device:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer

PUT /devices/{id}/client-monitor
Permissions:
No Specific permission - included with *"device"*
Roles:
"Operator",
"Administrator",
"Installer"

DELETE /devices/{id}/client-monitor
Permissions:
No Specific permission - included with *"device"*
Roles:
"Operator",
"Administrator",
"Installer"

PUT /devices/{id}/description
Permissions:
No Specific permission - included with *"device"*
Roles:
"Operator",
"Administrator",
"Installer"

GET /devices/{id}/ftm-settings
Permissions:
No Specific permission - included with *"device"* and *"device:r"*
Roles:

"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /devices/{id}/config/ftm-settings
Permissions:
No Specific permission - included with *"device"*
Roles:
"Operator",
"Administrator",
"Installer"

DELETE /devices/{id}/config/ftm-settings
Permissions:
No Specific permission - included with *"device"*
Roles:
"Operator",
"Administrator",
"Installer"

GET /devices/{id}/gallery-image
Permissions:
No Specific permission - included with *"device"* and *"device:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

GET /devices/{id}/geolocation
Permissions:
No Specific permission - included with *"device"* and *"device:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

GET /devices/{id}/history/cpu-mem
Permissions:
No Specific permission - included with *"device"* and *"device:r"*
Roles:

"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

PUT /devices/{id}/hostname

Permissions:
No Specific permission - included with *"device"*
Roles:
"Operator",
"Administrator",
"Installer"

GET /devices/{id}/ibeacon

Permissions:
No Specific permission - included with *"device"* and *"device:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

GET /devices/{id}/installation-report

Permissions:
No Specific permission - included with *"device"* and *"device:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

GET /devices/{id}/interfaces/wifi

Permissions:
No Specific permission - included with *"device"* and *"device:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

GET /devices/{id}/iot

Permissions:

No Specific permission - included with *"device"* and *"device:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /devices/{id}/iot/:disable
Permissions:
No Specific permission - included with *"device"*
Roles:
"Operator",
"Administrator",
"Installer"

POST /devices/{id}/iot/:enable
Permissions:
No Specific permission - included with *"device"*
Roles:
"Operator",
"Administrator",
"Installer"

GET /devices/{id}/location
Permissions:
No Specific permission - included with *"device"* and *"device:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

PUT /devices/{id}/location
Permissions:
No Specific permission - included with *"device"*
Roles:
"Operator",
"Administrator",
"Installer"

DELETE /devices/{id}/location
Permissions:
No Specific permission - included with *"device"*

Roles:
"Operator",
"Administrator",
"Installer"

PUT /devices/{id}/mobileapp/gps
Permissions:
No Specific permission - included with *"device"*
Roles:
"Operator",
"Administrator",
"Installer"

POST /devices/{id}/monitor/:refresh
Permissions:
No Specific permission - included with *"device"*
Roles:
"Operator",
"Administrator",
"Installer"

GET /devices/{id}/monitor/refresh/status
Permissions:
No Specific permission - included with *"device"* and *"device:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

GET /devices/{id}/network-policy
Permissions:
No Specific permission - included with *"device"* and *"device:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

PUT /devices/{id}/network-policy
Permissions:
No Specific permission - included with *"device"*
Roles:
"Operator",

"Administrator",
"Installer"

DELETE /devices/{id}/network-policy
Permissions:
No Specific permission - included with *"device"*
Roles:
"Operator",
"Administrator",
"Installer"

GET /devices/{id}/radio-operating-mode
Permissions:
No Specific permission - included with *"device"* and *"device:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

PUT /devices/{id}/radio-operating-mode
Permissions:
No Specific permission - included with *"device"*
Roles:
"Operator",
"Administrator",
"Installer"

POST /devices/{id}/ssid/:override
Permissions:
No Specific permission - included with *"device"*
Roles:
"Operator",
"Administrator",
"Installer"

GET /devices/{id}/ssid/status
Permissions:
No Specific permission - included with *"device"* and *"device:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /devices/{id}/ssid/status/:change

Permissions:

No Specific permission - included with *"device"*

Roles:

"Operator",
"Administrator",
"Installer"

POST /devices/{id}/thread/commissioner/:start

Permissions:

"device:thread-commissioner" – Permission to change thread commissioner to device(s)

Also included with *"device"*

Roles:

"Operator",
"Administrator",
"Installer"

POST /devices/{id}/thread/commissioner/:stop

Permissions:

"device:thread-commissioner" – Permission to change thread commissioner to device(s)

Also included with *"device"*

Roles:

"Operator",
"Administrator",
"Installer"

PUT /devices/{id}/thread/visible

Permissions:

No Specific permission - included with *"device"*

Roles:

"Operator",
"Administrator",
"Installer"

POST /devices/actions-support-metadata

Permissions:

No Specific permission - included with *"device"*

Roles:

"Operator",
"Administrator",
"Installer"

POST /devices/anchor/assign

Permissions:

No Specific permission - included with *"device"*

Roles:

"Operator",
"Administrator",
"Installer"

POST /devices/anchor/revoke

Permissions:
No Specific permission - included with *"device"*
Roles:
"Operator",
"Administrator",
"Installer"

POST /devices/client-monitor/:assign

Permissions:
No Specific permission - included with *"device"*
Roles:
"Operator",
"Administrator",
"Installer"

POST /devices/ client-monitor/:revoke

Permissions:
No Specific permission - included with *"device"*
Roles:
"Operator",
"Administrator",
"Installer"

POST /devices/client-monitor/:query

Permissions:
No Specific permission - included with *"device"*
Roles:
"Operator",
"Administrator",
"Installer"

POST /devices/country-code/:assign

Permissions:
No Specific permission - included with *"device"*
Roles:
"Operator",
"Administrator",
"Installer"

GET /devices/{id}/digital-twin
Permissions:
"device:view" – Permission to view details of a device

Also included with *"device"* and *"device:r"*

Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

PUT /devices/ibeacon
Permissions:
No Specific permission - included with *"device"*
Roles:
"Operator",
"Administrator",
"Installer"

POST /devices/location/:assign
Permissions:
No Specific permission - included with *"device"*
Roles:
"Operator",
"Administrator",
"Installer"

POST /devices/location/:query
Permissions:
No Specific permission - included with *"device"*
Roles:
"Operator",
"Administrator",
"Installer"

POST /devices/location/:revoke
Permissions:
No Specific permission - included with *"device"*
Roles:
"Operator",
"Administrator",
"Installer"

POST /devices/network-policy/:assign

Permissions:

No Specific permission - included with *"device"*

Roles:

"Operator",
"Administrator",
"Installer"

POST /devices/network-policy/:query

Permissions:

No Specific permission - included with *"device"*

Roles:

"Operator",
"Administrator",
"Installer"

POST /devices/network-policy/:revoke

Permissions:

No Specific permission - included with *"device"*

Roles:

"Operator",
"Administrator",
"Installer"

GET /devices/network-policy/{policyId}

Permissions:

No Specific permission - included with *"device"* and *"device:r"*

Roles:

"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /devices/os/:change

Permissions:

No Specific permission - included with *"device"*

Roles:

"Operator",
"Administrator",
"Installer"

GET /devices/radio-information

Permissions:

"device:list" – Permission to get the list of devices
Also included with *"device"* and *"device:r"*

Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

PUT /devices/radius-proxy/:assign
Permissions:
No Specific permission - included with *"device"*
Roles:
"Operator",
"Administrator",
"Installer"

DELETE /devices/radius-proxy/:revoke
Permissions:
No Specific permission - included with *"device"*
Roles:
"Operator",
"Administrator",
"Installer"

GET /devices/reports/{id}
Permissions:
No Specific permission - included with *"device"* and *"device:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /devices/rm-devices-connection-status
Permissions:
"'device:relaxed_read'" – Permission to read using the POST call
Also included with *"device"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /devices/rm-devices-metadata

Permissions:

"'device:relaxed_read'" – Permission to read using the POST call

Also included with *"device"*

Roles:

"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /devices/rm-devices-page

Permissions:

"'device:relaxed_read'" – Permission to read using the POST call

Also included with *"device"*

Roles:

"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /devices/rm-devices-page/export

Permissions:

"'device:relaxed_read'" – Permission to read using the POST call

Also included with *"device"*

Roles:

"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

GET /devices/rm-devices-stack/{id}

Permissions:

No Specific permission - included with *"device"* and *"device:r"*

Roles:

"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

GET /devices/stats

Permissions:

"device:view" – Permission to view details of a device

Also included with *"device"* and *"device:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

Network Policy
Permissions:
"network-policy" – Permission for all API calls in the Network Policy Section
"network-policy:r" – Permission for all GET API calls in the Network Policy Section

GET /network-policies
Permissions:
No Specific permission - included with *"network-policy"* and *"network-policy:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /network-policies
Permissions:
No Specific permission - included with *"network-policy"*
Roles:
"Operator",
"Administrator"

GET /network-policies/{id}
Permissions:
No Specific permission - included with *"network-policy"* and *"network-policy:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

PUT /network-policies/{id}
Permissions:
No Specific permission - included with *"network-policy"*
Roles:

"Operator",
"Administrator"

DELETE /network-policies/{id}
Permissions:
No Specific permission - included with *"network-policy"*
Roles:
"Operator",
"Administrator"

GET /network-policies/{id}/ssids
Permissions:
No Specific permission - included with *"network-policy"* and *"network-policy:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /network-policies/{id}/ssids/:add
Permissions:
"policy:ssid" – SSID management on network-policy
Also included with *"network-policy"*
Roles:
"Operator",
"Administrator"

POST /network-policies/{id}/ssids/:remove
Permissions:
"policy:ssid" – SSID management on network-policy
Also included with *"network-policy"*
Roles:
"Operator",
"Administrator"

Client
Permissions:
"client" – Permission for all API calls in the Client Section
"client:r" – Permission for all GET API calls in the Client Section

GET /clients/{id}
Permissions:
No Specific permission - included with *"client"* and *"client:r"*

Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

GET /clients/active
Permissions:
No Specific permission - included with *"client"* and *"client:r"*
Roles:
"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer"

PUT /clients/alias
Permissions:
No Specific permission - included with *"client"*
Roles:
"Operator",
"Administrator"

GET /clients/active/count
Permissions:
No Specific permission - included with *"client"* and *"client:r"*
Roles:
"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer"

GET /clients/byMac/{client_mac}
Permissions:
No Specific permission - included with *"client"* and *"client:r"*
Roles:
"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer"

DELETE /clients/byMac/{client_mac}
Permissions:
No Specific permission - included with *"client"*
Roles:
"Operator",
"Administrator"

POST /clients/disconnect
Permissions:
No Specific permission - included with *"client"*
Roles:
"Operator",
"Administrator"

GET /clients/summary
Permissions:
No Specific permission - included with *"client"* and *"client:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

GET /clients/usage
Permissions:
No Specific permission - included with *"client"* and *"client:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

Client - Details
No default permissions for this category

GET /client-details/client-trail/connectivity-experience/{id}
Permissions:
NOT SET!
Roles:
NOT SET!

GET /client-details/client-trail/roaming-trail/count/{id}
Permissions:

NOT SET!
Roles:
NOT SET!

GET /client-details/client-trail/roaming-trail/grid/{id}
Permissions:
NOT SET!
Roles:
NOT SET!

GET /client-details/overview/chart-data/{id}
Permissions:
NOT SET!
Roles:
NOT SET!

GET /client-details/overview/info/{id}
Permissions:
NOT SET!
Roles:
NOT SET!

GET /client-details/topology/client-trail/{client_mac}
Permissions:
NOT SET!
Roles:
NOT SET!

Switch Inspector Panel
No default permissions for this category

POST /switch-inspector/diagnostics
Permissions:
NOT SET!
Roles:
NOT SET!

D360
Permissions:
"d360:relaxed_read" – Permission for all API calls in the D360 Section

POST /d360/client/graph
Permissions:

No Specific permission - included with *"d360:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /d360/client/grid

Permissions:
No Specific permission - included with *"d360:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /d360/client/grid/metadata

Permissions:
NOT SET!
Roles:
NOT SET!

POST /d360/client/stats

Permissions:
NOT SET!
Roles:
NOT SET!

POST /d360/device/interfaces

Permissions:
NOT SET!
Roles:
NOT SET!

POST /d360/device/issues

Permissions:
NOT SET!
Roles:
NOT SET!

POST /d360/device/metadata

Permissions:
NOT SET!
Roles:

NOT SET!

POST /d360/device/stats
Permissions:
NOT SET!
Roles:
NOT SET!

POST /d360/event/graph
Permissions:
NOT SET!
Roles:
NOT SET!

POST /d360/overview/devices-summary
Permissions:
NOT SET!
Roles:
NOT SET!

POST /d360/ssid-metadata
Permissions:
NOT SET!
Roles:
NOT SET!

POST /d360/wired/queue-grid
Permissions:
NOT SET!
Roles:
NOT SET!

POST /d360/wireless/interfaces-graph
Permissions:
NOT SET!
Roles:
NOT SET!

POST /d360/wireless/interfaces-stats
Permissions:
NOT SET!
Roles:
NOT SET!

POST /d360/wireless/surrounding-aps

Permissions:

No Specific permission - included with *"d360:relaxed_read"*

Roles:

"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

Dashboard

Permissions:

"dashboard:relaxed_read" – Permission for all API calls in the Dashboard Section

POST /dashboard/alerts

Permissions:

No Specific permission - included with *"dashboard:relaxed_read"*

Roles:

"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /dashboard/assets

Permissions:

No Specific permission - included with *"dashboard:relaxed_read"*

Roles:

"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /dashboard/clients

Permissions:

No Specific permission - included with *"dashboard:relaxed_read"*

Roles:

"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

GET /dashboard/device-types

Permissions:
NOT SET!
Roles:
NOT SET!

POST /dashboard/devices

Permissions:
No Specific permission - included with *"dashboard:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /dashboard/export

Permissions:
No Specific permission - included with *"dashboard:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

GET /dashboard/reports/{id}

Permissions:
NOT SET!
Roles:
NOT SET!

POST /dashboard/sites-with-issues

Permissions:
No Specific permission - included with *"dashboard:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /dashboard/usage-capacity

Permissions:
No Specific permission - included with *"dashboard:relaxed_read"*
Roles:

"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

GET /dashboard/wireless/dashboard/critera
Permissions:
NOT SET!
Roles:
NOT SET!

POST /dashboard/wireless/dashboard/critera
Permissions:
No Specific permission - included with *"dashboard:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

Dashboard Wired Usage and Capacity
"dashboard:relaxed_read" – Permission for all API calls in the Dashboard Section

POST /dashboard/wired/usage-capacity/grid
Permissions:
No Specific permission - included with *"dashboard:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /dashboard/wired/usage-capacity/usage-utilization
Permissions:
No Specific permission - included with *"dashboard:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /dashboard/wired/usage-capacity/wired-congestion
Permissions:
No Specific permission - included with *"dashboard:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /dashboard/wired/usage-capacity/wired-throughput
Permissions:
No Specific permission - included with *"dashboard:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

Dashboard Wired Client Health

"dashboard:relaxed_read" – Permission for all API calls in the Dashboard Section

POST /dashboard/wired/client-health/grid
Permissions:
No Specific permission - included with *"dashboard:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /dashboard/wired/client-health/ip-connectivity-issues
Permissions:
No Specific permission - included with *"dashboard:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer"

POST /dashboard/wired/client-health/port-congestion
Permissions:
No Specific permission - included with *"dashboard:relaxed_read"*

Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /dashboard/wired/client-health/port-errors
Permissions:
No Specific permission - included with *"dashboard:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /dashboard/wired/client-health/traffic-anomalies
Permissions:
No Specific permission - included with *"dashboard:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

Dashboard Wired Device Health
"dashboard:relaxed_read" – Permission for all API calls in the Dashboard Section

POST /dashboard/wired/device-health/cpu-usage-issues
Permissions:
No Specific permission - included with *"dashboard:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /dashboard/wired/device-health/fan-issues
Permissions:
No Specific permission - included with *"dashboard:relaxed_read"*
Roles:
"Operator",

"Administrator",
"Monitor",
"Installer",
"Observer"

POST /dashboard/wired/device-health/fan-status
Permissions:
No Specific permission - included with *"dashboard:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /dashboard/wired/device-health/grid
Permissions:
No Specific permission - included with *"dashboard:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /dashboard/wired/device-health/memory-usage-issues
Permissions:
No Specific permission - included with *"dashboard:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /dashboard/wired/device-health/poe-usage-issues
Permissions:
No Specific permission - included with *"dashboard:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /dashboard/wired/device-health/poe-usage-status

Permissions:

No Specific permission - included with *"dashboard:relaxed_read"*

Roles:

"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /dashboard/wired/device-health/psu-issues

Permissions:

No Specific permission - included with *"dashboard:relaxed_read"*

Roles:

"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /dashboard/wired/device-health/psu-status

Permissions:

No Specific permission - included with *"dashboard:relaxed_read"*

Roles:

"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /dashboard/wired/device-health/summary

Permissions:

No Specific permission - included with *"dashboard:relaxed_read"*

Roles:

"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /dashboard/wired/device-health/temperature-issues

Permissions:

No Specific permission - included with *"dashboard:relaxed_read"*

Roles:

"Operator",
"Administrator",

"Monitor",
"Installer",
"Observer"

POST /dashboard/wired/device-health/temperature-status
Permissions:
No Specific permission - included with *"dashboard:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

Dashboard Wireless Usage and Capacity

"dashboard:relaxed_read" – Permission for all API calls in the Dashboard Section

POST /dashboard/wireless/usage-capacity/excessive-packet-loss
Permissions:
No Specific permission - included with *"dashboard:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /dashboard/wireless/usage-capacity/excessive-retries
Permissions:
No Specific permission - included with *"dashboard:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /dashboard/wireless/usage-capacity/excessive-utilization
Permissions:
No Specific permission - included with *"dashboard:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",

"Observer"

POST /dashboard/wireless/usage-capacity/export
Permissions:
No Specific permission - included with *"dashboard:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /dashboard/wireless/usage-capacity/grid
Permissions:
No Specific permission - included with *"dashboard:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

GET /dashboard/wireless/usage-capacity/reports/{id}
Permissions:
NOT SET!
Roles:
NOT SET!

