



XIQ API – Permission Requirements and User Roles

Revisions History

Rev	Revision Summary	By Whom	Publish Date
1.0	Initial Draft	Tim	Feb 1, 2023
1.5	23r6 updates	Tim	October 31, 2023
24r2	24r2 updates	Tim	March 22, 2024
24r3	24r3 updates	Tim	May 3, 2024

Table of Contents

Introduction	16
Authentication	17
POST /login	17
POST /logout.....	17
Authorization	17
POST /auth/apitoken	17
POST /auth/apitoken/:validate	17
GET /auth/apitoken/info	18
GET /auth/permissions.....	18
POST /auth/permissions/:check.....	18
GET /operations/{operationId}.....	18
DELETE /operations/{operationId}	19
POST /operations/{operationId}/:cancel.....	19
Account.....	19
POST /account/:switch	19
GET /account/external	19
GET /account/home	20
GET /account/viq	20
POST /account/viq/:backup.....	20
GET /account/viq/default-device-password	21
PUT /account/viq/default-device-password	21
GET /account/viq/download	21
POST /account/viq/export.....	21
GET /account/viq/export-import-status	22
POST /account/viq/import	22
Users.....	22
GET /users.....	22
POST /users.....	22
GET /users/{id}.....	23
DELETE /users/{id}	23
PATCH /users/{id}	23
GET /users/external.....	23
POST /users/external.....	23
GET /users/external/{id}.....	23
DELETE /users/external/{id}	24
PATCH /users/external/{id}	24
GET /users/me	24
HIQ.....	24
GET /hiq/context	24
PUT /hiq/context	25
GET /hiq/context/creating.....	25
PUT /hiq/context/creating	25
GET /hiq/context/reading	26
PUT /hiq/context/reading	26

GET /hiq/organizations.....	26
POST /hiq/organizations.....	27
DELETE /hiq/organizations/{id}	27
POST /hiq/organizations/{id}/:rename	27
GET /hiq/status.....	27
Location	28
POST /locations.....	28
POST /locations/:init.....	28
PUT /locations/{id}	28
DELETE /locations/{id}	28
GET /locations/building	29
POST /locations/building	29
GET /locations/building/{id}	29
PUT /locations/building/{id}	29
DELETE /locations/building/{id}	30
GET /locations/floor	30
POST /locations/floor	30
GET /locations/floor/{id}	30
PUT /locations/floor/{id}	31
DELETE /locations/floor/{id}	31
POST /locations/floorplan	31
GET /locations/site	31
POST /locations/site	31
GET /locations/site/{id}	32
PUT /locations/site/{id}	32
DELETE /locations/site/{id}	32
GET /locations/tree	32
GET /locations/tree/devices.....	33
GET /locations/tree/maps	33
Device	33
GET /devices	33
POST /devices/:cli	34
POST /devices/:delete	34
POST /devices/:manage.....	34
POST /devices/:onboard.....	34
POST /devices/:reboot	35
POST /devices/:unmanage	35
GET /devices/{id}	35
DELETE /devices/{id}	35
POST /devices/{id}/:cli	36
POST /devices/{id}/:manage	36
POST /devices/{id}/:reboot	36
POST /devices/{id}/:reset	36
POST /devices/{id}/:unmanage	37
GET /devices/{id}/alarms.....	37
POST /devices/{id}/bounce-port	37
GET /devices/{id}/client-monitor	37
PUT /devices/{id}/client-monitor	38

DELETE /devices/{id}/client-monitor	38
GET /devices/{id}/config/vlan-attributes	38
POST /devices/{id}/config/vlan-attributes	38
DELETE /devices/{id}/config/vlan-attributes	38
PATCH /devices/{id}/config/vlan-attributes/{vlan_id}	39
GET /devices/{id}/config/vlan-ipv4-intf	39
POST /devices/{id}/config/vlan-ipv4-intf	39
DELETE /devices/{id}/config/vlan-ipv4-intf	39
PATCH /devices/{id}/config/vlan-ipv4-intf/{ipv4IntId}	40
GET /devices/{id}/config/vlan-ipv4-static	40
POST /devices/{id}/config/vlan-ipv4-static	40
DELETE /devices/{id}/config/vlan-ipv4-static	40
PATCH /devices/{id}/config/vlan-ipv4-static/{ipv4StaticRouteId}	40
PUT /devices/{id}/description	41
GET /devices/{id}/ftm-settings	41
POST /devices/{id}/config/ftm-settings	41
DELETE /devices/{id}/config/ftm-settings	41
GET /devices/{id}/gallery-image	42
GET /devices/{id}/history/cpu-mem	42
PUT /devices/{id}/hostname	42
GET /devices/{id}/ibeacon	42
GET /devices/{id}/installation-report	42
GET /devices/{id}/interfaces/wifi	43
GET /devices/{id}/location	43
PUT /devices/{id}/location	43
DELETE /devices/{id}/location	43
POST /devices/{id}/monitor/:refresh	44
GET /devices/{id}/monitor/ipv4-routing	44
GET /devices/{id}/monitor/ipv4-routing-timeline	44
GET /devices/{id}/monitor/refresh/status	44
GET /devices/{id}/monitor/vlan-attr	45
GET /devices/{id}/monitor/vlan-ipv4-intf	45
GET /devices/{id}/network-policy	45
PUT /devices/{id}/network-policy	45
DELETE /devices/{id}/network-policy	46
POST /devices/{id}/ssid/:override	46
GET /devices/{id}/ssid/status	46
POST /devices/{id}/ssid/status/:change	46
POST /devices/{id}/thread/commissioner/:start	46
POST /devices/{id}/thread/commissioner/:stop	47
POST /devices/client-monitor/:assign	47
POST /devices/client-monitor/:revoke	47
POST /devices/client-monitor/:query	47
POST /devices/country-code/:assign	48
GET /devices/{id}/digital-twin	48
PUT /devices/ibeacon	48
POST /devices/location/:assign	48
POST /devices/location/:query	49
POST /devices/location/:revoke	49
POST /devices/network-policy/:assign	49

