

Cisco IQ Link Telemetry Commands

Overview

This document lists the various APIs and commands used by Cisco IQ Link to collect device telemetry. The telemetry is used to determine the latest device configuration and deliver actionable insights for customers.

Cisco Catalyst Center Inventory

The following commands are executed to obtain inventory details from the Cisco Catalyst Center appliances connected to the Cisco IQ Link.

APIs

Name	API
Chassis Details	/api/v1/network-device/{instanceUuid}/chassis
Config Details	/api/v1/network-device/{instanceUuid}/config
Cisco Catalyst Center Serial (nodes.json)	/api/system/v1/maglev/nodes/config
Cisco Catalyst Center Version (version.json)	/api/system/v1/maglev/packages
Fan Details (equipmentFan)	/api/v1/network-device/{instanceUuid}/equipment?type=Fan
Image Details	/api/v1/image/importation
Interface Details	/api/v1/interface/network-device/{instanceUuid}
Module Details (module.json)	/api/v1/network-device/module?deviceId={instanceUuid}
Network details (ne.json)	/api/v1/network-device/{instanceUuid}
Power Supply Details	/api/v1/network-

(equipmentPowerSupply)	device/{instanceUuid}/equipment?type=PowerSupply
SFP (equipmentSFP)	/api/v1/network-device/{instanceUuid}/equipment?type=SFP
Stack Details (stack.json)	/api/v1/network-device/{instanceUuid}/stack
Tag (tags.json)	/dna/intent/api/v1/tag
Tag Members (members.json)	/dna/intent/api/v1/tag/{id}/member?memberType=networkdevice

Commands

Name	Assets
show version	All devices except for Wireless LAN Controller (WLC) with AireOS, Access Points, and sensors
show run-config	WLC with AireOS
show sysinfo	WLC with AireOS
show env all	Catalyst 9200
show interfaces transceiver	Catalyst 9200
show interfaces transceiver supported-list	Catalyst 9200
show interfaces transceiver detail	Catalyst 9200
show module	Catalyst 9200
show platform software ilpower details	Catalyst 9200
show install summary	Catalyst 9200
show logging onboard switch active uptime detail	Catalyst 9200

Name	Assets
show logging onboard switch standby uptime detail	Catalyst 9200
show wlan all	Catalyst 9800
show env all	Catalyst 9300
show interfaces transceiver	Catalyst 9300
show interfaces transceiver supported-list	Catalyst 9300
show interfaces transceiver detail	Catalyst 9300
show power inline	Catalyst 9300
show module	Catalyst 9300
show platform software ilpower details	Catalyst 9300
show install summary	Catalyst 9300
show logging onboard switch active uptime detail	Catalyst 9300
show logging onboard switch standby uptime detail	Catalyst 9300
show env all	Catalyst 9400
show interfaces transceiver	Catalyst 9400
show interfaces transceiver supported-list	Catalyst 9400
show interfaces transceiver detail	Catalyst 9400
show power inline detail	Catalyst 9400


Name	Assets
show module	Catalyst 9400
show platform software ilpower details	Catalyst 9400
show install summary	Catalyst 9400
show logging onboard switch active uptime detail	Catalyst 9400
show logging onboard switch standby uptime detail	Catalyst 9400
show hardware led	Catalyst 9400
show power inline upoe-plus	Catalyst 9400
show env all	Catalyst 9500
show interfaces transceiver	Catalyst 9500
show interfaces transceiver supported-list	Catalyst 9500
show interfaces transceiver detail	Catalyst 9500
show power inline detail	Catalyst 9500
show module	Catalyst 9500
show platform software ilpower details	Catalyst 9500
show install summary	Catalyst 9500
show logging onboard switch active uptime detail	Catalyst 9500
show logging onboard switch standby uptime detail	Catalyst 9500

Name	Assets
show env all	Catalyst 9600
show interfaces transceiver	Catalyst 9600
show interfaces transceiver supported-list	Catalyst 9600
show power inline detail	Catalyst 9600
show module	Catalyst 9600
show install summary	Catalyst 9600
show hardware led	Catalyst 9600
show ap config general	Catalyst 9800
show ap dot11 24ghz cleanair config	Catalyst 9800
show ap dot11 24ghz network	Catalyst 9800
show ap dot11 5ghz channel	Catalyst 9800
show ap dot11 5ghz optimized-roaming	Catalyst 9800
show ap fra	Catalyst 9800
show ap hyperlocation detail	Catalyst 9800
show ap profile all-profiles	Catalyst 9800
show ap rf-profile summary	Catalyst 9800
show license summary	Catalyst 9800
show mdns-sd summary	Catalyst 9800