Dashboard Wireless Client Health

"dashboard:relaxed_read" – Permission for all API calls in the Dashboard Section

POST /dashboard/wireless/client-health/connectivity-issues
Permissions:
No Specific permission - included with *"dashboard:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /dashboard/wireless/client-health/export
Permissions:
No Specific permission - included with *"dashboard:relaxed_read"*
Roles:

"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /dashboard/wireless/client-health/filter-metadata
Permissions:
No Specific permission - included with *"dashboard:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /dashboard/wireless/client-health/frequency-distribution
Permissions:
No Specific permission - included with *"dashboard:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /dashboard/wireless/client-health/grid
Permissions:
No Specific permission - included with *"dashboard:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /dashboard/wireless/client-health/issue/association
Permissions:
No Specific permission - included with *"dashboard:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /dashboard/wireless/client-health/issue/authentication
Permissions:
No Specific permission - included with *"dashboard:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /dashboard/wireless/client-health/issue/ipaddress
Permissions:
No Specific permission - included with *"dashboard:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /dashboard/wireless/client-health/issue/roaming
Permissions:
No Specific permission - included with *"dashboard:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

GET /dashboard/wireless/client-health/reports/{id}
Permissions:
NOT SET!
Roles:
NOT SET!

POST /dashboard/wireless/client-health/roaming-issues
Permissions:
No Specific permission - included with *"dashboard:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

Dashboard Wireless Device Health

No default permissions for this category

POST /dashboard/wireless/device-health/export
Permissions:
No Specific permission - included with *"dashboard:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /dashboard/wireless/device-health/grid
Permissions:
No Specific permission - included with *"dashboard:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /dashboard/wireless/device-health/cpu-usage-issues
Permissions:
No Specific permission - included with *"dashboard:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /dashboard/wireless/device-health/memory-usage-issues
Permissions:
No Specific permission - included with *"dashboard:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /dashboard/wireless/device-health/poe-usage-issues
Permissions:

No Specific permission - included with *"dashboard:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

GET /dashboard/wireless/device-health/reports/{id}
Permissions:
NOT SET!
Roles:
NOT SET!

GET /dashboard/wireless/device-health/reboot/summary
Permissions:
NOT SET!
Roles:
NOT SET!

POST /dashboard/wireless/device-health/summary
Permissions:
No Specific permission - included with *"dashboard:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

Geo View

No default permissions for this category

GET /geo-view
Permissions:
NOT SET!
Roles:
NOT SET!

Application

Permissions:
"app" – Permission for all API calls in the Application Section
"application:r" – Permission for all GET API calls in the Application Section

GET /applications

Permissions:
No Specific permission - included with *"app"* and *"application:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Observer"

GET /applications/{id}/clients/top{n}

Permissions:
No Specific permission - included with *"app"* and *"application:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Observer"

GET /applications/reports/{id}

Permissions:
"applications-reports" – Permission for application reports.
Also included with *"app"* and *"application:r"*
Roles:
"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer"

GET /applications/top{n}

Permissions:
No Specific permission - included with *"app"* and *"application:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Observer"

POST /applications/usage/summary

Permissions:
"applications-usage" – Permission for application usage.
Also included with *"app"*
Roles:

"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /applications/usage/summary/export
Permissions:
"applications-usage" – Permission for application usage.
Also included with *"app"*
Roles:
"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer"

GET /applications/usage/summary/meta-data
Permissions:
"applications-usage" – Permission for application usage.
Also included with *"app"* and *"application:r"*
Roles:
"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer"

Alert
No default permissions for this category

GET /alert-policies
Permissions:
"alert-policies" – Permission for full control of alert polices.
"alert-policies:r" – Permission to read alert polices.
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /alert-policies

Permissions:

"alert-policies" – Permission for full control of alert polices.

Roles:

"Operator",
"Administrator"

GET /alert-policies/{id}

Permissions:

"alert-policies" – Permission for full control of alert polices.
"alert-policies:r" – Permission to read alert polices.

Roles:

"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

PUT /alert-policies/{id}

Permissions:

"alert-policies" – Permission for full control of alert polices.

Roles:

"Operator",
"Administrator"

DELETE /alert-policies/{id}

Permissions:

"alert-policies" – Permission for full control of alert polices.

Roles:

"Operator",
"Administrator"

GET /alert-policies/{id}/rules/{alert_rule_id}

Permissions:

"alert-policies" – Permission for full control of alert polices.
"alert-policies:r" – Permission to read alert polices.

Roles:

"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

PUT /alert-policies/{id}}/rules/{alert_rule_id}

Permissions:

"alert-policies" – Permission for full control of alert polices.

Roles:

"Operator",
"Administrator"

POST /alert-policies/{id}}/rules/{alert_rule_id}/:disable

Permissions:

"alert-policies" – Permission for full control of alert polices.

Roles:

"Operator",
"Administrator"

PUT /alert-policies/{id}}/rules/{alert_rule_id}/:enable

Permissions:

"alert-policies" – Permission for full control of alert polices.

Roles:

"Operator",
"Administrator"

GET /alert-policies/available-sites

Permissions:

"alert-policies" – Permission for full control of alert polices.

"alert-policies:r" – Permission to read alert polices.

Roles:

"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

GET /alert-subscriptions/emails

Permissions:

"alert-subscriptions" – Permission for full control of alert subscriptions.

"alert-subscriptions:r" – Permission to read alert subscriptions.

Roles:

"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer

POST /alert-subscriptions/emails

Permissions:

"alert-subscriptions" – Permission for full control of alert subscriptions.
Roles:
"Operator",
"Administrator"

POST /alert-subscriptions/emails/:delete
Permissions:
"alert-subscriptions" – Permission for full control of alert subscriptions.
Roles:
"Operator",
"Administrator"

GET /alert-subscriptions/emails/{id}
Permissions:
"alert-subscriptions" – Permission for full control of alert subscriptions.
"alert-subscriptions:r" – Permission to read alert subscriptions.
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer

PUT /alert-subscriptions/emails/{id}
Permissions:
"alert-subscriptions" – Permission for full control of alert subscriptions.
Roles:
"Operator",
"Administrator"

DELETE /alert-subscriptions/emails/{id}
Permissions:
"alert-subscriptions" – Permission for full control of alert subscriptions.
Roles:
"Operator",
"Administrator"

POST /alert-subscriptions/emails/{id}/:verify
Permissions:
"alert-subscriptions" – Permission for full control of alert subscriptions.
Roles:
"Operator",
"Administrator"

GET /alert-subscriptions/servicenow
Permissions:

"alert-subscriptions" – Permission for full control of alert subscriptions.

"alert-subscriptions:r" – Permission to read alert subscriptions.

Roles:

"Operator",

"Administrator",

"Monitor",

"Installer",

"Observer

POST /alert-subscriptions/servicenow

Permissions:

"alert-subscriptions" – Permission for full control of alert subscriptions.

Roles:

"Operator",

"Administrator"

POST /alert-subscriptions/servicenow/:delete

Permissions:

"alert-subscriptions" – Permission for full control of alert subscriptions.

Roles:

"Operator",

"Administrator"

GET /alert-subscriptions/servicenow/{id}

Permissions:

"alert-subscriptions" – Permission for full control of alert subscriptions.

"alert-subscriptions:r" – Permission to read alert subscriptions.

Roles:

"Operator",

"Administrator",

"Monitor",

"Installer",

"Observer

PUT /alert-subscriptions/servicenow/{id}

Permissions:

"alert-subscriptions" – Permission for full control of alert subscriptions.

Roles:

"Operator",

"Administrator"

PATCH /alert-subscriptions/servicenow/{id}

Permissions:

"alert-subscriptions" – Permission for full control of alert subscriptions.

Roles:

"Operator",
"Administrator"

GET /alert-subscriptions/webhooks
Permissions:
"alert-subscriptions" – Permission for full control of alert subscriptions.
"alert-subscriptions:r" – Permission to read alert subscriptions.
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer

POST /alert-subscriptions/webhooks
Permissions:
"alert-subscriptions" – Permission for full control of alert subscriptions.
Roles:
"Operator",
"Administrator"

POST /alert-subscriptions/webhooks/:delete
Permissions:
"alert-subscriptions" – Permission for full control of alert subscriptions.
Roles:
"Operator",
"Administrator"

GET /alert-subscriptions/webhooks /{id}
Permissions:
"alert-subscriptions" – Permission for full control of alert subscriptions.
"alert-subscriptions:r" – Permission to read alert subscriptions.
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer

PUT /alert-subscriptions/webhooks /{id}
Permissions:
"alert-subscriptions" – Permission for full control of alert subscriptions.
Roles:
"Operator",
"Administrator"

DELETE /alert-subscriptions/webhooks /{id}
Permissions:
"alert-subscriptions" – Permission for full control of alert subscriptions.
Roles:
"Operator",
"Administrator"

GET /alerts
Permissions:
"alert" – Permission for full control of alerts.
"alert:r" – Permission to read alerts.
Roles:
"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /alerts/:acknowledge
Permissions:
"alert" – Permission for full control of alert subscriptions.
Roles:
"Operator",
"Administrator"

GET /alerts/count-by-{group}
Permissions:
"alert" – Permission for full control of alerts.
"alert:r" – Permission to read alerts.
Roles:
"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /alerts/report
Permissions:
"alert" – Permission for full control of alert subscriptions.
Roles:
"Operator",
"Administrator"

GET /alerts/reports/{id}

Permissions:
"alert" – Permission for full control of alerts.
"alert:r" – Permission to read alerts.
Roles:
"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer"

Log

Permissions:
"log" – Permission for all API calls in the Log Section
"log:r" – Permission for all GET API calls in the Log Section

GET /logs/accounting

Permissions:
No Specific permission - included with *"log"* and *"log:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
'Installer',
"Observer",
"Application Operator"

GET /logs/audit

Permissions:
No Specific permission - included with *"log"* and *"log:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
'Installer',
"Observer",
"Application Operator"

GET /logs/audit/full-descriptions/{id}

Permissions:
No Specific permission - included with *"log"* and *"log:r"*
Roles:
"Operator",

"Administrator",
"Monitor",
'Installer',
"Observer",
"Application Operator"

POST /logs/audit/reports
Permissions:
No Specific permission - included with *"log"*
Roles:
"Operator",
"Administrator

GET /logs/audit/reports/{id}
Permissions:
No Specific permission - included with *"log"* and *"log:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
'Installer',
"Observer",
"Application Operator"

GET /logs/auth
Permissions:
No Specific permission - included with *"log"* and *"log:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
'Installer',
"Observer",
"Application Operator"

GET /logs/credential
Permissions:
No Specific permission - included with *"log"* and *"log:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
'Installer',
"Observer",
"Application Operator"

GET /logs/email
Permissions:
No Specific permission - included with *"log"* and *"log:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
'Installer',
"Observer",
"Application Operator"

GET /logs/sms
Permissions:
No Specific permission - included with *"log"* and *"log:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
'Installer',
"Observer",
"Application Operator"

Notification
Permissions:
" subscriptions-webhook" – Permission for all API calls in the Notification Section
" subscriptions-webhook:r" – Permission for all GET API calls in the Notification Section

GET /subscriptions/webhook
Permissions:
No Specific permission - included with *"subscriptions-webhook"* and *"subscriptions-webhook:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Observer"

POST /subscriptions/webhook
Permissions:
No Specific permission - included with "*subscriptions-webhook*"
Roles:
"Operator",
"Administrator"

DELETE /subscriptions/webhook/:delete
Permissions:
No Specific permission - included with "*subscriptions-webhook*"
Roles:
"Operator",
"Administrator"

PUT /subscriptions/webhook/{id}
Permissions:
No Specific permission - included with "*subscriptions-webhook*"
Roles:
"Operator",
"Administrator"

GET /subscriptions/webhook/export
Permissions:
No Specific permission - included with *"subscriptions-webhook"* and *"subscriptions-webhook:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Observer"

Administration
No default permissions for this category

GET /acct-api-token
Permissions:
NOT SET!
Roles:
NOT SET!

POST /acct-api-token
Permissions:
NOT SET!
Roles:
NOT SET!

DELETE /acct-api-token/:delete
Permissions:
NOT SET!
Roles:
NOT SET!

DELETE /acct-api-token/{id}

Permissions:
NOT SET!
Roles:
NOT SET!

PATCH /acct-api-token/{id}

Permissions:
NOT SET!
Roles:
NOT SET!

GET /acct-api-token/export

Permissions:
NOT SET!
Roles:
NOT SET!

GET /credential-distribution-groups

Permissions:
NOT SET!
Roles:
NOT SET!

POST /credential-distribution-groups

Permissions:
NOT SET!
Roles:
NOT SET!

DELETE /credential-distribution-groups

Permissions:
NOT SET!
Roles:
NOT SET!

PUT /credential-distribution-groups/{id}

Permissions:
NOT SET!
Roles:
NOT SET!

GET /third-party-api-connection

Permissions:
NOT SET!

Roles:
NOT SET!

PUT /third-party-api-connection
Permissions:
NOT SET!
Roles:
NOT SET!

DELETE /third-party-api-connection
Permissions:
NOT SET!
Roles:
NOT SET!

NOS
No default permissions for this category

Configuration - Deployment
Permissions:
" deployment" – Permission for all API calls in the Configuration - Deployment Section
" deployment:r" – Permission for all GET API calls in the Configuration – Deployment Section

GET /deployments
Permissions:
No Specific permission - included with *"deployment"* and *"deployment:r"*
Roles:
"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer",
"Guest Management"

POST /deployments
Permissions:
No Specific permission - included with "*deployment*"
Roles:
"Operator",
"Administrator"

GET /deployments/{id}

Permissions:

No Specific permission - included with *"deployment"* and *"deployment:r"*

Roles:

"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer",
"Guest Management"

PUT /deployments/{id}

Permissions:

No Specific permission - included with *"deployment"*

Roles:

"Operator",
"Administrator

DELETE /deployments/{id}

Permissions:

No Specific permission - included with *"deployment"*

Roles:

"Operator",
"Administrator

GET /deployments/{id}/status

Permissions:

No Specific permission - included with *"deployment"* and *"deployment:r"*

Roles:

"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer",
"Guest Management"

POST /deployments/firmware-metadatas

Permissions:

No Specific permission - included with "*deployment*"

Roles:

"Operator",
"Administrator"

GET /deployments/overview

Permissions:

No Specific permission - included with *"deployment"* and *"deployment:r"*

Roles:

"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer",
"Guest Management"

GET /deployments/status

Permissions:

No Specific permission - included with *"deployment"* and *"deployment:r"*

Roles:

"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer",
"Observer",
"Guest Management"

Configuration - Basic

Permissions:

"vlan-profile" – Permission for all API calls in the Configuration - Basic Section

"vlan-profile:r" – Permission for all GET API calls in the Configuration – Basic Section

GET /vlan-profiles

Permissions:

No Specific permission - included with *"vlan-profile"* and *"vlan-profile:r"*

Roles:

"Operator",
"Administrator",
"Monitor",
"Observer"

POST /vlan-profiles

Permissions:

No Specific permission - included with *"vlan-profile"*

Roles:

"Operator",

"Administrator"

POST /vlan-profiles/:delete
Permissions:
No Specific permission - included with *"vlan-profile"*
Roles:
"Operator",
"Administrator"

GET /vlan-profiles/{id}
Permissions:
No Specific permission - included with *"vlan-profile"* and *"vlan-profile:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Observer"

DELETE /vlan-profiles/{id}
Permissions:
No Specific permission - included with *"vlan-profile"*
Roles:
"Operator",
"Administrator"

PATCH /vlan-profiles/{id}
Permissions:
No Specific permission - included with *"vlan-profile"*
Roles:
"Operator",
"Administrator"

Configuration - User Management
No default permissions for this category

GET /email-templates
Permissions:
"email-template" – Permission for full of email template.
"email-template:r" – Permission to read email templates
Roles:
"Operator",
"Administrator",
"Monitor",
"Observer"

GET /endusers

Permissions:

"enduser" – Permission for full control of end users.

"enduser:r" – Permission to read end users

Roles:

"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Observer",
"Guest Management"

POST /endusers

Permissions:

"enduser" – Permission for full control of end users.

Roles:

"Operator",
"Administrator",
"Guest Management"

PUT /endusers/{id}

Permissions:

"enduser" – Permission for full control of end users.

Roles:

"Operator",
"Administrator",
"Guest Management"

DELETE /endusers/{id}

Permissions:

"enduser" – Permission for full control of end users.