POST /devices/network-policy/:query	49
POST /devices/network-policy/:revoke	49
GET /devices/network-policy/{policyId}.....	50
POST /devices/os/:change.....	50
GET /devices/radio-information.....	50
PUT /devices/radius-proxy/:assign.....	50
DELETE /devices/radius-proxy/:revoke	51
GET /devices/stats.....	51
Network Policy	51
GET /network-policies	51
POST /network-policies	51
GET /network-policies/{id}	52
PUT /network-policies/{id}	52
DELETE /network-policies/{id}.....	52
GET /network-policies/{id}/ssids	52
POST /network-policies/{id}/ssids/:add	53
POST /network-policies/{id}/ssids/:remove.....	53
Client.....	53
GET /clients/{id}.....	53
GET /clients/active.....	53
PUT /clients/alias	54
GET /clients/active/count.....	54
GET /clients/byMac/{client_mac}	54
DELETE /clients/byMac/{client_mac}	54
GET /clients/summary	55
GET /clients/usage.....	55
Application.....	55
GET /applications	55
GET /applications/{id}/clients/top{n}.....	55
GET /applications/top{n}	56
Alert.....	56
GET /alert-policies	56
POST /alert-policies	56
GET /alert-policies/{id}	57
PUT /alert-policies/{id}	57
DELETE /alert-policies/{id}.....	57
GET /alert-policies/{id}/rules/{alert_rule_id}.....	57
PUT /alert-policies/{id}/rules/{alert_rule_id}	58
POST /alert-policies/{id}/rules/{alert_rule_id}/:disable	58
PUT /alert-policies/{id}/rules/{alert_rule_id}/:enable.....	58
GET /alert-policies/available-sites.....	58
GET /alert-subscriptions/emails	58
POST /alert-subscriptions/emails	59
POST /alert-subscriptions/emails/:delete	59
GET /alert-subscriptions/emails/{id}.....	59
PUT /alert-subscriptions/emails/{id}.....	59
DELETE /alert-subscriptions/emails/{id}	59

POST /alert-subscriptions/emails/{id}/:verify	60
GET /alert-subscriptions/webhooks	60
POST /alert-subscriptions/webhooks	60
POST /alert-subscriptions/webhooks/:delete	60
GET /alert-subscriptions/webhooks /{id}	61
PUT /alert-subscriptions/webhooks /{id}	61
DELETE /alert-subscriptions/webhooks /{id}	61
GET /alerts	61
POST /alerts/:acknowledge	61
GET /alerts/count-by-{group}	62
POST /alerts/report	62
GET /alerts/reports/{id}	62
Log	62
GET /logs/accounting	63
GET /logs/audit	63
POST /logs/audit/reports	63
GET /logs/audit/reports/{id}	63
GET /logs/auth	64
GET /logs/credential	64
GET /logs/email	64
GET /logs/sms	64
Notification	65
GET /subscriptions/webhook	65
POST /subscriptions/webhook	65
DELETE /subscriptions/webhook/{id}	65
Configuration - Deployment	65
POST /deployments	66
GET /deployments/overview	66
GET /deployments/status	66
Configuration - Basic	66
GET /vlan-profiles	67
POST /vlan-profiles	67
POST /vlan-profiles/:delete	67
GET /vlan-profiles/{id}	67
DELETE /vlan-profiles/{id}	67
PATCH /vlan-profiles/{id}	68
Configuration - User Management	68
GET /email-templates	68
GET /endusers	68
POST /endusers	68
PUT /endusers/{id}	69
DELETE /endusers/{id}	69
POST /endusers/{id}/:regenerate-password	69
GET /pcgs/key-based	69
POST /pcgs/key-based	69
DELETE /pcgs/key-based/network-policy-{policyId}	70