Name	Assets
show nmsp cloud-services summary	Catalyst 9800
show remote-lan summary	Catalyst 9800
show wireless detail	Catalyst 9800
show wireless multicast	Catalyst 9800
show wireless profile flex all	Catalyst 9800
show wireless profile policy all	Catalyst 9800
show wireless wgb summary	Catalyst 9800
show wireless wps rogue rule summary	Catalyst 9800
show wlan all	Catalyst 9800

Direct Connection

The following is a consolidated list of commands that can be collected for direct connection.

 **Note:** Not all commands are collected for all devices.

Comprehensive List of Commands
admin show configuration failed startup
admin show diag detail
admin show filesystem location all
admin show fpd package

Comprehensive List of Commands

admin show install active

admin show install active detail

admin show install active summary

admin show install committed

admin show install committed detail

admin show install committed summary

admin show inventory all

admin show platform

admin show running-config

netstat -an

show arp

show asp table socket

show buffers

show c7200

show call-home

show card

show card-inventory

show cdp neighbors

Comprehensive List of Commands

show cdp neighbors detail

show chassis

show chassis detail

show chassis eeprom

show chassis inventory expand detail

show cluster

show configuration

show context

show control connections

show control local-properties

show control-plane host open-ports

show crypto session brief

show diag

show dlsw peer

show env power

show environment

show environment all

show fabric-interconnect inventory expand detail

Comprehensive List of Commands

show failover

show fex detail

show gslb-config

show hardware

show idprom all

show idprom all detail | include IDPROM for|CISCO-STACK-MIB|card index|Deviation|SNMP
OID|CLEI|VID|Product Number

show idprom switch all

show interface

show interface stats

show interface switching

show interfaces accounting

show inventory

show ip eigrp neighbors

show ip interface

show ip ospf database

show ip ospf neighbor

show ip route summary

Comprehensive List of Commands

show ip sockets

show ip ssh

show isis database

show isis neighbors

show license feature

show lldp neighbors

show lldp neighbors detail

show mac address-table count

show mac address-table dynamic

show memory statistics

show mode

show module

show platform hardware fed active fwd-asic resource tcam utilization

show platform hardware fed active qos resource usage

show platform hardware fed switch active fwd-asic resource tcam utilization

show platform hardware fed switch active qos resource usage

show platform integrity sign nonce 60759

show platform sudi certificate sign nonce 60759

Comprehensive List of Commands

show policy-map interface

show processes

show processes cpu

show processes cpu history

show pxf cpu stat ip

show redundancy

show rom-monitor

show running-config

show server inventory expand detail

show sessions

show snmp

show spanning-tree

show standby

show sprom all

show sprom fex all

show startup-config

show system integrity all compliance nonce 60759

show system integrity all measurement nonce 60759

Comprehensive List of Commands

show system integrity all trust_chain nonce 60759

show tcp brief all numeric

show test

show udp

show version

show version brief

show vlan

show vstack config

show vtp domain

show vtp status

show zone security

xconfiguration

xstatus

admin show configuration failed startup

admin show diag detail

admin show filesystem location all

admin show fpd package

admin show install active

Comprehensive List of Commands

admin show install active detail

admin show install active summary

admin show install committed

admin show install committed detail

admin show install committed summary

admin show inventory all

admin show platform

admin show running-config

netstat -an

show arp

show asp table socket

show buffers

show c7200

show call-home

show card

show card-inventory

show cdp neighbors

show cdp neighbors detail

Comprehensive List of Commands

show chassis

show chassis detail

show chassis eeprom

show chassis inventory expand detail

show cluster

show configuration

show context

show control connections

show control local-properties

show control-plane host open-ports

show crypto session brief

show diag

show dlsr peer

show env power

show environment

show environment all

show fabric-interconnect inventory expand detail

show failover