Roles:

"Operator",
"Administrator",
"Guest Management"

POST /endusers/{id}/:regenerate-password

Permissions:

"enduser" – Permission for full control of end users.

Roles:

"Operator",
"Administrator",
"Guest Management"

GET /pcgs/key-based
Permissions:
"pcg:key" – Permission for full control of PCG key based.
"pcg:key:r" – Permission to read PCG key based
Roles:
"Operator",
"Administrator",
"Monitor",
"Observer"

POST /pcgs/key-based
Permissions:
"pcg:key" – Permission for full control of PCG key based.
Roles:
"Operator",
"Administrator"

DELETE /pcgs/key-based/network-policy-{policyId}
Permissions:
"pcg:key" – Permission for full control of PCG key based.
Roles:
"Operator",
"Administrator"

POST /pcgs/key-based/network-policy-{policyId}/:onboard
Permissions:
"pcg:key" – Permission for full control of PCG key based.
Roles:
"Operator",
"Administrator"

POST /pcgs/key-based/network-policy-{policyId}/keys/:email
Permissions:
"pcg:key" – Permission for full control of PCG key based.
Roles:
"Operator",
"Administrator"

POST /pcgs/key-based/network-policy-{policyId}/keys/:generate
Permissions:
"pcg:key" – Permission for full control of PCG key based.
Roles:
"Operator",
"Administrator"

GET /pcgs/key-based/network-policy-{policyId}/port-assignments
Permissions:
"pcg:key" – Permission for full control of PCG key based.
"pcg:key:r" – Permission to read PCG key based
Roles:
"Operator",
"Administrator",
"Monitor",
"Observer"

POST /pcgs/key-based/network-policy-{policyId}/port-assignments
Permissions:
"pcg:key" – Permission for full control of PCG key based.
Roles:
"Operator",
"Administrator"

GET /pcgs/key-based/network-policy-{policyId}/users
Permissions:
"pcg:key" – Permission for full control of PCG key based.
"pcg:key:r" – Permission to read PCG key based
Roles:
"Operator",
"Administrator",
"Monitor",
"Observer"

PUT /pcgs/key-based/network-policy-{policyId}/users
Permissions:
"pcg:key" – Permission for full control of PCG key based.
Roles:
"Operator",
"Administrator"

POST /pcgs/key-based/network-policy-{policyId}/users
Permissions:
"pcg:key" – Permission for full control of PCG key based.
Roles:
"Operator",
"Administrator"

DELETE /pcgs/key-based/network-policy-{policyId}/users
Permissions:
"pcg:key" – Permission for full control of PCG key based.
Roles:

"Operator",
"Administrator"

GET /sms-templates
Permissions:
"sms-tmpl" – Permission for full control of SMS template.
"sms-tmpl:r" – Permission to read SMS template
Roles:
"Operator",
"Administrator",
"Monitor",
"Observer"

GET /usergroups
Permissions:
"usergroup" – Permission for full control of user groups.
"usergroup:r" – Permission to read user groups
Roles:
"Operator",
"Administrator",
"Monitor",
"Observer",
"Guest Management"

POST /usergroups
Permissions:
"usergroup" – Permission for full control of user groups.
Roles:
"Operator",
"Administrator"

GET /usergroups/:unique
Permissions:
"usergroup" – Permission for full control of user groups.
"usergroup:r" – Permission to read user groups
Roles:
"Operator",
"Administrator",
"Monitor",
"Observer",
"Guest Management"

PUT /usergroups/{id}
Permissions:
"usergroup" – Permission for full control of user groups.
Roles:

"Operator",
"Administrator"

DELETE /usergroups/{id}
Permissions:
"usergroup" – Permission for full control of user groups.
Roles:
"Operator",
"Administrator"

Configuration - Policy
No default permissions for this category

GET /ccgs
Permissions:
"ccg" – Permission for full control of CCG.
"ccg:r" – Permission to read CCG
Roles:
"Operator",
"Administrator",
"Monitor",
"Observer"

POST /ccgs
Permissions:
"ccg" – Permission for full control of CCG.
Roles:
"Operator",
"Administrator"

GET /ccgs/{id}
Permissions:
"ccg" – Permission for full control of CCG.
"ccg:r" – Permission to read CCG
Roles:
"Operator",
"Administrator",
"Monitor",
"Observer"

PUT /ccgs/{id}
Permissions:
"ccg" – Permission for full control of CCG.
Roles:

"Operator",
"Administrator"

DELETE /ccgs/{id}
Permissions:
"ccg" – Permission for full control of CCG.
Roles:
"Operator",
"Administrator"

GET /classification-rules
Permissions:
"class-rule" – Permission for full control of classification rule.
"class-rule:r" – Permission to read classification rule
Roles:
"Operator",
"Administrator",
"Monitor",
"Observer"

POST /classification-rules
Permissions:
"class-rule" – Permission for full control of classification rule.
Roles:
"Operator",
"Administrator"

GET /classification-rules/{id}
Permissions:
"class-rule" – Permission for full control of classification rule.
"class-rule:r" – Permission to read classification rule
Roles:
"Operator",
"Administrator",
"Monitor",
"Observer"

PUT /classification-rules/{id}
Permissions:
"class-rule" – Permission for full control of classification rule.
Roles:
"Operator",
"Administrator"

DELETE /classification-rules/{id}

Permissions:

"class-rule" – Permission for full control of classification rule.

Roles:

"Operator",
"Administrator"

GET /client-monitor-profiles

Permissions:

"client-monitor-profile" – Permission for full control of client monitor profiles
"client-monitor-profile:r" – Permission to read client monitor profiles

Roles:

"Operator",
"Administrator",
"Monitor",
"Observer",
"Installer"

POST /client-monitor-profile

Permissions:

"client-monitor-profile" – Permission for full control of client monitor profiles

Roles:

"Operator",
"Administrator"

GET /client-monitor-profile/{id}

Permissions:

"client-monitor-profile" – Permission for full control of client monitor profiles
"client-monitor-profile:r" – Permission to read client monitor profiles

Roles:

"Operator",
"Administrator",
"Monitor",
"Observer",
"Installer"

PUT /client-monitor-profile/{id}

Permissions:

"client-monitor-profile" – Permission for full control of client monitor profiles

Roles:

"Operator",
"Administrator"

DELETE /client-monitor-profile/{id}

Permissions:

"client-monitor-profile" – Permission for full control of client monitor profiles
Roles:
"Operator",
"Administrator"

GET /hotspot-profiles
Permissions:
"hotspot-profile" – Permission for full control of hotspot-profiles.
"hotspot-profile:r" – Permission to read hotspot-profiles.
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /hotspot-profiles
Permissions:
"hotspot-profile" – Permission for full control of hotspot-profiles.
Roles:
"Operator",
"Administrator"

GET /hotspot-profiles/{id}
Permissions:
"hotspot-profile" – Permission for full control of hotspot-profiles.
"hotspot-profile:r" – Permission to read hotspot-profiles.
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

PUT /hotspot-profiles/{id}
Permissions:
"hotspot-profile" – Permission for full control of hotspot-profiles.
Roles:
"Operator",
"Administrator"

DELETE /hotspot-profiles/{id}
Permissions:
"hotspot-profile" – Permission for full control of hotspot-profiles.
Roles:

"Operator",
"Administrator"

GET /hotspot-service-provider-profiles
Permissions:
"hotspot-service-provider-profile" – Permission for full control of hotspot-service-provider-profiles.
"hotspot-service-provider-profile:r" – Permission to read hotspot-service-provider-profiles.
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /hotspot-service-provider-profiles
Permissions:
"hotspot-service-provider-profile" – Permission for full control of hotspot-service-provider-profiles.
Roles:
"Operator",
"Administrator"

GET /hotspot-service-provider-profiles/{id}
Permissions:
"hotspot-service-provider-profile" – Permission for full control of hotspot-service-provider-profiles.
"hotspot-service-provider-profile:r" – Permission to read hotspot-service-provider-profiles.
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

PUT /hotspot-service-provider-profiles/{id}
Permissions:
"hotspot-service-provider-profile" – Permission for full control of hotspot-service-provider-profiles.
Roles:
"Operator",
"Administrator"

DELETE /hotspot-service-provider-profiles/{id}
Permissions:

"hotspot-service-provider-profile" – Permission for full control of hotspot-service-provider-profiles.
Roles:
"Operator",
"Administrator"

GET /iot-profiles
Permissions:
"iot-profile" – Permission for full control of iot-profiles.
"iot-profile:r" – Permission to read iot-profiles.
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /iot-profiles
Permissions:
"iot-profile" – Permission for full control of iot-profiles.
Roles:
"Operator",
"Administrator"

GET /iot-profiles/{id}
Permissions:
"iot-profile" – Permission for full control of iot-profiles.
"iot-profile:r" – Permission to read iot-profiles.
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

PUT /iot-profiles/{id}
Permissions:
"iot-profile" – Permission for full control of iot-profiles.
Roles:
"Operator",
"Administrator"

DELETE /iot-profiles/{id}
Permissions:
"iot-profile" – Permission for full control of iot-profiles.

Roles:
"Operator",
"Administrator"

GET /ip-firewall-policies
Permissions:
NOT SET!
Roles:
NOT SET!

POST /ip-firewall-policies
Permissions:
NOT SET!
Roles:
NOT SET!

GET /ip-firewall-policies/{id}
Permissions:
NOT SET!
Roles:
NOT SET!

PUT /ip-firewall-policies/{id}
Permissions:
NOT SET!
Roles:
NOT SET!

DELETE /ip-firewall-policies/{id}
Permissions:
NOT SET!
Roles:
NOT SET!

POST /ip-firewall-policies/{{id}}/:attach
Permissions:
NOT SET!
Roles:
NOT SET!

POST /ip-firewall-policies/{{id}}/:detach
Permissions:
NOT SET!
Roles:

NOT SET!

GET /l3-address-profiles
Permissions:
"l3-address-profile" – Permission for full control of L3 address profile.
"l3-address-profile:r" – Permission to read L3 address profile
Roles:
"Operator",
"Administrator",
"Monitor",
"Observer"

POST /l3-address-profiles
Permissions:
"l3-address-profile" – Permission for full control of L3 address profile.
Roles:
"Operator",
"Administrator"

GET /l3-address-profiles/{id}
Permissions:
"l3-address-profile" – Permission for full control of L3 address profile.
"l3-address-profile:r" – Permission to read L3 address profile
Roles:
"Operator",
"Administrator",
"Monitor",
"Observer"

PUT /l3-address-profiles/{id}
Permissions:
"l3-address-profile" – Permission for full control of L3 address profile.
Roles:
"Operator",
"Administrator"

DELETE /l3-address-profiles/{id}
Permissions:
"l3-address-profile" – Permission for full control of L3 address profile.
Roles:
"Operator",
"Administrator"

GET /mac-firewall-policies
Permissions:
NOT SET!

Roles:
NOT SET!

POST /mac-firewall-policies
Permissions:
NOT SET!
Roles:
NOT SET!

GET /mac-firewall-policies/{id}
Permissions:
NOT SET!
Roles:
NOT SET!

PUT /mac-firewall-policies/{id}
Permissions:
NOT SET!
Roles:
NOT SET!

DELETE /mac-firewall-policies/{id}
Permissions:
NOT SET!
Roles:
NOT SET!

POST /mac-firewall-policies/{{id}}/:attach
Permissions:
NOT SET!
Roles:
NOT SET!

POST /mac-firewall-policies/{{id}}/:detach
Permissions:
NOT SET!
Roles:
NOT SET!

GET /mac-object-profiles
Permissions:
NOT SET!
Roles:
NOT SET!

POST /mac-object-profiles
Permissions:
NOT SET!
Roles:
NOT SET!

GET /mac-object-profiles/{id}
Permissions:
NOT SET!
Roles:
NOT SET!

PUT /mac-object-profiles/{id}
Permissions:
NOT SET!
Roles:
NOT SET!

DELETE /mac-object-profiles/{id}
Permissions:
NOT SET!
Roles:
NOT SET!

GET /radio-operating-modes/{id}
Permissions:
NOT SET!
Roles:
NOT SET!

GET /radio-profiles
Permissions:
"radio-profile" – Permission for full control of radio profiles
"radio-porfile:r" – Permission to read radio profiles
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /radio-profiles
Permissions:
"radio-profile" – Permission for full control of radio profiles
Roles:

"Operator",
"Administrator"

GET /radio-profiles/{id}
Permissions:
"radio-profile" – Permission for full control of radio profiles
"radio-porfile:r" – Permission to read radio profiles
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

PUT /radio-profiles/{id}
Permissions:
"radio-profile" – Permission for full control of radio profiles
Roles:
"Operator",
"Administrator",

DELETE /radio-profiles/{id}
Permissions:
"radio-profile" – Permission for full control of radio profiles
Roles:
"Operator",
"Administrator"

GET /radio-profiles/channel-selection/{channel-selection-id}
Permissions:
"radio-profile" – Permission for full control of radio profiles
"radio-porfile:r" – Permission to read radio profiles
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

PUT /radio-profiles/channel-selection/{channel-selection-id}
Permissions:
"radio-profile" – Permission for full control of radio profiles
Roles:
"Operator",
"Administrator"

GET /radio-profiles/mac-ouis

Permissions:

"radio-profile" – Permission for full control of radio profiles

"radio-porfile:r" – Permission to read radio profiles

Roles:

"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /radio-profiles/mac-ouis

Permissions:

"radio-profile" – Permission for full control of radio profiles

Roles:

"Operator",
"Administrator"

GET /radio-profiles/mac-ouis/{mac-oui-id}

Permissions:

"radio-profile" – Permission for full control of radio profiles

"radio-porfile:r" – Permission to read radio profiles

Roles:

"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

PUT /radio-profiles/mac-ouis/{mac-oui-id}

Permissions:

"radio-profile" – Permission for full control of radio profiles

Roles:

"Operator",
"Administrator"

DELETE /radio-profiles/mac-ouis/{mac-oui-id}

Permissions:

"radio-profile" – Permission for full control of radio profiles

Roles:

"Operator",
"Administrator"

GET /radio-profiles/miscellaneous/{radio-misc-id}

Permissions:

"radio-profile" – Permission for full control of radio profiles

"radio-porfile:r" – Permission to read radio profiles

Roles:

"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

PUT /radio-profiles/miscellaneous/{radio-misc-id}

Permissions:

"radio-profile" – Permission for full control of radio profiles

Roles:

"Operator",
"Administrator"

GET /radio-profiles/neighborhood-analysis/{neigh-analysis-id}

Permissions:

"radio-profile" – Permission for full control of radio profiles

"radio-porfile:r" – Permission to read radio profiles

Roles:

"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

PUT /radio-profiles/neighborhood-analysis/{neigh-analysis-id}

Permissions:

"radio-profile" – Permission for full control of radio profiles

Roles:

"Operator",
"Administrator"

GET /radio-profiles/radio-usage-opt/{radio-usage-opt-id}

Permissions:

"radio-profile" – Permission for full control of radio profiles

"radio-porfile:r" – Permission to read radio profiles

Roles:

"Operator",
"Administrator",
"Monitor",
"Installer",

"Observer"

PUT /radio-profiles/radio-usage-opt/{radio-usage-opt-id}

Permissions:

"radio-profile" – Permission for full control of radio profiles

Roles:

"Operator",
"Administrator"

GET /radio-profiles/sensor-scan/{sensor-scan-id}

Permissions:

"radio-profile" – Permission for full control of radio profiles

"radio-porfile:r" – Permission to read radio profiles

Roles:

"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

PUT /radio-profiles/sensor-scan/{sensor-scan-id}

Permissions:

"radio-profile" – Permission for full control of radio profiles

Roles:

"Operator",
"Administrator"

GET /radio-profiles/wmm-qos/{radio-qos-id}

Permissions:

"radio-profile" – Permission for full control of radio profiles

"radio-porfile:r" – Permission to read radio profiles

Roles:

"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

PUT /radio-profiles/wmm-qos/{radio-qos-id}

Permissions:

"radio-profile" – Permission for full control of radio profiles

Roles:

"Operator",
"Administrator"

GET /ssids
Permissions:
"ssid" – Permission for full control of SSID
"ssid:r" – Permission to read SSID
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /ssids/{id}/:rename
Permissions:
"ssid" – Permission for full control of SSID
Roles:
"Operator",
"Administrator"

POST /ssids/{id}/client-monitor-profile/:attach
Permissions:
"ssid" – Permission for full control of SSID
Roles:
"Operator",
"Administrator"

POST /ssids/{id}/cwp/:attach
Permissions:
"ssid" – Permission for full control of SSID
Roles:
"Operator",
"Administrator"

POST /ssids/{id}/cwp/:disable
Permissions:
"ssid" – Permission for full control of SSID
Roles:
"Operator",
"Administrator"

POST /ssids/{id}/cwp/:enable
Permissions:
"ssid" – Permission for full control of SSID
Roles:
"Operator",
"Administrator"

PUT /ssids/{id}/mode/dot1x
Permissions:
"ssid" – Permission for full control of SSID
Roles:
"Operator",
"Administrator"

PUT /ssids/{id}/mode/open
Permissions:
"ssid" – Permission for full control of SSID
Roles:
"Operator",
"Administrator"

PUT /ssids/{id}/mode/ppsk
Permissions:
"ssid" – Permission for full control of SSID
Roles:
"Operator",
"Administrator"

PUT /ssids/{id}/mode/psk
Permissions:
"ssid" – Permission for full control of SSID
Roles:
"Operator",
"Administrator"

PUT /ssids/{id}/mode/wep
Permissions:
"ssid" – Permission for full control of SSID
Roles:
"Operator",
"Administrator"

PUT /ssids/{id}/psk/password
Permissions:
"ssid" – Permission for full control of SSID
Roles:
"Operator",
"Administrator"

POST /ssids/{id}/radius-client-profile
Permissions:
"ssid" – Permission for full control of SSID

Roles:
"Operator",
"Administrator"

POST /ssids/{id}/radius-server-group/:attach
Attach radius server group to an SSID
Permissions:
"ssid" – Permission for full control of SSID
Roles:
"Operator",
"Administrator"

POST /ssids/{id}/user-profile-assignment
Permissions:
"ssid" – Permission for full control of SSID
Roles:
"Operator",
"Administrator"

POST /ssids/{id}/user-profile/:attach
Permissions:
"ssid" – Permission for full control of SSID
Roles:
"Operator",
"Administrator"

GET /ssids/advanced-settings/{id}
Permissions:
"ssid" – Permission for full control of SSID
"ssid:r" – Permission to read SSID
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

PUT /ssids/advanced-settings/{id}
Permissions:
"ssid" – Permission for full control of SSID
Roles:
"Operator",
"Administrator"

GET /user-profile-assignments
Permissions:

NOT SET!
Roles:
NOT SET!