POST /pcgs/key-based/network-policy-{policyId}/:onboard	70
POST /pcgs/key-based/network-policy-{policyId}/keys/:email	70
POST /pcgs/key-based/network-policy-{policyId}/keys/:generate	70
GET /pcgs/key-based/network-policy-{policyId}/port-assignments	70
POST /pcgs/key-based/network-policy-{policyId}/port-assignments	71
GET /pcgs/key-based/network-policy-{policyId}/users	71
PUT /pcgs/key-based/network-policy-{policyId}/users	71
POST /pcgs/key-based/network-policy-{policyId}/users	71
DELETE /pcgs/key-based/network-policy-{policyId}/users	71
GET /sms-templates	72
GET /usergroups	72
POST /usergroups	72
PUT /usergroups/{id}	72
DELETE /usergroups/{id}	72
Configuration - Policy	73
GET /ccgs	73
POST /ccgs	73
GET /ccgs/{id}	73
PUT /ccgs/{id}	73
DELETE /ccgs/{id}	74
GET /classification-rules	74
POST /classification-rules	74
GET /classification-rules/{id}	74
PUT /classification-rules/{id}	75
DELETE /classification-rules/{id}	75
GET /client-monitor-profiles	75
POST /client-monitor-profile	75
GET /client-monitor-profile/{id}	75
PUT /client-monitor-profile/{id}	76
DELETE /client-monitor-profile/{id}	76
GET /iot-profiles	76
POST /iot-profiles	76
GET /iot-profiles/{id}	76
PUT /iot-profiles/{id}	77
DELETE /iot-profiles/{id}	77
GET /ip-firewall-policies	77
POST /ip-firewall-policies	77
GET /ip-firewall-policies/{id}	77
PUT /ip-firewall-policies/{id}	77
DELETE /ip-firewall-policies/{id}	78
POST /ip-firewall-policies/{id}/:attach	78
POST /ip-firewall-policies/{id}/:detach	78
GET /l3-address-profiles	78
POST /l3-address-profiles	78
GET /l3-address-profiles/{id}	79
PUT /l3-address-profiles/{id}	79
DELETE /l3-address-profiles/{id}	79
GET /mac-firewall-policies	79
POST /mac-firewall-policies	79

GET /mac-firewall-policies/{id}.....	80
PUT /mac-firewall-policies/{id}	80
DELETE /mac-firewall-policies/{id}	80
POST /mac-firewall-policies/{id}/:attach	80
POST /mac-firewall-policies/{id}/:detach	80
GET /mac-object-profiles.....	80
POST /mac-object-profiles.....	81
GET /mac-object-profiles/{id}.....	81
PUT /mac-object-profiles/{id}	81
DELETE /mac-object-profiles/{id}	81
GET /radio-profiles	81
POST /radio-profiles	81
GET /radio-profiles/{id}	82
PUT /radio-profiles/{id}	82
DELETE /radio-profiles/{id}.....	82
GET /radio-profiles/channel-selection/{channel-selection-id}	82
PUT /radio-profiles/channel-selection/{channel-selection-id}	83
GET /radio-profiles/mac-ouis	83
POST /radio-profiles/mac-ouis	83
GET /radio-profiles/mac-ouis/{mac-oui-id}.....	83
PUT /radio-profiles/mac-ouis/{mac-oui-id}.....	84
DELETE /radio-profiles/mac-ouis/{mac-oui-id}	84
GET /radio-profiles/miscellaneous/{radio-misc-id}.....	84
PUT /radio-profiles/miscellaneous/{radio-misc-id}	84
GET /radio-profiles/neighborhood-analysis/{neigh-analysis-id}.....	84
PUT /radio-profiles/neighborhood-analysis/{neigh-analysis-id}.....	85
GET /radio-profiles/radio-usage-opt/{radio-usage-opt-id}.....	85
PUT /radio-profiles/radio-usage-opt/{radio-usage-opt-id}.....	85
GET /radio-profiles/sensor-scan/{sensor-scan-id}	85
PUT /radio-profiles/sensor-scan/{sensor-scan-id}.....	86
GET /radio-profiles/wmm-qos/{radio-qos-id}	86
PUT /radio-profiles/wmm-qos/{radio-qos-id}.....	86
GET /ssids.....	86
POST /ssids/{id}/:rename	87
POST /ssids/{id}/client-monitor-profile/:attach.....	87
POST /ssids/{id}/cwp/:attach	87
POST /ssids/{id}/cwp/:disable	87
POST /ssids/{id}/cwp/:enable.....	87
PUT /ssids/{id}/mode/dot1x.....	87
PUT /ssids/{id}/mode/open.....	88
PUT /ssids/{id}/mode/ppsk	88
PUT /ssids/{id}/mode/psk	88
PUT /ssids/{id}/mode/wep	88
PUT /ssids/{id}/psk/password	88
POST /ssids/{id}/radius-client-profile.....	89
POST /ssids/{id}/radius-server-group/:attach.....	89
POST /ssids/{id}/user-profile-assignment	89
POST /ssids/{id}/user-profile/:attach	89
GET /ssids/advanced-settings/{id}	89
PUT /ssids/advanced-settings/{id}	90