POST /user-profile-assignments
Permissions:
NOT SET!
Roles:
NOT SET!

GET /user-profile-assignments/{id}
Permissions:
NOT SET!
Roles:
NOT SET!

DELETE /user-profile-assignments/{id}
Permissions:
NOT SET!
Roles:
NOT SET!

GET /user-profiles
Permissions:
"user-profile" – Permission for full control of user profile
"user-profile:r" – Permission to read user profile
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /user-profiles
Permissions:
"user-profile" – Permission for full control of user profile
Roles:
"Operator",
"Administrator"

GET /user-profiles/{id}
Permissions:
"user-profile" – Permission for full control of user profile
"user-profile:r" – Permission to read user profile
Roles:

"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

PUT /user-profiles/{id}

Permissions:

"user-profile" – Permission for full control of user profile

Roles:

"Operator",
"Administrator"

DELETE /user-profiles/{id}

Permissions:

"user-profile" – Permission for full control of user profile

Roles:

"Operator",
"Administrator"

POST /user-profiles/{id}/ip-firewall-policies/:attach

Permissions:

"user-profile" – Permission for full control of user profile

Roles:

"Operator",
"Administrator"

POST /user-profiles/{id}/ip-firewall-policies/:detach

Permissions:

"user-profile" – Permission for full control of user profile

Roles:

"Operator",
"Administrator"

POST /user-profiles/{id}/mac-firewall-policies/:attach

Permissions:

"user-profile" – Permission for full control of user profile

Roles:

"Operator",
"Administrator"

POST /user-profiles/{id}/,ac-firewall-policies/:detach

Permissions:

"user-profile" – Permission for full control of user profile

Roles:

"Operator",
"Administrator"

Configuration - Network

No default permissions for this category

GET /network-services
Permissions:
NOT SET!
Roles:
NOT SET!

POST /network-services
Permissions:
NOT SET!
Roles:
NOT SET!

DELETE /network-services/{id}
Permissions:
NOT SET!
Roles:
NOT SET!

GET /tunnel-concentrators
Permissions:
"tunnel-concentrator" – Permission for full control of tunnel concentrator
"tunnel-concentrator:r" – Permission to read tunnel concentrator
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /tunnel-concentrators
Permissions:
"tunnel-concentrator" – Permission for full control of tunnel concentrator
Roles:
"Operator",
"Administrator"

GET /tunnel-concentrators/{id}
Permissions:

"tunnel-concentrator" – Permission for full control of tunnel concentrator
"tunnel-concentrator:r" – Permission to read tunnel concentrator
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

PUT /tunnel-concentrators/{id}
Permissions:
"tunnel-concentrator" – Permission for full control of tunnel concentrator
Roles:
"Operator",
"Administrator"

DELETE /tunnel-concentrators/{id}
Permissions:
"tunnel-concentrator" – Permission for full control of tunnel concentrator
Roles:
"Operator",
"Administrator"

Configuration - Authentication
No default permissions for this category

GET /ad-servers
Permissions:
"ad-server" – Permission for full control of AD server
"ad-server:r" – Permission to read AD server
Roles:
"Operator",
"Administrator",
"Monitor",
"Observer"

GET /cwps
Permissions:
"cwp" – Permission for full control of captive web portals
"cwp:r" – Permission to read captive web portals
Roles:
"Operator",
"Administrator",
"Monitor",
"Observer"

GET /ldap-servers

Permissions:

"ldap-server" – Permission for full control of LDAP server

"ldap-server:r" – Permission to read LDAP server

Roles:

"Operator",

"Administrator",

"Monitor",

"Observer"

POST /ldap-servers

Permissions:

"ldap-server" – Permission for full control of LDAP server

Roles:

"Operator",

"Administrator"

GET /ldap-servers/{id}

Permissions:

"ldap-server" – Permission for full control of LDAP server

"ldap-server:r" – Permission to read LDAP server

Roles:

"Operator",

"Administrator",

"Monitor",

"Observer"

PUT /ldap-servers/{id}

Permissions:

"ldap-server" – Permission for full control of LDAP server

Roles:

"Operator",

"Administrator"

DELETE /ldap-servers/{id}

Permissions:

"ldap-server" – Permission for full control of LDAP server

Roles:

"Operator",

"Administrator"

GET /radius-client-objects

Permissions:

"radius-client-object" – Permission for full control of RADIUS client object

"radius-client-object:r" – Permission to read RADIUS client object

Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /radius-client-objects

Permissions:
"radius-client-object" – Permission for full control of RADIUS client object
Roles:
"Operator",
"Administrator"

GET /radius-client-objects/{id}

Permissions:
"radius-client-object" – Permission for full control of RADIUS client object
"radius-client-object:r" – Permission to read RADIUS client object
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

PUT /radius-client-objects/{id}

Permissions:
"radius-client-object" – Permission for full control of RADIUS client object
Roles:
"Operator",
"Administrator"

DELETE /radius-client-objects/{id}

Permissions:
"radius-client-object" – Permission for full control of RADIUS client object
Roles:
"Operator",
"Administrator"

GET /radius-proxies

Permissions:
"radius-proxy" – Permission for full control of RADIUS proxy
"radius-proxy:r" – Permission to read RADIUS proxy
Roles:
"Operator",
"Administrator",

"Monitor",
"Observer"

POST /radius-proxies
Permissions:
"radius-proxy" – Permission for full control of RADIUS proxy
Roles:
"Operator",
"Administrator"

GET /radius-proxies/{id}
Permissions:
"radius-proxy" – Permission for full control of RADIUS proxy
"radius-proxy:r" – Permission to read RADIUS proxy
Roles:
"Operator",
"Administrator",
"Monitor",
"Observer"

PUT /radius-proxies/{id}
Permissions:
"radius-proxy" – Permission for full control of RADIUS proxy
Roles:
"Operator",
"Administrator"

DELETE /radius-proxies/{id}
Permissions:
"radius-proxy" – Permission for full control of RADIUS proxy
Roles:
"Operator",
"Administrator"

GET /radius-proxies/devices
Permissions:
"radius-proxy" – Permission for full control of RADIUS proxy
"radius-proxy:r" – Permission to read RADIUS proxy
Roles:
"Operator",
"Administrator",
"Monitor",
"Observer"

GET /radius-servers/external
Permissions:

"radius-server" – Permission for full control of RADIUS server

"radius-server:r" – Permission to read RADIUS server

Roles:

"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /radius-servers/external

Permissions:

"radius-server" – Permission for full control of RADIUS server

Roles:

"Operator",
"Administrator"

GET /radius-servers/external/{id}

Permissions:

"radius-server" – Permission for full control of RADIUS server

"radius-server:r" – Permission to read RADIUS server

Roles:

"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

PUT /radius-servers/external/{id}

Permissions:

"radius-server" – Permission for full control of RADIUS server

Roles:

"Operator",
"Administrator"

DELETE /radius-servers/external/{id}

Permissions:

"radius-server" – Permission for full control of RADIUS server

Roles:

"Operator",
"Administrator"

GET /radius-servers/internal

Permissions:

"radius-server" – Permission for full control of RADIUS server

"radius-server:r" – Permission to read RADIUS server

Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /radius-servers/internal
Permissions:
"radius-server" – Permission for full control of RADIUS server
Roles:
"Operator",
"Administrator"

DELETE /radius-servers/internal
Permissions:
"radius-server" – Permission for full control of RADIUS server
Roles:
"Operator",
"Administrator"

GET /radius-servers/internal/{id}
Permissions:
"radius-server" – Permission for full control of RADIUS server
"radius-server:r" – Permission to read RADIUS server
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

PUT /radius-servers/internal/{id}
Permissions:
"radius-server" – Permission for full control of RADIUS server
Roles:
"Operator",
"Administrator"

DELETE /radius-servers/internal/{id}
Permissions:
"radius-server" – Permission for full control of RADIUS server
Roles:
"Operator",
"Administrator"

GET /radius-servers/internal/devices
Permissions:
"radius-server" – Permission for full control of RADIUS server
"radius-server:r" – Permission to read RADIUS server
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

GET /radsec-proxies
Permissions:
NOT SET!
Roles:
NOT SET!

POST /radsec-proxies
Permissions:
NOT SET!
Roles:
NOT SET!

GET /radsec-proxies/{id}
Permissions:
NOT SET!
Roles:
NOT SET!

PUT /radsec-proxies/{id}
Permissions:
NOT SET!
Roles:
NOT SET!

DELETE /radsec-proxies/{id}
Permissions:
NOT SET!
Roles:
NOT SET!

Configuration - Certificate
Permissions:
" certificate" – Permission for all API calls in the Configuration - Certificate Section
" certificate:r" – Permission for all GET API calls in the Configuration – Certificate Section

GET /certificate-bundle

Permissions:
NOT SET!
Roles:
NOT SET!

POST /certificate-bundle

Permissions:
NOT SET!
Roles:
NOT SET!

GET /certificate-bundle/{id}

Permissions:
NOT SET!
Roles:
NOT SET!

PUT /certificate-bundle/{id}

Permissions:
NOT SET!
Roles:
NOT SET!

DELETE /certificate-bundle/{id}

Permissions:
NOT SET!
Roles:
NOT SET!

GET /certificates

Permissions:
No Specific permission - included with *"certificate"* and *"certificate:r"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

DELETE /certificates/{id}

Permissions:
No Specific permission - included with *"certificate"*
Roles:
"Operator",

"Administrator

POST /certificates/import
Permissions:
No Specific permission - included with *"certificate"*
Roles:
"Operator",
"Administrator

Copilot – Connectivity Experience

No default permissions for this category

GET /copilot/connectivity/client-type
Permissions:
NOT SET!
Roles:
NOT SET!

GET /copilot/connectivity/locations
Permissions:
NOT SET!
Roles:
NOT SET!

GET /copilot/connectivity/wired/events
Permissions:
"copilot-connectivity-wired:r" – Permission to read copilot wired connectivity
Roles:
"Operator",
"Monitor",
"Administrator",
"Observer",
"Guest Management"

GET /copilot/connectivity/wired/experience
Permissions:
"copilot-connectivity-wired:r" – Permission to read copilot wired connectivity
Roles:
"Operator",
"Monitor",
"Administrator",
"Observer",
"Guest Management"

GET /copilot/connectivity/wired/hardware

Permissions:

"copilot-connectivity-wired:r" – Permission to read copilot wired connectivity

Roles:

"Operator",
"Monitor",
"Administrator",
"Observer",
"Guest Management"

GET /copilot/connectivity/wired/locations/hardware

Permissions:

"copilot-connectivity-wired:r" – Permission to read copilot wired connectivity

Roles:

"Operator",
"Monitor",
"Administrator",
"Observer",
"Guest Management"

GET /copilot/connectivity/wired/quality-index

Permissions:

"copilot-connectivity-wired:r" – Permission to read copilot wired connectivity

Roles:

"Operator",
"Monitor",
"Administrator",
"Observer",
"Guest Management"

GET /copilot/connectivity/wireless/apps

Permissions:

"copilot-connectivity-wireless:r" – Permission to read copilot wireless connectivity

Roles:

"Operator",
"Monitor",
"Administrator",
"Observer",
"Guest Management"

GET /copilot/connectivity/wireless/events

Permissions:

"copilot-connectivity-wireless:r" – Permission to read copilot wireless connectivity

Roles:

"Operator",
"Monitor",

"Administrator",
"Observer",
"Guest Management"

GET /copilot/connectivity/wireless/experience
Permissions:
"copilot-connectivity-wireless:r" – Permission to read copilot wireless connectivity
Roles:
"Operator",
"Monitor",
"Administrator",
"Observer",
"Guest Management"

GET /copilot/connectivity/wireless/locations/events
Permissions:
"copilot-connectivity-wireless:r" – Permission to read copilot wireless connectivity
Roles:
"Operator",
"Monitor",
"Administrator",
"Observer",
"Guest Management"

GET /copilot/connectivity/wireless/locations/performance
Permissions:
"copilot-connectivity-wireless:r" – Permission to read copilot wireless connectivity
Roles:
"Operator",
"Monitor",
"Administrator",
"Observer",
"Guest Management"

GET /copilot/connectivity/wireless/locations/quality-index
Permissions:
"copilot-connectivity-wireless:r" – Permission to read copilot wireless connectivity
Roles:
"Operator",
"Monitor",
"Administrator",
"Observer",
"Guest Management"

GET /copilot/connectivity/wireless/locations/time-to-connect
Permissions:

"copilot-connectivity-wireless:r" – Permission to read copilot wireless connectivity
Roles:
"Operator",
"Monitor",
"Administrator",
"Observer",
"Guest Management"

GET /copilot/connectivity/wireless/performance
Permissions:
"copilot-connectivity-wireless:r" – Permission to read copilot wireless connectivity
Roles:
"Operator",
"Monitor",
"Administrator",
"Observer",
"Guest Management"

GET /copilot/connectivity/wireless/quality-index
Permissions:
"copilot-connectivity-wireless:r" – Permission to read copilot wireless connectivity
Roles:
"Operator",
"Monitor",
"Administrator",
"Observer",
"Guest Management"

GET /copilot/connectivity/wireless/time-to-connect
Permissions:
"copilot-connectivity-wireless:r" – Permission to read copilot wireless connectivity
Roles:
"Operator",
"Monitor",
"Administrator",
"Observer",
"Guest Management"

GET /copilot/connectivity/wireless/views
Permissions:
"copilot-connectivity-wireless:r" – Permission to read copilot wireless connectivity
Roles:
"Operator",
"Monitor",
"Administrator",
"Observer",

"Guest Management"

Copilot – Anomalies

Permissions:

" copilot-anomalies:r" – Permission for all GET API calls in the Copilot Anomalies Section

GET /copilot/anomalies/adverse-traffic/device-stats

Permissions:
No Specific permission - included with *"copilot-anomalies:r"*
Roles:
"Operator",
"Monitor",
"Administrator",
"Observer",
"Guest Management"

GET / copilot/anomalies/adverse-traffic/packet-counts

Permissions:
No Specific permission - included with *"copilot-anomalies:r"*
Roles:
"Operator",
"Monitor",
"Administrator",
"Observer",
"Guest Management"

GET /copilot/anomalies/anomalies-by-category

Permissions:
No Specific permission - included with *"copilot-anomalies:r"*
Roles:
"Operator",
"Monitor",
"Administrator",
"Observer",
"Guest Management"

GET /copilot/anomalies/device-by-location

Permissions:
No Specific permission - included with *"copilot-anomalies:r"*
Roles:
"Operator",
"Monitor",
"Administrator",
"Observer",
"Guest Management"

GET /copilot/anomalies/device-with-locations
Permissions:
No Specific permission - included with *"copilot-anomalies:r"*
Roles:
"Operator",
"Monitor",
"Administrator",
"Observer",
"Guest Management"

PUT /copilot/anomalies/devices/feedback
Permissions:
NOT SET!
Roles:
NOT SET!

PUT /copilot/anomalies/devices/update-action
Permissions:
NOT SET!
Roles:
NOT SET!

GET /copilot/anomalies/dfs-recurrence/channel-stats
Permissions:
No Specific permission - included with *"copilot-anomalies:r"*
Roles:
"Operator",
"Monitor",
"Administrator",
"Observer",
"Guest Management"

GET /copilot/anomalies/dfs-recurrence/count-stats
Permissions:
No Specific permission - included with *"copilot-anomalies:r"*
Roles:
"Operator",
"Monitor",
"Administrator",
"Observer",
"Guest Management"

GET /copilot/anomalies/exclude-vlans
Permissions:
NOT SET!

Roles:
NOT SET!

GET /copilot/anomalies/exclude-vlans-csv
Permissions:
NOT SET!
Roles:
NOT SET!

GET /copilot/anomalies/exclude-vlans-list
Permissions:
NOT SET!
Roles:
NOT SET!