GET /user-profile-assignments	90
POST /user-profile-assignments	90
GET /user-profile-assignments/{id}	90
DELETE /user-profile-assignments/{id}	90
GET /user-profiles	90
POST /user-profiles	91
GET /user-profiles/{id}	91
PUT /user-profiles/{id}	91
DELETE /user-profiles/{id}	91
POST /user-profiles/{id}/ip-firewall-policies/:attach	92
POST /user-profiles/{id}/ip-firewall-policies/:detach	92
POST /user-profiles/{id}/mac-firewall-policies/:attach	92
POST /user-profiles/{id}/ac-firewall-policies/:detach	92
Configuration - Network	92
GET /network-services	92
POST /network-services	93
DELETE /network-services/{id}	93
GET /tunnel-concentrators	93
POST /tunnel-concentrators	93
GET /tunnel-concentrators/{id}	93
PUT /tunnel-concentrators/{id}	93
DELETE /tunnel-concentrators/{id}	94
Configuration - Authentication	94
GET /ad-servers	94
GET /cwps	94
GET /ldap-servers	94
POST /ldap-servers	95
GET /ldap-servers/{id}	95
PUT /ldap-servers/{id}	95
DELETE /ldap-servers/{id}	95
GET /radius-client-objects	95
POST /radius-client-objects	96
GET /radius-client-objects/{id}	96
PUT /radius-client-objects/{id}	96
DELETE /radius-client-objects/{id}	96
GET /radius-proxies	97
POST /radius-proxies	97
GET /radius-proxies/{id}	97
PUT /radius-proxies/{id}	97
DELETE /radius-proxies/{id}	97
GET /radius-proxies/devices	98
GET /radius-servers/external	98
POST /radius-servers/external	98
GET /radius-servers/external/{id}	98
PUT /radius-servers/external/{id}	99
DELETE /radius-servers/external/{id}	99
GET /radius-servers/internal	99
POST /radius-servers/internal	99

DELETE /radius-servers/internal.....	99
GET /radius-servers/internal/{id}.....	100
PUT /radius-servers/internal/{id}.....	100
DELETE /radius-servers/internal/{id}.....	100
GET /radius-servers/internal/devices.....	100
Configuration - Certificate.....	101
GET /certificates	101
Copilot – Connectivity Experience.....	101
GET /copilot/connectivity/client-type	101
GET /copilot/connectivity/locations.....	101
GET /copilot/connectivity/wired/events.....	101
GET /copilot/connectivity/wired/experience	102
GET /copilot/connectivity/wired/hardware.....	102
GET /copilot/connectivity/wired/locations/hardware	102
GET /copilot/connectivity/wired/quality-index	102
GET /copilot/connectivity/wireless/apps.....	103
GET /copilot/connectivity/wireless/events.....	103
GET /copilot/connectivity/wireless/experience.....	103
GET /copilot/connectivity/wireless/locations/events	103
GET /copilot/connectivity/wireless/locations/performance	104
GET /copilot/connectivity/wireless/locations/quality-index	104
GET /copilot/connectivity/wireless/locations/time-to-connect	104
GET /copilot/connectivity/wireless/performance	104
GET /copilot/connectivity/wireless/quality-index	105
GET /copilot/connectivity/wireless/time-to-connect	105
GET /copilot/connectivity/wireless/views	105
Copilot – Anomalies.....	105
GET /copilot/anomalies/adverse-traffic/device-stats.....	106
GET / copilot/anomalies/adverse-traffic/packet-counts	106
GET /copilot/anomalies/anomalies-by-category	106
GET /copilot/anomalies/device-by-location	106
GET /copilot/anomalies/device-with-locations.....	107
PUT /copilot/anomalies/devices/feedback.....	107
PUT /copilot/anomalies/devices/update-action	107
GET /copilot/anomalies/dfs-recurrence/channel-stats	107
GET /copilot/anomalies/dfs-recurrence/count-stats.....	107
GET /copilot/anomalies/locations.....	108
GET /copilot/anomalies/poeflapping/stats.....	108
GET /copilot/anomalies/notifications	108
GET /copilot/anomalies/port-efficiency/speed-duplex-stats	108
GET /copilot/anomalies/port-efficiency/stats	109
GET /copilot/anomalies/wifi-capacity/client-list	109
GET /copilot/anomalies/wifi-capacity/stats.....	109
GET /copilot/anomalies/report	109
PUT /copilot/anomalies/update-action	110
PUT / copilot/anomalies/update-device-action.....	110
GET /copilot/anomalies/wifi-efficiency/client-list	110
GET /copilot/anomalies/wifi-efficiency/stats	110