GET /copilot/anomalies/hardware-health/client-list
Permissions:
No Specific permission - included with *"copilot-anomalies:r"*
Roles:
"Operator",
"Monitor",
"Administrator",
"Observer",
"Guest Management"

GET /copilot/anomalies/hardware-health/cpu-mem-stats
Permissions:
No Specific permission - included with *"copilot-anomalies:r"*
Roles:
"Operator",
"Monitor",
"Administrator",
"Observer",
"Guest Management"

GET /copilot/anomalies/hardware-health/stats
Permissions:
No Specific permission - included with *"copilot-anomalies:r"*
Roles:
"Operator",
"Monitor",
"Administrator",
"Observer",
"Guest Management"

GET /copilot/anomalies/locations
Permissions:
"copilot-anomalies:r" – Permission to read copilot anomalies
Roles:
"Operator",
"Monitor",
"Administrator",
"Observer",
"Guest Management"

GET /copilot/anomalies/missing-vlan/count
Permissions:
No Specific permission - included with *"copilot-anomalies:r"*
Roles:
"Operator",
"Monitor",
"Administrator",
"Observer",
"Guest Management"

GET /copilot/anomalies/notifications
Permissions:
No Specific permission - included with *"copilot-anomalies:r"*
Roles:
"Operator",
"Monitor",
"Administrator",
"Observer",
"Guest Management"

GET /copilot/anomalies/poeflapping/lldp-cdp-info
Permissions:
No Specific permission - included with *"copilot-anomalies:r"*
Roles:
"Operator",
"Monitor",
"Administrator",
"Observer",
"Guest Management"

GET /copilot/anomalies/poeflapping/stats
Permissions:
No Specific permission - included with *"copilot-anomalies:r"*
Roles:
"Operator",
"Monitor",

"Administrator",
"Observer",
"Guest Management"

GET /copilot/anomalies/poeflapping/trends
Permissions:
No Specific permission - included with *"copilot-anomalies:r"*
Roles:
"Operator",
"Monitor",
"Administrator",
"Observer",
"Guest Management"

GET /copilot/anomalies/port-efficiency/speed-duplex-stats
Permissions:
No Specific permission - included with *"copilot-anomalies:r"*
Roles:
"Operator",
"Monitor",
"Administrator",
"Observer",
"Guest Management"

GET /copilot/anomalies/port-efficiency/stats
Permissions:
No Specific permission - included with *"copilot-anomalies:r"*
Roles:
"Operator",
"Monitor",
"Administrator",
"Observer",
"Guest Management"

GET /copilot/anomalies/wifi-capacity/client-list
Permissions:
No Specific permission - included with *"copilot-anomalies:r"*
Roles:
"Operator",
"Monitor",
"Administrator",
"Observer",
"Guest Management"

GET /copilot/anomalies/wifi-capacity/stats
Permissions:

No Specific permission - included with *"copilot-anomalies:r"*
Roles:
"Operator",
"Monitor",
"Administrator",
"Observer",
"Guest Management"

GET /copilot/anomalies/report
Permissions:
No Specific permission - included with *"copilot-anomalies:r"*
Roles:
"Operator",
"Monitor",
"Administrator",
"Observer",
"Guest Management"

PUT /copilot/anomalies/update-action
Permissions:
NOT SET!
Roles:
NOT SET!

PUT / copilot/anomalies/update-device-action
Permissions:
NOT SET!
Roles:
NOT SET!

GET /copilot/anomalies/wifi-efficiency/client-list
Permissions:
No Specific permission - included with *"copilot-anomalies:r"*
Roles:
"Operator",
"Monitor",
"Administrator",
"Observer",
"Guest Management"

GET /copilot/anomalies/wifi-efficiency/stats
Permissions:
No Specific permission - included with *"copilot-anomalies:r"*
Roles:
"Operator",
"Monitor",

^ Top ^

"Administrator",
"Observer",
"Guest Management"

GET /copilot/assurance-scans/overview
Permissions:
"copilot-assurance-scans:r" – Permission to read access to Copilot Assurance scan
Roles:
"Operator",
"Monitor",
"Administrator",
"Observer",
"Guest Management"

Packet Capture
Permissions:
"packet-capture " – Permission for all API calls in the Packet Capture Section
"packet-capture:r" – Permission for all GET API calls in the Packet Capture Section

GET /packetcaptures
Permissions:
No Specific permission - included with *"packet-capture"* and *"packet-capture:r"*
Roles:
"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer"
"Observer"

POST /packetcaptures
Permissions:
No Specific permission - included with *"packet-capture"*
Roles:
"Operator",
"Help Desk",
"Administrator"

DELETE /packetcaptures
Permissions:
No Specific permission - included with *"packet-capture"*
Roles:
"Operator",
"Help Desk",
"Administrator"

GET /packetcaptures/{id}
Permissions:
No Specific permission - included with *"packet-capture"* and *"packet-capture:r"*
Roles:
"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer"
"Observer"

Delete /packetcaptures/{id}
Permissions:
No Specific permission - included with *"packet-capture"*
Roles:
"Operator",
"Help Desk",
"Administrator"

POST /packetcaptures/{id}/:stop
Permissions:
No Specific permission - included with *"packet-capture"*
Roles:
"Operator",
"Help Desk",
"Administrator"

POST /packetcaptures/{id}/:upload
Permissions:
No Specific permission - included with *"packet-capture"*
Roles:
"Operator",
"Help Desk",
"Administrator"

GET /packetcaptures/files
Permissions:
No Specific permission - included with *"packet-capture"* and *"packet-capture:r"*
Roles:
"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer"
"Observer"

Network Scorecard

Permissions:

"network-scorecard " – Permission for all API calls in the Network Scorecard Section

"network-scorecard:r" – Permission for all GET API calls in the Network Scorecard Section

GET /network-scorecard/clientHealth/{id}

Permissions:

No Specific permission - included with "*network-scorecard*" and "*network-scorecard:r*"

Roles:

"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

GET /network-scorecard/deviceHealth/{id}

Permissions:

No Specific permission - included with "*network-scorecard*" and "*network-scorecard:r*"

Roles:

"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

GET /network-scorecard/networkHealth/{id}

Permissions:

No Specific permission - included with "*network-scorecard*" and "*network-scorecard:r*"

Roles:

"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

GET /network-scorecard/serviceHealth/{id}

Permissions:

No Specific permission - included with "*network-scorecard*" and "*network-scorecard:r*"

Roles:

"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

GET /network-scorecard/wifiHealth/{id}

Permissions:
No Specific permission - included with "*network-scorecard*" and "*network-scorecard:r*"
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

Essentials - ExtremeLocation

No default permissions for this category

GET /essentials/eloc/clients/{client-mac}/last-known-location

Permissions:
NOT SET!
Roles:
NOT SET!

Misc - Metadata – Country

Permissions:
"country " – Permission for all API calls in the Metadata-Country Section
"country:r" – Permission for all GET API calls in the Metadata-Country Section

GET /countries

Permissions:
No Specific permission - included with *"country"* and *"country:r"*
Roles:
"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer"
"Observer"

GET /countries/{countryAlpha2Code}/states

Permissions:
No Specific permission - included with *"country"* and *"country:r"*
Roles:
"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer"
"Observer"

GET /countries/{id}/:validate
Permissions:
No Specific permission - included with *"country"* and *"country:r"*
Roles:
"Operator",
"Help Desk",
"Administrator",
"Monitor",
"Installer"
"Observer"

Thread

No default permissions for this category

GET /thread/networks
Permissions:
NOT SET!
Roles:
NOT SET!

GET /thread/routers
Permissions:
NOT SET!
Roles:
NOT SET!

GET /thread/topology
Permissions:
NOT SET!
Roles:
NOT SET!

NG-REPORTS

No default permissions for this category

GET /ng-reports/download/reports/:id
Permissions:
NOT SET!
Roles:
NOT SET!

POST /ng-reports/download/reports/
Permissions:
NOT SET!

Roles:
NOT SET!

GET /ng-reports/information

Permissions:
NOT SET!
Roles:
NOT SET!

GET /ng-reports/information/:netrics

Permissions:
NOT SET!
Roles:
NOT SET!

POST /ng-reports/metadata/application

Permissions:
NOT SET!
Roles:
NOT SET!

POST /ng-reports/metadata/bands

Permissions:
NOT SET!
Roles:
NOT SET!

POST /ng-reports/metadata/channel

Permissions:
NOT SET!
Roles:
NOT SET!

POST /ng-reports/metadata/client

Permissions:
NOT SET!
Roles:
NOT SET!

POST /ng-reports/metadata/connection-type

Permissions:
NOT SET!
Roles:
NOT SET!

POST /ng-reports/metadata/device
Permissions:
NOT SET!
Roles:
NOT SET!

POST /ng-reports/metadata/os
Permissions:
NOT SET!
Roles:
NOT SET!

POST /ng-reports/metadata/ssids
Permissions:
NOT SET!
Roles:
NOT SET!

POST /ng-reports/metadata/user
Permissions:
NOT SET!
Roles:
NOT SET!

POST /ng-reports/tabledata
Permissions:
NOT SET!
Roles:
NOT SET!

POST /ng-reports/timeseries
Permissions:
NOT SET!
Roles:
NOT SET!

Universal Compute Platform
No default permissions for this category

GET /upc/{id}/engines/installed
Permissions:
NOT SET!
Roles:
NOT SET!

AFC-endpoint

No default permissions for this category

POST /afc/aps/reportFtm
Permissions:
NOT SET!
Roles:
NOT SET!

POST /afc/export
Permissions:
No Specific permission - included with *"afc-export:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

POST /afc/filter-metadata
Permissions:
No Specific permission - included with *"afc-fitler-metadata:relaxed_read"*
Roles:
"Operator",
"Administrator",
"Monitor",
"Installer",
"Observer"

GET /afc/mobileapp/apcandidates
Permissions:
NOT SET!
Roles:
NOT SET!

GET /afc/recalculateSite/{id}
Permissions:
NOT SET!
Roles:
NOT SET!

GET /afc/reports/:id
Permissions:
NOT SET!
Roles:

NOT SET!

GET /afc/rm-devices-page
Permissions:
NOT SET!
Roles:
NOT SET!

GET /afcserver
Permissions:
NOT SET!
Roles:
NOT SET!

GET /afcserver/{id}
Permissions:
NOT SET!
Roles:
NOT SET!

GET /afcserver/statistics/{id}
Permissions:
NOT SET!
Roles:
NOT SET!

GET /afcserver/diagnostics/{id}
Permissions:
NOT SET!
Roles:
NOT SET!

GET /ap/afc/floorReport/{deviceId}
Permissions:
NOT SET!
Roles:
NOT SET!

GET /ap/afc/interface/details/{sn}
Permissions:
NOT SET!
Roles:
NOT SET!

POST /ap/spectrum

Permissions:
NOT SET!
Roles:
NOT SET!

GET /aps/afc/query

Permissions:
NOT SET!
Roles:
NOT SET!

POST /aps/afc/update

Permissions:
NOT SET!
Roles:
NOT SET!

GET /floor/afc/details

Permissions:
NOT SET!
Roles:
NOT SET!

PUT /floor/afc/details

Permissions:
NOT SET!
Roles:
NOT SET!

POST /floor/afc/details

Permissions:
NOT SET!
Roles:
NOT SET!

DELETE /floor/afc/details/{id}

Permissions:
NOT SET!
Roles:
NOT SET!

GET /site/afc/schedule

Permissions:
NOT SET!

Roles:
NOT SET!

PUT /site/afc/schedule
Permissions:
NOT SET!
Roles:
NOT SET!

POST /site/afc/schedule
Permissions:
NOT SET!
Roles:
NOT SET!

POST /site/spectrum
Permissions:
NOT SET!
Roles:
NOT SET!

RTTS-endpoint
No default permissions for this category

POST /rtts-endpoint
Permissions:
NOT SET!
Roles:
NOT SET!

POST /rtts-endpoint
Permissions:
NOT SET!
Delete:
NOT SET!

AIRRM-endpoint
No default permissions for this category

POST /airrm/ap/radioInfo
Permissions:
NOT SET!
Roles:
NOT SET!

POST /airrm/device/{sn}

Permissions:
NOT SET!
Roles:
NOT SET!

POST /airrm/radio/apInfo/:radioMac

Permissions:
NOT SET!
Roles:
NOT SET!

APPENDIX – A

API call list based on Roles

Administrator
All available API calls

Operator
All available API calls except for the following:
POST /users
DELETE /users/{id}
PATCH /users/{id}
POST /users/external
POST /users/data-usage
DELETE /users/external/{id}
PATCH /users/external/{id}
POST /filter-metadata
POST /users/grid
POST /users/grid-export
POST /users/type-distribution

Monitor
POST /logout
GET /account/viq/default-device-password
GET /users
GET /users/external
GET /hiq/context
GET /hiq/context/creating
GET /hiq/context/reading
GET /locations/building
GET /locations/building/{id}
GET /locations/floor
GET /locations/floor/{id}

GET /locations/site
GET /locations/site/{id}
GET /locations/wall/type
GET /devices/{id}/client-monitor
GET /devices/{id}/ftm-settings
GET /devices/{id}/location
GET /devices/{id}/network-policy
GET /devices/{id}/radio-operating-mode
GET /network-policies
GET /network-policies/{id}
GET /alert-policies/{id}
GET /alert-policies/{policyId}/rules/{ruleId}
GET /alert-subscriptions/emails/{id}
GET /alert-subscriptions/servicenow/{id}
GET /alert-subscriptions/webhooks/{id}
GET /subscriptions/webhook
GET /deployments/{deploymentId}
GET /vlan-profiles
GET /pcgs/key-based
GET /pcgs/key-based/network-policy-{policyId}/port-assignments
GET /pcgs/key-based/network-policy-{policyId}/users
GET /usergroups
GET /ccgs/{id}
GET /classification-rules/{id}
GET /client-monitor-profiles/{id}
GET /hotspot-profiles/{id}
GET /hotspot-service-provider-profiles/{id}
GET /iot-profiles/{id}
GET /l3-address-profiles/{id}
GET /radio-profiles
GET /radio-profiles/{id}
GET /radio-profiles/channel-selection/{id}
GET /radio-profiles/mac-ouis
GET /radio-profiles/mac-ouis/{id}
GET /radio-profiles/miscellaneous/{id}
GET /radio-profiles/neighborhood-analysis/{id}
GET /radio-profiles/radio-usage-opt/{id}
GET /radio-profiles/sensor-scan/{id}
GET /radio-profiles/wmm-qos/{id}
GET /ssids/advanced-settings/{id}
GET /user-profiles
GET /user-profiles/{id}
GET /tunnel-concentrators
GET /tunnel-concentrators/{id}
GET /ldap-servers

GET /ldap-servers/{id}
GET /radius-client-objects
GET /radius-client-objects/{id}
GET /radius-proxies
GET /radius-proxies/{id}
GET /radius-servers/external
GET /radius-servers/external/{id}
GET /radius-servers/internal
GET /radius-servers/internal/{id}
GET /packetcaptures

Installer

POST /logout
POST /auth/apitoken
POST /auth/permissions/:check
GET /operations/{operationId}
POST /account/:switch
GET /account/external
GET /account/home
GET /account/third-party-applications
GET /account/vhm/setting
GET /account/vhm/status
GET /account/viq
GET /account/viq/default-device-password
GET /account/viq/download
GET /account/viq/export-import-status
GET /users/me
GET /hiq/context
PUT /hiq/context
GET /hiq/context/creating
PUT /hiq/context/creating
GET /hiq/context/reading
PUT /hiq/context/reading
GET /hiq/organizations
GET /hiq/status
POST /locations
POST /locations/:init
PUT /locations/{id}
DELETE /locations/{id}
GET /locations/building
POST /locations/building
GET /locations/building/{id}
PUT /locations/building/{id}
DELETE /locations/building/{id}
GET /locations/floor

POST /locations/floor
GET /locations/floor/{id}
PUT /locations/floor/{id}
DELETE /locations/floor/{id}
POST /locations/floorplan
POST /locations/import/ekahau
GET /locations/site
POST /locations/site
GET /locations/site/{id}
PUT /locations/site/{id}
DELETE /locations/site/{id}
GET /locations/tree
GET /locations/tree/devices
GET /locations/tree/maps
GET /locations/wall/type
POST /locations/wall/type
PUT /locations/wall/type/{id}
DELETE /locations/wall/type/{id}
GET /locations/wall/type/references/{id}
GET /devices
POST /devices/:advanced-onboard
POST /devices/:check-ownership
POST /devices/:cli
POST /devices/:delete
POST /devices/:manage
POST /devices/:onboard
POST /devices/:reboot
POST /devices/:reset
POST /devices/:ssh-active-sessions
POST /devices/:unmanage
GET /devices/{id}
DELETE /devices/{id}
POST /devices/{id}/:cli
POST /devices/{id}/:manage
POST /devices/{id}/:reboot
POST /devices/{id}/:reset
POST /devices/{id}/:unmanage
GET /devices/{id}/alarms
POST /devices/{id}/bounce-port
GET /devices/{id}/client-monitor
PUT /devices/{id}/client-monitor
DELETE /devices/{id}/client-monitor
PUT /devices/{id}/description
GET /devices/{id}/ftm-settings
PUT /devices/{id}/ftm-settings