GET /copilot/assurance-scans/overview	111
Packet Capture	111
GET /packetcaptures	111
POST /packetcaptures	111
GET /packetcaptures/{id}	111
Delete /packetcaptures/{id}	112
POST /packetcaptures/{id}/:stop	112
POST /packetcaptures/{id}/:upload	112
GET /packetcaptures/files	112
Network Scorecard	113
GET /network-scorecard/clientHealth/{id}	113
GET /network-scorecard/deviceHealth/{id}	113
GET /network-scorecard/networkHealth/{id}	113
GET /network-scorecard/serviceHealth/{id}	113
GET /network-scorecard/wifiHealth/{id}	114
Essentials - ExtremeLocation	114
GET /essentials/eloc/clients/{client-mac}/last-known-location	114
Misc - Metadata – Country	114
GET /countries	114
GET /countries/{id}/:validate	115
Thread.....	115
GET /thread/networks.....	115
GET /thread/routers	115
GET /thread/topology.....	115
APPENDIX – A	116
API call list based on Roles	116
Administrator.....	116
Operator	116
Monitor.....	116
Installer	120
Observer	124
Help Desk.....	128
Application Operator	130
Guest Management.....	130
APPENDIX – B	132
API call list based on Permission.....	132
logout.....	132
auth.....	132
auth:r	132
token:new.....	132
perm:check.....	132
lro.....	132
lro:r	132
account	132

account:switch.....	133
account:r.....	133
viq:backup.....	133
user.....	133
user-me:r.....	134
user:r.....	134
hiq.....	134
hiq:r.....	134
org.....	134
org:new.....	134
org:del.....	135
org:rename.....	135
hiq.ctx.....	135
hiq.ctx:r.....	135
hiq.ctx:w.....	135
device.....	135
device:r.....	137
device:list.....	138
device:view.....	138
device:new.....	138
device:del.....	138
device:cli.....	138
device:deploy.....	138
device:manage.....	138
device:unmanage.....	138
device:reboot.....	139
device:reset.....	139
device:thread-commissioner.....	139
client.....	139
locations:r.....	140
network-policy.....	140
policy:ssid.....	140
network-policy:r.....	141
network-scorecard.....	141
network-scorecard:r.....	141
ssid.....	141
ssid:r.....	142
pcg:key.....	142
pcg:key:r.....	142
subscriptions-webhook.....	142
subscriptions-webhook:r.....	142
ccg.....	142
ccg:r.....	143
log.....	143
cwp.....	143
cwp:r.....	143
sms-tmpl.....	143
sms-tmpl:r.....	143
class-rule.....	144
class-rule:r.....	144

user-profile	144
user-profile:r	144
radius-proxy	144
radius-proxy:r	144
radius-server	145
radius-server:r	145
usergroup	145
usergroup:r	145
deployment	145
deployment:r	145
ad-server	146
ad-server:r	146
alert	146
alert:r	146
alert-policies	146
alert-policies:r	146
alert-subscriptions	147
alert-subscriptions:r	147
app	147
application:r	147
l3-address-profile	147
l3-address-profile:r	148
vlan-profile	148
vlan-profile:r	148
enduser	148
enduser:r	148
radius-client-object	148
radius-client-object:r	148
ldap-server	149
ldap-server:r	149
email-template	149
email-template:r	149
certificate	149
certificate:r	149
radio-profile	149
radio-profile:r	150
iot-profile	150
iot-profile:r	150
client-monitor-profile	150
client-monitor-profile:r	151
copilot-connectivity-wired:r	151
copilot-connectivity-wireless:r	151
copilot-anomalies:r	151
licenses	152
licenses:r	152
copilot-assurance-scans:r	152
packet-capture	152
packet-capture:r	152
country	152
country:r	153

cas	153
cas:r.....	153
cas-policies.....	153
cas-policies:r	153
cas-metadata:r.....	153
cns-subscriptions	153
cns-subscriptions:r.....	153

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"

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",
"Guest Management"

GET /account/external

Permissions:

No Specific permission - included with “*account*” and “*account:r*”

Roles:

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

GET /account/home

Permissions:

No Specific permission - included with “*account*” and “*account:r*”

Roles:

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

GET /account/viq

Permissions:

No Specific permission - included with “*account*” and “*account:r*”

Roles:

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

POST /account/viq/:backup

Permissions:

“**viq:backup**” – Permission to backup the viq.

Also 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",
"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",
"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",
"Guest Management"

POST /account/viq/import

Permissions:

No Specific permission - included with “*account*”

Roles:

"Operator",
"Administrator"

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"

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"

DELETE /users/{id}

Permissions:

No Specific permission - included with “user”

Roles:

"Administrator"

PATCH /users/{id}

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"

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"

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"

GET /users/me

Permissions:

"user-me:r" – Permission to view details on yourself

Roles:

"Operator",
"Administrator",
"Monitor"

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"

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"

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/: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/: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"

GET /devices/{id}/config/vlan-attributes

Permissions:

No Specific permission - included with “*device*” and “*device:r*”

Roles:

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

POST /devices/{id}/config/vlan-attributes

Permissions:

No Specific permission - included with “*device*”

Roles:

"Operator",
"Administrator",
"Installer"

DELETE /devices/{id}/config/vlan-attributes

Permissions:

No Specific permission - included with “*device*”

Roles:

**"Operator",
"Administrator",
"Installer"**

PATCH /devices/{id}/config/vlan-attributes/{vlan_id}

Permissions:

No Specific permission - included with *"device"*

Roles:

**"Operator",
"Administrator",
"Installer"**

GET /devices/{id}/config/vlan-ipv4-intf

Permissions:

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

Roles:

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

POST /devices/{id}/config/vlan-ipv4-intf

Permissions:

No Specific permission - included with *"device"*

Roles:

**"Operator",
"Administrator",
"Installer"**

DELETE /devices/{id}/config/vlan-ipv4-intf

Permissions:

No Specific permission - included with *"device"*

Roles:

**"Operator",
"Administrator",
"Installer"**

PATCH /devices/{id}/config/vlan-ipv4-intf/{ipv4IntId}

Permissions:

No Specific permission - included with “*device*”

Roles:

"Operator",
"Administrator",
"Installer"

GET /devices/{id}/config/vlan-ipv4-static

Permissions:

No Specific permission - included with “*device*” and “*device:r*”

Roles:

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

POST /devices/{id}/config/vlan-ipv4-static

Permissions:

No Specific permission - included with “*device*”

Roles:

"Operator",
"Administrator",
"Installer"

DELETE /devices/{id}/config/vlan-ipv4-static

Permissions:

No Specific permission - included with “*device*”

Roles:

"Operator",
"Administrator",
"Installer"

PATCH /devices/{id}/config/vlan-ipv4-static/{ipv4StaticRouteId}

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}/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}/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"

POST /devices/{id}/monitor/:refresh

Permissions:

No Specific permission - included with *"device"*

Roles:

"Operator",
"Administrator",
"Installer"

GET /devices/{id}/monitor/ipv4-routing

Permissions:

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

Roles:

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

GET /devices/{id}/monitor/ipv4-routing-timeline

Permissions:

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

Roles:

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

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}/monitor/vlan-attr

Permissions:

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

Roles:

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

GET /devices/{id}/monitor/vlan-ipv4-intf

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"

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"

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/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"

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"

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/top{n}

Permissions:

No Specific permission - included with “*app*” and “*application:r*”

Roles:

"Operator",
"Administrator",
"Monitor",
"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/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"

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/{id}

Permissions:

No Specific permission - included with "*subscriptions-webhook*"

Roles:

"Operator",
"Administrator"

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

POST /deployments

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"

PUT /endusers/{id}

Permissions:

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

Roles:

"Operator",

"Administrator"

DELETE /endusers/{id}

Permissions:

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

Roles:

"Operator",

"Administrator"

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

Permissions:

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

Roles:

"Operator",

"Administrator"

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"

POST /usergroups

Permissions:

"usergroup" – Permission for full control of user groups.

Roles:

"Operator",

"Administrator"

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:

NOT SET!

Roles:

NOT SET!

GET /client-monitor-profile/{id}

Permissions:

NOT SET!

Roles:

NOT SET!

PUT /client-monitor-profile/{id}

Permissions:
NOT SET!

Roles:
NOT SET!

DELETE /client-monitor-profile/{id}

Permissions:
NOT SET!

Roles:
NOT SET!

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-profiles

Permissions:
"radio-profile" – Permission for full control of radio profiles
"radio-profile: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-profile: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-profile: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-profile: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-profile: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-profile: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-profile: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-profile: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-profile: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-profile: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:
NOT SET!

Roles:
NOT SET!

POST /tunnel-concentrators

Permissions:
NOT SET!

Roles:
NOT SET!

GET /tunnel-concentrators/{id}

Permissions:
NOT SET!

Roles:
NOT SET!

PUT /tunnel-concentrators/{id}

Permissions:
NOT SET!

Roles:
NOT SET!

DELETE /tunnel-concentrators/{id}

Permissions:
NOT SET!

Roles:
NOT SET!

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"

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 /certificates

Permissions:

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

Roles:

"**Operator**",

"**Administrator**",

"**Monitor**",

"**Installer**",

"**Observer**"

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/locations

Permissions:

"copilot-anomalies:r" – Permission to read copilot anomalies

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/notifications

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",
"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"

[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/{id}/:validate

Permissions:

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

Roles:

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

Thread

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!

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

DELETE /users/external/{id}

PATCH /users/external/{id}

Monitor

POST /logout

POST /auth/apitoken

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/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 /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 /devices
GET /devices/{id}
GET /devices/{id}/alarms
GET /devices/{id}/client-monitor
GET /devices/{id}/config/vlan-attributes
GET /devices/{id}/config/vlan-ipv4-intf
GET /devices/{id}/config/vlan-ipv4-static
GET /devices/{id}/ftm-settings
GET /devices/{id}/gallery-image
GET /devices/{id}/history/cpu-mem
GET /devices/{id}/ibeacon
GET /devices/{id}/installation-report
GET /devices/{id}/interfaces/wifi
GET /devices/{id}/location
GET /devices/{id}/monitor/ipv4-routing
GET /devices/{id}/monitor/ipv4-routing-timeline
GET /devices/{id}/monitor/refresh/status
GET /devices/{id}/monitor/vlan-attr
GET /devices/{id}/monitor/vlan-ipv4-intf
GET /devices/{id}/network-policy
GET /devices/{id}/ssid/status
GET /devices/digital-twin
GET /devices/network-policy/{policyId}
GET /devices/radio-information
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
GET /applications
GET /applications/{id}/clients/top{n}
GET /applications/top{n}

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/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/reports/{id}
GET /logs/auth
GET /logs/credential
GET /logs/email
GET /logs/sms
GET /subscriptions/webhook
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 /ccgs
GET /ccgs/{id}
GET /classification-rules
GET /classification-rules/{id}
GET /client-monitor-profiles
GET /client-monitor-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 /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/locations
GET /copilot/anomalies/notifications
GET /copilot/anomalies/poeflapping/stats
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/{countryCode}/:validate

Installer

POST /logout
POST /auth/apitoken
POST /auth/permissions/:check
GET /operations/{operationId}
POST /account/:switch
GET /account/external
GET /account/home
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
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 /devices
POST /devices/:advanced-onboard
POST /devices/:cli
POST /devices/:delete
POST /devices/:manage
POST /devices/:onboard
POST /devices/:reboot
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
GET /devices/{id}/config/vlan-attributes
POST /devices/{id}/config/vlan-attributes
DELETE /devices/{id}/config/vlan-attributes
PATCH /devices/{id}/config/vlan-attributes/{vlanId}
GET /devices/{id}/config/vlan-ipv4-intf
POST /devices/{id}/config/vlan-ipv4-intf
DELETE /devices/{id}/config/vlan-ipv4-intf
PATCH /devices/{id}/config/vlan-ipv4-intf/{ipv4InterfaceId}
GET /devices/{id}/config/vlan-ipv4-static
POST /devices/{id}/config/vlan-ipv4-static
DELETE /devices/{id}/config/vlan-ipv4-static
PATCH /devices/{id}/config/vlan-ipv4-static/{ipv4StaticRouteId}
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}/history/cpu-mem
PUT /devices/{id}/hostname
GET /devices/{id}/ibeacon
GET /devices/{id}/installation-report
GET /devices/{id}/interfaces/wifi
GET /devices/{id}/location
PUT /devices/{id}/location
DELETE /devices/{id}/location
POST /devices/{id}/monitor/:refresh
GET /devices/{id}/monitor/ipv4-routing
GET /devices/{id}/monitor/ipv4-routing-timeline
GET /devices/{id}/monitor/refresh/status
GET /devices/{id}/monitor/vlan-attr
GET /devices/{id}/monitor/vlan-ipv4-intf
GET /devices/{id}/network-policy
PUT /devices/{id}/network-policy
DELETE /devices/{id}/network-policy
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
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/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
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/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/reports/{id}
GET /logs/auth
GET /logs/credential
GET /logs/email
GET /logs/sms
GET /deployments/overview
GET /deployments/status

GET /client-monitor-profiles
GET /client-monitor-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 /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/{countryCode}/:validate

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/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 /devices
GET /devices/{id}
GET /devices/{id}/alarms
GET /devices/{id}/client-monitor
GET /devices/{id}/config/vlan-attributes
GET /devices/{id}/config/vlan-ipv4-intf
GET /devices/{id}/config/vlan-ipv4-static
GET /devices/{id}/ftm-settings
GET /devices/{id}/gallery-image
GET /devices/{id}/history/cpu-mem
GET /devices/{id}/ibeacon
GET /devices/{id}/installation-report
GET /devices/{id}/interfaces/wifi
GET /devices/{id}/location
GET /devices/{id}/monitor/ipv4-routing
GET /devices/{id}/monitor/ipv4-routing-timeline
GET /devices/{id}/monitor/refresh/status
GET /devices/{id}/monitor/vlan-attr
GET /devices/{id}/monitor/vlan-ipv4-intf
GET /devices/{id}/network-policy
GET /devices/{id}/ssid/status
GET /devices/digital-twin
GET /devices/network-policy/{policyId}

GET /devices/radio-information
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
GET /applications
GET /applications/{id}/clients/top{n}
GET /applications/top{n}
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/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/reports/{id}
GET /logs/auth
GET /logs/credential
GET /logs/email
GET /logs/sms
GET /subscriptions/webhook
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 /ccgs
GET /ccgs/{id}
GET /classification-rules
GET /classification-rules/{id}
GET /client-monitor-profiles
GET /client-monitor-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 /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/locations
GET /copilot/anomalies/notifications
GET /copilot/anomalies/poeflapping/stats
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/{countryCode}/:validate

Help Desk

POST /logout
POST /auth/permissions/:check
GET /operations/{operationId}

POST /account/:switch
GET /account/external
GET /account/home
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 /clients/{id}
GET /clients/active
GET /clients/active/count
GET /clients/byMac/{clientMac}
GET /clients/summary
GET /clients/usage
GET /alerts
GET /alerts/count-by-{group}
GET /alerts/reports/{id}
GET /deployments/overview
GET /deployments/status
GET /endusers
GET /packetcaptures
POST /packetcaptures
GET /packetcaptures/{id}
DELETE /packetcaptures/{id}
POST /packetcaptures/{id}/:stop
POST /packetcaptures/{id}/:upload
GET /packetcaptures/files
GET /countries
GET /countries/{countryCode}/:validate