DELETE /devices/{id}/ftm-settings
GET /devices/{id}/gallery-image
GET /devices/{id}/geolocation
GET /devices/{id}/history/cpu-mem
PUT /devices/{id}/hostname
GET /devices/{id}/ibeacon
GET /devices/{id}/installation-report
GET /devices/{id}/interfaces/wifi
GET /devices/{id}/iot
POST /devices/{id}/iot/:disable
POST /devices/{id}/iot/:enable
GET /devices/{id}/location
PUT /devices/{id}/location
DELETE /devices/{id}/location
PUT /devices/{id}/mobileapp/gps
POST /devices/{id}/monitor/:refresh
GET /devices/{id}/monitor/refresh/status
GET /devices/{id}/network-policy
PUT /devices/{id}/network-policy
DELETE /devices/{id}/network-policy
GET /devices/{id}/radio-operating-mode
PUT /devices/{id}/radio-operating-mode
POST /devices/{id}/ssid/:override
GET /devices/{id}/ssid/status
POST /devices/{id}/ssid/status/:change
POST /devices/{id}/thread/commissioner/:start
POST /devices/{id}/thread/commissioner/:stop
PUT /devices/{id}/visible
POST /devices/actions-support-metadata
POST /devices/anchor/assign
POST /devices/anchor/revoke
POST /devices/client-monitor/:assign
POST /devices/client-monitor/:revoke
POST /devices/client-monitor/:query
POST /devices/country-code/:assign
GET /devices/digital-twin
PUT /devices/ibeacon
POST /devices/location/:assign
POST /devices/location/:query
POST /devices/location/:revoke
POST /devices/network-policy/:assign
POST /devices/network-policy/:query
POST /devices/network-policy/:revoke
GET /devices/network-policy/{policyId}
POST /devices/os/:change

GET /devices/radio-information
PUT /devices/radius-proxy/:assign
DELETE /devices/radius-proxy/:revoke
GET /devices/reports/{id}
POST /devices/rm-devices-connection-status
POST /devices/rm-devices-metadata
POST /devices/rm-devices-page
POST /devices/rm-devices-page/export
GET /devices/rm-devices-stack/{stackId}
GET /devices/stats
GET /network-policies
GET /network-policies/{id}
GET /network-policies/{id}/ssids
GET /clients/{id}
GET /clients/active
GET /clients/active/count
GET /clients/byMac/{clientMac}
GET /clients/summary
GET /clients/usage
POST /d360/client/graph
POST /d360/client/grid
POST /d360/wireless/surrounding-aps
POST /dashboard/alerts
POST /dashboard/assets
POST /dashboard/clients
POST /dashboard/devices
POST /dashboard/export
POST /dashboard/sites-with-issues
POST /dashboard/usage-capacity
POST /dashboard/wireless/dashboard/criteria
POST /dashboard/wired/usage-capacity/grid
POST /dashboard/wired/usage-capacity/usage-utilization
POST /dashboard/wired/usage-capacity/wired-congestion
POST /dashboard/wired/usage-capacity/wired-throughput
POST /dashboard/wired/client-health/grid
POST /dashboard/wired/client-health/ip-connectivity-issues
POST /dashboard/wired/client-health/port-congestion
POST /dashboard/wired/client-health/port-errors
POST /dashboard/wired/client-health/traffic-anomalies
POST /dashboard/wired/device-health/cpu-usage-issues
POST /dashboard/wired/device-health/fan-issues
POST /dashboard/wired/device-health/fan-status
POST /dashboard/wired/device-health/grid
POST /dashboard/wired/device-health/memory-usage-issues
POST /dashboard/wired/device-health/poe-usage-issues

POST /dashboard/wired/device-health/poe-usage-status
POST /dashboard/wired/device-health/psu-issues
POST /dashboard/wired/device-health/psu-status
POST /dashboard/wired/device-health/summary
POST /dashboard/wired/device-health/temperature-issues
POST /dashboard/wired/device-health/temperature-status
POST /dashboard/wireless/usage-capacity/excessive-packet-loss
POST /dashboard/wireless/usage-capacity/excessive-retries
POST /dashboard/wireless/usage-capacity/excessive-utilization
POST /dashboard/wireless/usage-capacity/export
POST /dashboard/wireless/usage-capacity/grid
POST /dashboard/wireless/client-health/connectivity-issues
POST /dashboard/wireless/client-health/export
POST /dashboard/wireless/client-health/filter-metadata
POST /dashboard/wireless/client-health/frequency-distribution
POST /dashboard/wireless/client-health/grid
POST /dashboard/wireless/client-health/issue/association
POST /dashboard/wireless/client-health/issue/authentication
POST /dashboard/wireless/client-health/issue/ipaddress
POST /dashboard/wireless/client-health/issue/roaming
POST /dashboard/wireless/client-health/roaming-issues
POST /dashboard/wireless/device-health/export
POST /dashboard/wireless/device-health/grid
POST /dashboard/wireless/device-health/issues/cpu-usage-issues
POST /dashboard/wireless/device-health/issues/memory-usage-issues
POST /dashboard/wireless/device-health/issues/poe-usage-issues
POST /dashboard/wireless/device-health/summary
GET /applications/reports/{id}
POST /applications/usage/summary
POST /applications/usage/summary/export
GET /applications/usage/summary/meta-data
GET /alert-policies
GET /alert-policies/{id}
GET /alert-policies/{policyId}/rules/{ruleId}
GET /alert-policies/available-sites
GET /alert-subscriptions/emails
GET /alert-subscriptions/emails/{id}
GET /alert-subscriptions/servicenow
GET /alert-subscriptions/servicenow/{id}
GET /alert-subscriptions/webhooks
GET /alert-subscriptions/webhooks/{id}
GET /alerts
GET /alerts/count-by-{group}
GET /alerts/reports/{id}
GET /logs/accounting

GET /logs/audit
GET /logs/audit/full-descriptions/{id}
GET /logs/audit/reports/{id}
GET /logs/auth
GET /logs/credential
GET /logs/email
GET /logs/sms
GET /deployments
GET /deployments/{deploymentId}
GET /deployments/{deploymentId}/status
GET /deployments/overview
GET /deployments/status
GET /client-monitor-profiles
GET /client-monitor-profiles/{id}
GET /hotspot-profiles
GET /hotspot-profiles/{id}
GET /hotspot-service-provider-profiles
GET /hotspot-service-provider-profiles/{id}
GET /iot-profiles
GET /iot-profiles/{id}
GET /radio-profiles
GET /radio-profiles/{id}
GET /radio-profiles/channel-selection/{id}
GET /radio-profiles/mac-ouis
GET /radio-profiles/mac-ouis/{id}
GET /radio-profiles/miscellaneous/{id}
GET /radio-profiles/neighborhood-analysis/{id}
GET /radio-profiles/radio-usage-opt/{id}
GET /radio-profiles/sensor-scan/{id}
GET /radio-profiles/wmm-qos/{id}
GET /ssids
GET /ssids/advanced-settings/{id}
GET /user-profiles
GET /user-profiles/{id}
GET /tunnel-concentrators
GET /tunnel-concentrators/{id}
GET /radius-client-objects
GET /radius-client-objects/{id}
GET /radius-servers/external
GET /radius-servers/external/{id}
GET /radius-servers/internal
GET /radius-servers/internal/{id}
GET /radius-servers/internal/devices
GET /certificates
GET /packetcaptures

GET /packetcaptures/{id}
GET /packetcaptures/files
GET /network-scorecard/clientHealth/{locationId}
GET /network-scorecard/deviceHealth/{locationId}
GET /network-scorecard/networkHealth/{locationId}
GET /network-scorecard/servicesHealth/{locationId}
GET /network-scorecard/wifiHealth/{locationId}
GET /countries
GET /countries/{countryAlpha2Code}/states
GET /countries/{countryCode}/:validate
POST /afc/export
POST /afc/filter-metadata

Observer
POST /logout
GET /auth/apitoken/info
GET /auth/permissions
POST /auth/permissions/:check
GET /operations/{operationId}
POST /account/:switch
GET /account/external
GET /account/home
GET /account/third-party-applications
GET /account/vhm/setting
GET /account/vhm/status
GET /account/viq
GET /account/viq/default-device-password
GET /account/viq/download
GET /account/viq/export-import-status
GET /users
GET /users/{id}
GET /users/external
GET /users/external/{id}
GET /users/me
GET /users/reports/{id}
GET /hiq/context
GET /hiq/context/creating
GET /hiq/context/reading
GET /hiq/organizations
GET /hiq/status
GET /locations/building
GET /locations/building/{id}
GET /locations/floor
GET /locations/floor/{id}
GET /locations/site

GET /locations/site/{id}
GET /locations/tree
GET /locations/tree/devices
GET /locations/tree/maps
GET /locations/wall/type
GET /locations/wall/type/references/{id}
GET /devices
GET /devices/{id}
GET /devices/{id}/alarms
GET /devices/{id}/client-monitor
GET /devices/{id}/ftm-settings
GET /devices/{id}/gallery-image
GET /devices/{id}/geolocation
GET /devices/{id}/history/cpu-mem
GET /devices/{id}/ibeacon
GET /devices/{id}/installation-report
GET /devices/{id}/interfaces/wifi
GET /devices/{id}/iot
GET /devices/{id}/location
GET /devices/{id}/monitor/refresh/status
GET /devices/{id}/network-policy
GET /devices/{id}/radio-operating-mode
GET /devices/{id}/ssid/status
GET /devices/digital-twin
GET /devices/network-policy/{policyId}
GET /devices/radio-information
GET /devices/reports/{id}
POST /devices/rm-devices-connection-status
POST /devices/rm-devices-metadata
POST /devices/rm-devices-page
POST /devices/rm-devices-page/export
GET /devices/rm-devices-stack/{stackId}
GET /devices/stats
GET /network-policies
GET /network-policies/{id}
GET /network-policies/{id}/ssids
GET /clients/{id}
GET /clients/active
GET /clients/active/count
GET /clients/byMac/{clientMac}
GET /clients/summary
GET /clients/usage
POST /d360/client/graph
POST /d360/client/grid
POST /d360/wireless/surrounding-aps

POST /dashboard/alerts
POST /dashboard/assets
POST /dashboard/clients
POST /dashboard/devices
POST /dashboard/export
POST /dashboard/sites-with-issues
POST /dashboard/usage-capacity
POST /dashboard/wireless/dashboard/criteria
POST /dashboard/wired/usage-capacity/grid
POST /dashboard/wired/usage-capacity/usage-utilization
POST /dashboard/wired/usage-capacity/wired-congestion
POST /dashboard/wired/usage-capacity/wired-throughput
POST /dashboard/wired/client-health/grid
POST /dashboard/wired/client-health/ip-connectivity-issues
POST /dashboard/wired/client-health/port-congestion
POST /dashboard/wired/client-health/port-errors
POST /dashboard/wired/client-health/traffic-anomalies
POST /dashboard/wired/device-health/cpu-usage-issues
POST /dashboard/wired/device-health/fan-issues
POST /dashboard/wired/device-health/fan-status
POST /dashboard/wired/device-health/grid
POST /dashboard/wired/device-health/memory-usage-issues
POST /dashboard/wired/device-health/poe-usage-issues
POST /dashboard/wired/device-health/poe-usage-status
POST /dashboard/wired/device-health/psu-issues
POST /dashboard/wired/device-health/psu-status
POST /dashboard/wired/device-health/summary
POST /dashboard/wired/device-health/temperature-issues
POST /dashboard/wired/device-health/temperature-status
POST /dashboard/wireless/usage-capacity/excessive-packet-loss
POST /dashboard/wireless/usage-capacity/excessive-retries
POST /dashboard/wireless/usage-capacity/excessive-utilization
POST /dashboard/wireless/usage-capacity/export
POST /dashboard/wireless/usage-capacity/grid
POST /dashboard/wireless/client-health/connectivity-issues
POST /dashboard/wireless/client-health/export
POST /dashboard/wireless/client-health/filter-metadata
POST /dashboard/wireless/client-health/frequency-distribution
POST /dashboard/wireless/client-health/grid
POST /dashboard/wireless/client-health/issue/association
POST /dashboard/wireless/client-health/issue/authentication
POST /dashboard/wireless/client-health/issue/ipaddress
POST /dashboard/wireless/client-health/issue/roaming
POST /dashboard/wireless/client-health/roaming-issues
POST /dashboard/wireless/device-health/export

POST /dashboard/wireless/device-health/grid
POST /dashboard/wireless/device-health/issues/cpu-usage-issues
POST /dashboard/wireless/device-health/issues/memory-usage-issues
POST /dashboard/wireless/device-health/issues/poe-usage-issues
POST /dashboard/wireless/device-health/summary
GET /applications
GET /applications/{id}/clients/top{n}
GET /applications/reports/{id}
GET /applications/top{n}
POST /applications/usage/summary
POST /applications/usage/summary/export
GET /applications/usage/summary/meta-data
GET /alert-policies
GET /alert-policies/{id}
GET /alert-policies/{policyId}/rules/{ruleId}
GET /alert-policies/available-sites
GET /alert-subscriptions/emails
GET /alert-subscriptions/emails/{id}
GET /alert-subscriptions/servicenow
GET /alert-subscriptions/servicenow/{id}
GET /alert-subscriptions/webhooks
GET /alert-subscriptions/webhooks/{id}
GET /alerts
GET /alerts/count-by-{group}
GET /alerts/reports/{id}
GET /logs/accounting
GET /logs/audit
GET /logs/audit/full-descriptions/{id}
GET /logs/audit/reports/{id}
GET /logs/auth
GET /logs/credential
GET /logs/email
GET /logs/sms
GET /subscriptions/webhook
GET /subscriptions/webhook/export
GET /deployments
GET /deployments/{deploymentId}
GET /deployments/{deploymentId}/status
GET /deployments/overview
GET /deployments/status
GET /vlan-profiles
GET /vlan-profiles/{id}
GET /email-templates
GET /endusers
GET /pcgs/key-based

GET /pcgs/key-based/network-policy-{policyId}/port-assignments
GET /pcgs/key-based/network-policy-{policyId}/users
GET /sms-templates
GET /usergroups
GET /usergroups/:unique
GET /ccgs
GET /ccgs/{id}
GET /classification-rules
GET /classification-rules/{id}
GET /client-monitor-profiles
GET /client-monitor-profiles/{id}
GET /hotspot-profiles
GET /hotspot-profiles/{id}
GET /hotspot-service-provider-profiles
GET /hotspot-service-provider-profiles/{id}
GET /iot-profiles
GET /iot-profiles/{id}
GET /l3-address-profiles
GET /l3-address-profiles/{id}
GET /radio-profiles
GET /radio-profiles/{id}
GET /radio-profiles/channel-selection/{id}
GET /radio-profiles/mac-ouis
GET /radio-profiles/mac-ouis/{id}
GET /radio-profiles/miscellaneous/{id}
GET /radio-profiles/neighborhood-analysis/{id}
GET /radio-profiles/radio-usage-opt/{id}
GET /radio-profiles/sensor-scan/{id}
GET /radio-profiles/wmm-qos/{id}
GET /ssids
GET /ssids/advanced-settings/{id}
GET /user-profiles
GET /user-profiles/{id}
GET /tunnel-concentrators
GET /tunnel-concentrators/{id}
GET /ad-servers
GET /cwps
GET /ldap-servers
GET /ldap-servers/{id}
GET /radius-client-objects
GET /radius-client-objects/{id}
GET /radius-proxies
GET /radius-proxies/{id}
GET /radius-proxies/devices
GET /radius-servers/external

GET /radius-servers/external/{id}
GET /radius-servers/internal
GET /radius-servers/internal/{id}
GET /radius-servers/internal/devices
GET /certificates
GET /copilot/connectivity/wired/events
GET /copilot/connectivity/wired/experience
GET /copilot/connectivity/wired/hardware
GET /copilot/connectivity/wired/locations/hardware
GET /copilot/connectivity/wired/quality-index
GET /copilot/connectivity/wireless/apps
GET /copilot/connectivity/wireless/events
GET /copilot/connectivity/wireless/experience
GET /copilot/connectivity/wireless/locations/events
GET /copilot/connectivity/wireless/locations/performance
GET /copilot/connectivity/wireless/locations/quality-index
GET /copilot/connectivity/wireless/locations/time-to-connect
GET /copilot/connectivity/wireless/performance
GET /copilot/connectivity/wireless/quality-index
GET /copilot/connectivity/wireless/time-to-connect
GET /copilot/connectivity/wireless/views
GET /copilot/anomalies/adverse-traffic/device-stats
GET /copilot/anomalies/adverse-traffic/packet-counts
GET /copilot/anomalies/anomalies-by-category
GET /copilot/anomalies/devices-by-location
GET /copilot/anomalies/devices-with-locations
GET /copilot/anomalies/dfs-recurrence/channel-stats
GET /copilot/anomalies/dfs-recurrence/count-stats
GET /copilot/anomalies/excluded-vlans-list
GET /copilot/anomalies/hardware-health/client-list
GET /copilot/anomalies/hardware-health/cpu-mem-stats
GET /copilot/anomalies/hardware-health/stats
GET /copilot/anomalies/locations
GET /copilot/anomalies/missing-vlan/count
GET /copilot/anomalies/notifications
GET /copilot/anomalies/poeflapping/lldp-cdp-info
GET /copilot/anomalies/poeflapping/stats
GET /copilot/anomalies/poeflapping/trends
GET /copilot/anomalies/port-efficiency/speed-duplex-stats
GET /copilot/anomalies/port-efficiency/stats
GET /copilot/anomalies/report
GET /copilot/anomalies/wifi-capacity/client-list
GET /copilot/anomalies/wifi-capacity/stats
GET /copilot/anomalies/wifi-efficiency/client-list
GET /copilot/anomalies/wifi-efficiency/stats