Application Operator

GET /logs/accounting
GET /logs/audit
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/viq
GET /account/viq/default-device-password
GET /account/viq/download
GET /account/viq/export-import-status
GET /deployments/overview
GET /deployments/status
GET /endusers
GET /usergroups
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/locations
GET /copilot/anomalies/notifications
GET /copilot/anomalies/poe/flapping/stats
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
POST /account/viq/import
POST /account/viq/export
POST /account/viq/:backup
POST /account/:switch
GET /account/viq
GET /account/viq/export-import-status
GET /account/viq/download
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/home
GET /account/external

viq:backup

POST /account/viq/:backup

user

GET /users
POST /users
GET /users/external
POST /users/external
GET /users/{id}
DELETE /users/{id}
PATCH /users/{id}
GET /users/external/{id}
DELETE /users/external/{id}
PATCH /users/external/{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/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](#)

GET /devices/{id}/network-policy

PUT /devices/{id}/network-policy

DELETE /devices/{id}/network-policy

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
GET /devices/{id}/config/vlan-ipv4-static
POST /devices/{id}/config/vlan-ipv4-static
DELETE /devices/{id}/config/vlan-ipv4-static
GET /devices/{id}/config/vlan-ipv4-intf
POST /devices/{id}/config/vlan-ipv4-intf
DELETE /devices/{id}/config/vlan-ipv4-intf
GET /devices/{id}/config/vlan-attributes
POST /devices/{id}/config/vlan-attributes
DELETE /devices/{id}/config/vlan-attributes
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/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:assign
POST /devices/client-monitor:query
POST /devices/:unmanage
POST /devices/:reboot
POST /devices/:onboard
POST /devices/:manage
POST /devices/:delete
POST /devices/:cli
POST /devices/:advanced-onboard

PATCH /devices/{id}/config/vlan-ipv4-static/{ipv4StaticRouteId}
PATCH /devices/{id}/config/vlan-ipv4-intf/{ipv4InterfaceId}
PATCH /devices/{id}/config/vlan-attributes/{vlanId}
GET /devices
GET /devices/{id}
DELETE /devices/{id}
GET /devices/{id}/ssid/status
GET /devices/{id}/monitor/vlan-ipv4-intf
GET /devices/{id}/monitor/vlan-attr
GET /devices/{id}/monitor/refresh/status
GET /devices/{id}/monitor/ipv4-routing
GET /devices/{id}/monitor/ipv4-routing-timeline
GET /devices/{id}/interfaces/wifi
GET /devices/{id}/installation-report
GET /devices/{id}/ibeacon
GET /devices/{id}/history/cpu-mem
GET /devices/{id}/gallery-image
GET /devices/{id}/alarms
GET /devices/stats
GET /devices/radio-information
GET /devices/network-policy/{policyId}
GET /devices/digital-twin
DELETE /devices/radius-proxy/:revoke

device:r

GET /devices/{id}/network-policy
GET /devices/{id}/location
GET /devices/{id}/ftm-settings
GET /devices/{id}/client-monitor
GET /devices/{id}/config/vlan-ipv4-static
GET /devices/{id}/config/vlan-ipv4-intf
GET /devices/{id}/config/vlan-attributes
GET /devices
GET /devices/{id}
GET /devices/{id}/ssid/status
GET /devices/{id}/monitor/vlan-ipv4-intf
GET /devices/{id}/monitor/vlan-attr
GET /devices/{id}/monitor/refresh/status
GET /devices/{id}/monitor/ipv4-routing
GET /devices/{id}/monitor/ipv4-routing-timeline
GET /devices/{id}/interfaces/wifi
GET /devices/{id}/installation-report
GET /devices/{id}/ibeacon

GET /devices/{id}/history/cpu-mem
GET /devices/{id}/gallery-image
GET /devices/{id}/alarms
GET /devices/stats
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: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

client

PUT /clients/alias

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

locations

PUT /locations/{id}

DELETE /locations/{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/site
POST /locations/site
GET /locations/floor
POST /locations/floor
POST /locations/floorplan
GET /locations/building
POST /locations/building
POST /locations/:init
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/site
GET /locations/floor
GET /locations/building
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

GET /subscriptions/webhook

POST /subscriptions/webhook

DELETE /subscriptions/webhook/{id}

subscriptions-webhook:r

GET /subscriptions/webhook

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/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/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

user-profile:r

GET /user-profiles/{id}
GET /user-profiles

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

usergroup:r

GET /usergroups

deployment

POST /deployments
GET /deployments/status
GET /deployments/overview

deployment:r

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/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/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/emails/{id}
GET /alert-subscriptions/webhooks
GET /alert-subscriptions/emails

app

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

application:r

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

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

GET /certificates

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/stats

GET /copilot/anomalies/notifications
GET /copilot/anomalies/locations
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
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

country:r

GET /countries

GET /countries/{countryCode}:/validate

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