GET /copilot/assurance-scans/overview
GET /packetcaptures
GET /packetcaptures/{id}
GET /packetcaptures/files
GET /network-scorecard/clientHealth/{locationId}
GET /network-scorecard/deviceHealth/{locationId}
GET /network-scorecard/networkHealth/{locationId}
GET /network-scorecard/servicesHealth/{locationId}
GET /network-scorecard/wifiHealth/{locationId}
GET /countries
GET /countries/{countryAlpha2Code}/states
GET /countries/{countryCode}/:validate
POST /afc/export
POST /afc/filter-metadata

Help Desk
POST /logout
POST /auth/permissions/:check
GET /operations/{operationId}
POST /account/:switch
GET /account/external
GET /account/home
GET /account/third-party-applications
GET /account/vhm/setting
GET /account/vhm/status
GET /account/viq
GET /account/viq/default-device-password
GET /account/viq/download
GET /account/viq/export-import-status
GET /users/me
GET /hiq/context
GET /hiq/context/creating
GET /hiq/context/reading
GET /hiq/organizations
GET /hiq/status
GET /locations/building
GET /locations/building/{id}
GET /locations/floor
GET /locations/floor/{id}
GET /locations/site
GET /locations/site/{id}
GET /locations/tree
GET /locations/tree/devices
GET /locations/tree/maps
GET /locations/wall/type

GET /locations/wall/type/references/{id}
GET /clients/{id}
GET /clients/active
GET /clients/active/count
GET /clients/byMac/{clientMac}
GET /clients/summary
GET /clients/usage
GET /applications/reports/{id}
POST /applications/usage/summary
POST /applications/usage/summary/export
GET /applications/usage/summary/meta-data
GET /alerts
GET /alerts/count-by-{group}
GET /alerts/reports/{id}
GET /deployments
GET /deployments/{deploymentId}
GET /deployments/{deploymentId}/status
GET /deployments/overview
GET /deployments/status
GET /endusers
GET /packetcaptures
POST /packetcaptures
DELETE /packetcaptures
GET /packetcaptures/{id}
DELETE /packetcaptures/{id}
POST /packetcaptures/{id}/:stop
POST /packetcaptures/{id}/:upload
GET /packetcaptures/files
GET /countries
GET /countries/{countryAlpha2Code}/states
GET /countries/{countryCode}/:validate

Application Operator
POST /account/:switch
GET /account/external
GET /account/home
GET /account/third-party-applications
GET /account/vhm/setting
GET /account/vhm/status
GET /account/viq
GET /account/viq/default-device-password
GET /account/viq/download
GET /account/viq/export-import-status
GET /logs/accounting
GET /logs/audit

GET /logs/audit/full-descriptions/{id}
GET /logs/audit/reports/{id}
GET /logs/auth
GET /logs/credential
GET /logs/email
GET /logs/sms

Guest Management
POST /logout
POST /auth/permissions/:check
GET /operations/{operationId}
POST /account/:switch
GET /account/external
GET /account/home
GET /account/third-party-applications
GET /account/vhm/setting
GET /account/vhm/status
GET /account/viq
GET /account/viq/default-device-password
GET /account/viq/download
GET /account/viq/export-import-status
GET /deployments
GET /deployments/{deploymentId}
GET /deployments/{deploymentId}/status
GET /deployments/overview
GET /deployments/status
GET /endusers
POST /endusers
PUT /endusers/{id}
DELETE /endusers/{id}
POST /endusers/{id}/:regenerate-password
GET /usergroups
GET /usergroups/:unique
GET /copilot/connectivity/wired/events
GET /copilot/connectivity/wired/experience
GET /copilot/connectivity/wired/hardware
GET /copilot/connectivity/wired/locations/hardware
GET /copilot/connectivity/wired/quality-index
GET /copilot/connectivity/wireless/apps
GET /copilot/connectivity/wireless/events
GET /copilot/connectivity/wireless/experience
GET /copilot/connectivity/wireless/locations/events
GET /copilot/connectivity/wireless/locations/performance
GET /copilot/connectivity/wireless/locations/quality-index
GET /copilot/connectivity/wireless/locations/time-to-connect

GET /copilot/connectivity/wireless/performance
GET /copilot/connectivity/wireless/quality-index
GET /copilot/connectivity/wireless/time-to-connect
GET /copilot/connectivity/wireless/views
GET /copilot/anomalies/adverse-traffic/device-stats
GET /copilot/anomalies/adverse-traffic/packet-counts
GET /copilot/anomalies/anomalies-by-category
GET /copilot/anomalies/devices-by-location
GET /copilot/anomalies/devices-with-locations
GET /copilot/anomalies/dfs-recurrence/channel-stats
GET /copilot/anomalies/dfs-recurrence/count-stats
GET /copilot/anomalies/excluded-vlans-list
GET /copilot/anomalies/hardware-health/client-list
GET /copilot/anomalies/hardware-health/cpu-mem-stats
GET /copilot/anomalies/hardware-health/stats
GET /copilot/anomalies/locations
GET /copilot/anomalies/missing-vlan/count
GET /copilot/anomalies/notifications
GET /copilot/anomalies/poeflapping/lldp-cdp-info
GET /copilot/anomalies/poeflapping/stats
GET /copilot/anomalies/poeflapping/trends
GET /copilot/anomalies/port-efficiency/speed-duplex-stats
GET /copilot/anomalies/port-efficiency/stats
GET /copilot/anomalies/report
GET /copilot/anomalies/wifi-capacity/client-list
GET /copilot/anomalies/wifi-capacity/stats
GET /copilot/anomalies/wifi-efficiency/client-list
GET /copilot/anomalies/wifi-efficiency/stats
GET /copilot/assurance-scans/overview

APPENDIX – B

API call list based on Permission

logout
POST /logout

auth
POST /auth/permissions/:check
POST /auth/apitoken
POST /auth/apitoken/:validate
GET /auth/permissions
GET /auth/apitoken/info

auth:r

GET /auth/permissions
GET /auth/apitoken/info

token:new

POST /auth/apitoken

perm:check

POST /auth/permissions/:check

lro

POST /operations/{operationId}/:cancel
GET /operations/{operationId}
DELETE /operations/{operationId}

lro:r

GET /operations/{operationId}

account

GET /account/viq/default-device-password
PUT /account/viq/default-device-password
PUT /account/vhm/setting/{id}
POST /account/viq/import
POST /account/viq/export
POST /account/viq/:reset
POST /account/viq/:backup
POST /account/:switch
GET /account/viq
GET /account/viq/export-import-status
GET /account/viq/download
GET /account/vhm/status
GET /account/vhm/setting
GET /account/third-party-applications
GET /account/home
GET /account/external

account:switch

POST /account/:switch

account:r

GET /account/viq/default-device-password
GET /account/viq
GET /account/viq/export-import-status
GET /account/viq/download
GET /account/vhm/status

GET /account/vhm/setting
GET /account/third-party-applications
GET /account/home
GET /account/external

POST /account/viq/:backup

user
GET /users
POST /users
POST /users/type-distribution
POST /users/grid
POST /users/grid-export
POST /users/filter-metadata
GET /users/external
POST /users/external
POST /users/data-usage
GET /users/{id}
DELETE /users/{id}
PATCH /users/{id}
GET /users/external/{id}
DELETE /users/external/{id}
PATCH /users/external/{id}
GET /users/reports/{id}
GET /users/me

user-me:r
GET /users/me

user:r
GET /users
GET /users/external
GET /users/{id}
GET /users/external/{id}
GET /users/reports/{id}
GET /users/me

hiq
GET /hiq/context
PUT /hiq/context
GET /hiq/context/reading
PUT /hiq/context/reading
GET /hiq/context/creating
PUT /hiq/context/creating

GET /hiq/organizations
POST /hiq/organizations
POST /hiq/organizations/{id}/:rename
GET /hiq/status
DELETE /hiq/organizations/{id}

hiq:r
GET /hiq/context
GET /hiq/context/reading
GET /hiq/context/creating
GET /hiq/organizations
GET /hiq/status

org
GET /hiq/organizations
POST /hiq/organizations
POST /hiq/organizations/{id}/:rename
DELETE /hiq/organizations/{id}

org:new
POST /hiq/organizations

org:del
DELETE /hiq/organizations/{id}

org:rename
POST /hiq/organizations/{id}/:rename

hiq.ctx
GET /hiq/context
PUT /hiq/context
GET /hiq/context/reading
PUT /hiq/context/reading
GET /hiq/context/creating
PUT /hiq/context/creating

hiq.ctx:r
GET /hiq/context
GET /hiq/context/reading
GET /hiq/context/creating

hiq.ctx:w
PUT /hiq/context
PUT /hiq/context/reading
PUT /hiq/context/creating

device

PUT /devices/{id}/visible
GET /devices/{id}/radio-operating-mode
PUT /devices/{id}/radio-operating-mode
GET /devices/{id}/network-policy
PUT /devices/{id}/network-policy
DELETE /devices/{id}/network-policy
PUT /devices/{id}/mobileapp/gps
GET /devices/{id}/location
PUT /devices/{id}/location
DELETE /devices/{id}/location
PUT /devices/{id}/hostname
GET /devices/{id}/ftm-settings
PUT /devices/{id}/ftm-settings
DELETE /devices/{id}/ftm-settings
PUT /devices/{id}/description
GET /devices/{id}/client-monitor
PUT /devices/{id}/client-monitor
DELETE /devices/{id}/client-monitor
PUT /devices/radius-proxy/:assign
PUT /devices/ibeacon
POST /devices/{id}/thread/commissioner/:stop
POST /devices/{id}/thread/commissioner/:start
POST /devices/{id}/ssid/status/:change
POST /devices/{id}/ssid/:override
POST /devices/{id}/monitor/:refresh
POST /devices/{id}/iot/:enable
POST /devices/{id}/iot/:disable
POST /devices/{id}/bounce-port
POST /devices/{id}/:unmanage
POST /devices/{id}/:reset
POST /devices/{id}/:reboot
POST /devices/{id}/:manage
POST /devices/{id}/:cli
POST /devices/rm-devices-page
POST /devices/rm-devices-page/export
POST /devices/rm-devices-metadata
POST /devices/rm-devices-connection-status
POST /devices/os/:change
POST /devices/network-policy/:revoke
POST /devices/network-policy/:query
POST /devices/network-policy/:assign
POST /devices/location/:revoke
POST /devices/location/:query
POST /devices/location/:assign

POST /devices/country-code/:assign
POST /devices/client-monitor/:revoke
POST /devices/client-monitor/:query
POST /devices/client-monitor/:assign
POST /devices/anchor/revoke
POST /devices/anchor/assign
POST /devices/actions-support-metadata
POST /devices/:unmanage
POST /devices/:ssh-active-sessions
POST /devices/:reset
POST /devices/:reboot
POST /devices/:onboard
POST /devices/:manage
POST /devices/:delete
POST /devices/:cli
POST /devices/:check-ownership
POST /devices/:advanced-onboard
GET /devices
GET /devices/{id}
DELETE /devices/{id}
GET /devices/{id}/ssid/status
GET /devices/{id}/monitor/refresh/status
GET /devices/{id}/iot
GET /devices/{id}/interfaces/wifi
GET /devices/{id}/installation-report
GET /devices/{id}/ibeacon
GET /devices/{id}/history/cpu-mem
GET /devices/{id}/geolocation
GET /devices/{id}/gallery-image
GET /devices/{id}/alarms
GET /devices/stats
GET /devices/rm-devices-stack/{stackId}
GET /devices/reports/{id}
GET /devices/radio-information
GET /devices/network-policy/{policyId}
GET /devices/digital-twin
DELETE /devices/radius-proxy/:revoke

device:r
GET /devices/{id}/radio-operating-mode
GET /devices/{id}/network-policy
GET /devices/{id}/location
GET /devices/{id}/ftm-settings
GET /devices/{id}/client-monitor
GET /devices

GET /devices/{id}
GET /devices/{id}/ssid/status
GET /devices/{id}/monitor/refresh/status
GET /devices/{id}/iot
GET /devices/{id}/interfaces/wifi
GET /devices/{id}/installation-report
GET /devices/{id}/ibeacon
GET /devices/{id}/history/cpu-mem
GET /devices/{id}/geolocation
GET /devices/{id}/gallery-image
GET /devices/{id}/alarms
GET /devices/stats
GET /devices/rm-devices-stack/{stackId}
GET /devices/reports/{id}
GET /devices/radio-information
GET /devices/network-policy/{policyId}
GET /devices/digital-twin

device:list
GET /devices

device:view
GET /devices/{id}
GET /devices/stats
GET /devices/radio-information
GET /devices/digital-twin

device:relaxed_read
POST /devices/rm-devices-page
POST /devices/rm-devices-page/export
POST /devices/rm-devices-metadata
POST /devices/rm-devices-connection-status

device:new
POST /devices/:onboard

device:del
POST /devices/:delete

device:cli
POST /devices/:cli

device:deploy
Permission not used

device:manage
POST /devices/:manage

device:unmanage
POST /devices/:unmanage

device:reboot
POST /devices/:reboot

device:reset
POST /devices/{id}/:reset

device:thread-commissioner
POST /devices/{id}/thread/commissioner/:stop
POST /devices/{id}/thread/commissioner/:start

d360:relaxed_read
POST /d360/wireless/surrounding-aps
POST /d360/client/grid
POST /d360/client/graph

dashboard:relaxed_read
POST /dashboard/wireless/usage-capacity/grid
POST /dashboard/wireless/usage-capacity/export
POST /dashboard/wireless/usage-capacity/excessive-utilization
POST /dashboard/wireless/usage-capacity/excessive-retries
POST /dashboard/wireless/usage-capacity/excessive-packet-loss
POST /dashboard/wireless/device-health/summary
POST /dashboard/wireless/device-health/issues/poe-usage-issues
POST /dashboard/wireless/device-health/issues/memory-usage-issues
POST /dashboard/wireless/device-health/issues/cpu-usage-issues
POST /dashboard/wireless/device-health/grid
POST /dashboard/wireless/device-health/export
POST /dashboard/wireless/dashboard/criteria
POST /dashboard/wireless/client-health/roaming-issues
POST /dashboard/wireless/client-health/issue/roaming
POST /dashboard/wireless/client-health/issue/ipaddress
POST /dashboard/wireless/client-health/issue/authentication
POST /dashboard/wireless/client-health/issue/association
POST /dashboard/wireless/client-health/grid
POST /dashboard/wireless/client-health/frequency-distribution
POST /dashboard/wireless/client-health/filter-metadata
POST /dashboard/wireless/client-health/export
POST /dashboard/wireless/client-health/connectivity-issues
POST /dashboard/wired/usage-capacity/wired-throughput

POST /dashboard/wired/usage-capacity/wired-congestion
POST /dashboard/wired/usage-capacity/usage-utilization
POST /dashboard/wired/usage-capacity/grid
POST /dashboard/wired/device-health/temperature-status
POST /dashboard/wired/device-health/temperature-issues
POST /dashboard/wired/device-health/summary
POST /dashboard/wired/device-health/psu-status
POST /dashboard/wired/device-health/psu-issues
POST /dashboard/wired/device-health/poe-usage-status
POST /dashboard/wired/device-health/poe-usage-issues
POST /dashboard/wired/device-health/memory-usage-issues
POST /dashboard/wired/device-health/grid
POST /dashboard/wired/device-health/fan-status
POST /dashboard/wired/device-health/fan-issues
POST /dashboard/wired/device-health/cpu-usage-issues
POST /dashboard/wired/client-health/traffic-anomalies
POST /dashboard/wired/client-health/port-errors
POST /dashboard/wired/client-health/port-congestion
POST /dashboard/wired/client-health/ip-connectivity-issues
POST /dashboard/wired/client-health/grid
POST /dashboard/usage-capacity
POST /dashboard/sites-with-issues
POST /dashboard/export
POST /dashboard/devices
POST /dashboard/clients
POST /dashboard/assets
POST /dashboard/alerts

client
PUT /clients/alias
POST /clients/disconnect
GET /clients/{id}
GET /clients/usage
GET /clients/summary
GET /clients/byMac/{clientMac}
DELETE /clients/byMac/{clientMac}
GET /clients/active
GET /clients/active/count

client:r
GET /clients/{id}
GET /clients/usage
GET /clients/summary
GET /clients/byMac/{clientMac}
GET /clients/active

GET /clients/active/count

applications-reports
GET /applications/reports/{id}

applications-usage
POST /applications/usage/summary
POST /applications/usage/summary/export
GET /applications/usage/summary/meta-data

locations
PUT /locations/{id}
DELETE /locations/{id}
PUT /locations/wall/type/{id}
DELETE /locations/wall/type/{id}
GET /locations/site/{id}
PUT /locations/site/{id}
DELETE /locations/site/{id}
GET /locations/floor/{id}
PUT /locations/floor/{id}
DELETE /locations/floor/{id}
GET /locations/building/{id}
PUT /locations/building/{id}
DELETE /locations/building/{id}
POST /locations
GET /locations/wall/type
POST /locations/wall/type
GET /locations/site
POST /locations/site
POST /locations/import/ekahau
POST /locations/floorplan
GET /locations/floor
POST /locations/floor
GET /locations/building
POST /locations/building
POST /locations/:init
GET /locations/wall/type/references/{id}
GET /locations/tree
GET /locations/tree/maps
GET /locations/tree/devices

locations:r
GET /locations/site/{id}
GET /locations/floor/{id}
GET /locations/building/{id}

GET /locations/wall/type
GET /locations/site
GET /locations/floor
GET /locations/building
GET /locations/wall/type/references/{id}
GET /locations/tree
GET /locations/tree/maps
GET /locations/tree/devices

network-policy
GET /network-policies/{id}
PUT /network-policies/{id}
DELETE /network-policies/{id}
GET /network-policies
POST /network-policies
POST /network-policies/{id}/ssids/:remove
POST /network-policies/{id}/ssids/:add
GET /network-policies/{id}/ssids

policy:ssid
POST /network-policies/{id}/ssids/:remove
POST /network-policies/{id}/ssids/:add

network-policy:r
GET /network-policies/{id}
GET /network-policies
GET /network-policies/{id}/ssids

network-scorecard
GET /network-scorecard/wifiHealth/{locationId}
GET /network-scorecard/servicesHealth/{locationId}
GET /network-scorecard/networkHealth/{locationId}
GET /network-scorecard/deviceHealth/{locationId}
GET /network-scorecard/clientHealth/{locationId}

network-scorecard:r
GET /network-scorecard/wifiHealth/{locationId}
GET /network-scorecard/servicesHealth/{locationId}
GET /network-scorecard/networkHealth/{locationId}
GET /network-scorecard/deviceHealth/{locationId}
GET /network-scorecard/clientHealth/{locationId}

ssid
PUT /ssids/{id}/psk/password
PUT /ssids/{id}/mode/wep

PUT /ssids/{id}/mode/psk
PUT /ssids/{id}/mode/ppsk
PUT /ssids/{id}/mode/open
PUT /ssids/{id}/mode/dot1x
GET /ssids/advanced-settings/{id}
PUT /ssids/advanced-settings/{id}
POST /ssids/{id}/user-profile/:attach
POST /ssids/{id}/user-profile-assignment/:attach
POST /ssids/{id}/radius-server-group/:attach
POST /ssids/{id}/radius-client-profile/:attach
POST /ssids/{id}/cwp/:enable
POST /ssids/{id}/cwp/:disable
POST /ssids/{id}/cwp/:attach
POST /ssids/{id}/client-monitor-profile/:attach
POST /ssids/{id}/:rename
GET /ssids

ssid:r
GET /ssids/advanced-settings/{id}
GET /ssids

pcg:key
GET /pcgs/key-based/network-policy-{policyId}/users
PUT /pcgs/key-based/network-policy-{policyId}/users
POST /pcgs/key-based/network-policy-{policyId}/users
DELETE /pcgs/key-based/network-policy-{policyId}/users
GET /pcgs/key-based
POST /pcgs/key-based
GET /pcgs/key-based/network-policy-{policyId}/port-assignments
POST /pcgs/key-based/network-policy-{policyId}/port-assignments
POST /pcgs/key-based/network-policy-{policyId}/keys/:generate
POST /pcgs/key-based/network-policy-{policyId}/keys/:email
POST /pcgs/key-based/network-policy-{policyId}/:onboard
DELETE /pcgs/key-based/network-policy-{policyId}

pcg:key:r
GET /pcgs/key-based/network-policy-{policyId}/users
GET /pcgs/key-based
GET /pcgs/key-based/network-policy-{policyId}/port-assignments

subscriptions-webhook
PUT /subscriptions/webhook/{id}
GET /subscriptions/webhook
POST /subscriptions/webhook
GET /subscriptions/webhook/export

DELETE /subscriptions/webhook/:delete

subscriptions-webhook:r
GET /subscriptions/webhook
GET /subscriptions/webhook/export

ccg
GET /ccgs/{id}
PUT /ccgs/{id}
DELETE /ccgs/{id}
GET /ccgs
POST /ccgs

ccg:r
GET /ccgs/{id}
GET /ccgs

log
POST /logs/audit/reports
GET /logs/sms
GET /logs/email
GET /logs/credential
GET /logs/auth
GET /logs/audit
GET /logs/audit/reports/{id}
GET /logs/audit/full-descriptions/{id}
GET /logs/accounting

log:r
GET /logs/sms
GET /logs/email
GET /logs/credential
GET /logs/auth
GET /logs/audit
GET /logs/audit/reports/{id}
GET /logs/audit/full-descriptions/{id}
GET /logs/accounting

cwp
GET /cwps

cwp:r
GET /cwps

sms-tmpl
GET /sms-templates

sms-tmpl:r
GET /sms-templates

class-rule
GET /classification-rules/{id}
PUT /classification-rules/{id}
DELETE /classification-rules/{id}
GET /classification-rules
POST /classification-rules

class-rule:r
GET /classification-rules/{id}
GET /classification-rules

user-profile
GET /user-profiles/{id}
PUT /user-profiles/{id}
DELETE /user-profiles/{id}
GET /user-profiles
POST /user-profiles
POST /user-profiles/{id}/mac-firewall-policies/:detach
POST /user-profiles/{id}/mac-firewall-policies/:attach
POST /user-profiles/{id}/ip-firewall-policies/:detach
POST /user-profiles/{id}/ip-firewall-policies/:attach

user-profile:r
GET /user-profiles/{id}
GET /user-profiles

tunnel-concentrator
GET /tunnel-concentrators/{id}
PUT /tunnel-concentrators/{id}
DELETE /tunnel-concentrators/{id}
GET /tunnel-concentrators
POST /tunnel-concentrators

tunnel-concentrator:r
GET /tunnel-concentrators/{id}
GET /tunnel-concentrators

radius-proxy
GET /radius-proxies/{id}

PUT /radius-proxies/{id}
DELETE /radius-proxies/{id}
GET /radius-proxies
POST /radius-proxies
GET /radius-proxies/devices

radius-proxy:r
GET /radius-proxies/{id}
GET /radius-proxies
GET /radius-proxies/devices

radius-server
GET /radius-servers/internal/{id}
PUT /radius-servers/internal/{id}
DELETE /radius-servers/internal/{id}
GET /radius-servers/external/{id}
PUT /radius-servers/external/{id}
DELETE /radius-servers/external/{id}
GET /radius-servers/internal
POST /radius-servers/internal
DELETE /radius-servers/internal
GET /radius-servers/external
POST /radius-servers/external
GET /radius-servers/internal/devices

radius-server:r
GET /radius-servers/internal/{id}
GET /radius-servers/external/{id}
GET /radius-servers/internal
GET /radius-servers/external
GET /radius-servers/internal/devices

usergroup
PUT /usergroups/{id}
DELETE /usergroups/{id}
GET /usergroups
POST /usergroups
GET /usergroups/:unique

usergroup:r
GET /usergroups
GET /usergroups/:unique

deployment
GET /deployments/{deploymentId}

PUT /deployments/{deploymentId}
DELETE /deployments/{deploymentId}
GET /deployments
POST /deployments
POST /deployments/firmware-metadatas
GET /deployments/{deploymentId}/status
GET /deployments/status
GET /deployments/overview

deployment:r
GET /deployments/{deploymentId}
GET /deployments
GET /deployments/{deploymentId}/status
GET /deployments/status
GET /deployments/overview

ad-server
GET /ad-servers

ad-server:r
GET /ad-servers

alert
POST /alerts/reports
POST /alerts/:acknowledge
GET /alerts
GET /alerts/reports/{id}
GET /alerts/count-by-{group}

alert:r
GET /alerts
GET /alerts/reports/{id}
GET /alerts/count-by-{group}

alert-policies
GET /alert-policies/{policyId}/rules/{ruleId}
PUT /alert-policies/{policyId}/rules/{ruleId}
GET /alert-policies/{id}
PUT /alert-policies/{id}
DELETE /alert-policies/{id}
GET /alert-policies
POST /alert-policies
POST /alert-policies/{policyId}/rules/{ruleId}/:enable
POST /alert-policies/{policyId}/rules/{ruleId}/:disable
GET /alert-policies/available-sites

alert-policies:r
GET /alert-policies/{policyId}/rules/{ruleId}
GET /alert-policies/{id}
GET /alert-policies
GET /alert-policies/available-sites

alert-subscriptions
GET /alert-subscriptions/webhooks/{id}
PUT /alert-subscriptions/webhooks/{id}
DELETE /alert-subscriptions/webhooks/{id}
GET /alert-subscriptions/servicenow/{id}
PUT /alert-subscriptions/servicenow/{id}
PATCH /alert-subscriptions/servicenow/{id}
GET /alert-subscriptions/emails/{id}
PUT /alert-subscriptions/emails/{id}
DELETE /alert-subscriptions/emails/{id}
GET /alert-subscriptions/webhooks
POST /alert-subscriptions/webhooks
POST /alert-subscriptions/webhooks/:delete
GET /alert-subscriptions/servicenow
POST /alert-subscriptions/servicenow
POST /alert-subscriptions/servicenow/:delete
GET /alert-subscriptions/emails
POST /alert-subscriptions/emails
POST /alert-subscriptions/emails/{id}/:verify
POST /alert-subscriptions/emails/:delete

alert-subscriptions:r
GET /alert-subscriptions/webhooks/{id}
GET /alert-subscriptions/servicenow/{id}
GET /alert-subscriptions/emails/{id}
GET /alert-subscriptions/webhooks
GET /alert-subscriptions/servicenow
GET /alert-subscriptions/emails

app
POST /applications/usage/summary
POST /applications/usage/summary/export
GET /applications
GET /applications/{id}/clients/top{n}
GET /applications/usage/summary/meta-data
GET /applications/top{n}
GET /applications/reports/{id}

application:r

GET /applications
GET /applications/{id}/clients/top{n}
GET /applications/usage/summary/meta-data
GET /applications/top{n}
GET /applications/reports/{id}

l3-address-profile

GET /l3-address-profiles/{id}
PUT /l3-address-profiles/{id}
DELETE /l3-address-profiles/{id}
GET /l3-address-profiles
POST /l3-address-profiles

l3-address-profile:r

GET /l3-address-profiles/{id}
GET /l3-address-profiles

vlan-profile

GET /vlan-profiles
POST /vlan-profiles
POST /vlan-profiles/:delete
GET /vlan-profiles/{id}
DELETE /vlan-profiles/{id}
PATCH /vlan-profiles/{id}

vlan-profile:r

GET /vlan-profiles
GET /vlan-profiles/{id}

enduser

PUT /endusers/{id}
DELETE /endusers/{id}
GET /endusers
POST /endusers
POST /endusers/{id}/:regenerate-password

enduser:r

GET /endusers

radius-client-object

GET /radius-client-objects/{id}
PUT /radius-client-objects/{id}
DELETE /radius-client-objects/{id}
GET /radius-client-objects

POST /radius-client-objects

radius-client-object:r
GET /radius-client-objects/{id}
GET /radius-client-objects

ldap-server
GET /ldap-servers/{id}
PUT /ldap-servers/{id}
DELETE /ldap-servers/{id}
GET /ldap-servers
POST /ldap-servers

ldap-server:r
GET /ldap-servers/{id}
GET /ldap-servers

email-template
GET /email-templates

email-template:r
GET /email-templates

certificate
POST /certificates/import
GET /certificates
DELETE /certificates/{id}

certificate:r
GET /certificates

radio-profile
GET /radio-profiles/{id}
PUT /radio-profiles/{id}
DELETE /radio-profiles/{id}
GET /radio-profiles/wmm-qos/{id}
PUT /radio-profiles/wmm-qos/{id}
GET /radio-profiles/sensor-scan/{id}
PUT /radio-profiles/sensor-scan/{id}
GET /radio-profiles/radio-usage-opt/{id}
PUT /radio-profiles/radio-usage-opt/{id}
GET /radio-profiles/neighborhood-analysis/{id}
PUT /radio-profiles/neighborhood-analysis/{id}
GET /radio-profiles/miscellaneous/{id}
PUT /radio-profiles/miscellaneous/{id}

GET /radio-profiles/mac-ouis/{id}
PUT /radio-profiles/mac-ouis/{id}
DELETE /radio-profiles/mac-ouis/{id}
GET /radio-profiles/channel-selection/{id}
PUT /radio-profiles/channel-selection/{id}
GET /radio-profiles
POST /radio-profiles
GET /radio-profiles/mac-ouis
POST /radio-profiles/mac-ouis

radio-profile:r
GET /radio-profiles/{id}
GET /radio-profiles/wmm-qos/{id}
GET /radio-profiles/sensor-scan/{id}
GET /radio-profiles/radio-usage-opt/{id}
GET /radio-profiles/neighborhood-analysis/{id}
GET /radio-profiles/miscellaneous/{id}
GET /radio-profiles/mac-ouis/{id}
GET /radio-profiles/channel-selection/{id}
GET /radio-profiles
GET /radio-profiles/mac-ouis

iot-profile
GET /iot-profiles/{id}
PUT /iot-profiles/{id}
DELETE /iot-profiles/{id}
GET /iot-profiles
POST /iot-profiles

iot-profile:r
GET /iot-profiles/{id}
GET /iot-profiles

client-monitor-profile
GET /client-monitor-profiles/{id}
PUT /client-monitor-profiles/{id}
DELETE /client-monitor-profiles/{id}
GET /client-monitor-profiles
POST /client-monitor-profiles

client-monitor-profile:r
GET /client-monitor-profiles/{id}
GET /client-monitor-profiles

copilot-connectivity-wired:r

GET /copilot/connectivity/wired/quality-index
GET /copilot/connectivity/wired/locations/hardware
GET /copilot/connectivity/wired/hardware
GET /copilot/connectivity/wired/experience
GET /copilot/connectivity/wired/events

copilot-connectivity-wireless:r

GET /copilot/connectivity/wireless/views
GET /copilot/connectivity/wireless/time-to-connect
GET /copilot/connectivity/wireless/quality-index
GET /copilot/connectivity/wireless/performance
GET /copilot/connectivity/wireless/locations/time-to-connect
GET /copilot/connectivity/wireless/locations/quality-index
GET /copilot/connectivity/wireless/locations/performance
GET /copilot/connectivity/wireless/locations/events
GET /copilot/connectivity/wireless/experience
GET /copilot/connectivity/wireless/events
GET /copilot/connectivity/wireless/apps

copilot-anomalies:r

GET /copilot/anomalies/wifi-efficiency/stats
GET /copilot/anomalies/wifi-efficiency/client-list
GET /copilot/anomalies/wifi-capacity/stats
GET /copilot/anomalies/wifi-capacity/client-list
GET /copilot/anomalies/report
GET /copilot/anomalies/port-efficiency/stats
GET /copilot/anomalies/port-efficiency/speed-duplex-stats
GET /copilot/anomalies/poeflapping/trends
GET /copilot/anomalies/poeflapping/stats
GET /copilot/anomalies/poeflapping/lldp-cdp-info
GET /copilot/anomalies/notifications
GET /copilot/anomalies/missing-vlan/count
GET /copilot/anomalies/locations
GET /copilot/anomalies/hardware-health/stats
GET /copilot/anomalies/hardware-health/cpu-mem-stats
GET /copilot/anomalies/hardware-health/client-list
GET /copilot/anomalies/excluded-vlans-list
GET /copilot/anomalies/dfs-recurrence/count-stats
GET /copilot/anomalies/dfs-recurrence/channel-stats
GET /copilot/anomalies/devices-with-locations
GET /copilot/anomalies/devices-by-location
GET /copilot/anomalies/anomalies-by-category
GET /copilot/anomalies/adverse-traffic/packet-counts
GET /copilot/anomalies/adverse-traffic/device-stats

licenses

Permission not used

licenses:r

Permission not used

copilot-assurance-scans:r

GET /copilot/assurance-scans/overview

packet-capture

GET /packetcaptures
POST /packetcaptures
DELETE /packetcaptures
POST /packetcaptures/{id}/:upload
POST /packetcaptures/{id}/:stop
GET /packetcaptures/{id}
DELETE /packetcaptures/{id}
GET /packetcaptures/files

packet-capture:r

GET /packetcaptures
GET /packetcaptures/{id}
GET /packetcaptures/files

country

GET /countries
GET /countries/{countryCode}/:validate
GET /countries/{countryAlpha2Code}/states

country:r

GET /countries
GET /countries/{countryCode}/:validate
GET /countries/{countryAlpha2Code}/states

cas

Permission not used

cas:r

Permission not used

cas-policies

Permission not used

cas-policies:r

Permission not used

cas-metadata:r
Permission not used

cns-subscriptions
Permission not used

cns-subscriptions:r
Permission not used

hotspot-profile
GET /hotspot-profiles/{id}
PUT /hotspot-profiles/{id}
DELETE /hotspot-profiles/{id}
GET /hotspot-profiles
POST /hotspot-profiles

hotspot-profile:r
GET /hotspot-profiles/{id}
GET /hotspot-profiles

hotspot-service-provider-profile
GET /hotspot-service-provider-profiles/{id}
PUT /hotspot-service-provider-profiles/{id}
DELETE /hotspot-service-provider-profiles/{id}
GET /hotspot-service-provider-profiles
POST /hotspot-service-provider-profiles

hotspot-service-provider-profile:r
GET /hotspot-service-provider-profiles/{id}
GET /hotspot-service-provider-profiles

afc:relaxed_read
Permission not used

afc-filter-metadata:relaxed_read
POST /afc/filter-metadata

afc-export:relaxed_read
POST /afc/export

afc-reports:relaxed_read
Permission not used