



THE POWER OF BUILDING AND
MANAGING NETWORKS

Asset Management



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1 Introduction

This module provides information concerning devices, software, etc. that might be required for updating ERP-system relevant data.

- Locations, network topology, both in tabular and in graphical format, also including status information if requested
- MAC addresses and/or IP addresses
- Asset Management
 - ▶ Technology: routers/switches, terminal devices (manufacturer, model type, features, serial number, etc.)
 - ▶ Inventory numbers with automatic display of location – also in case of swapping between two locations
 - ▶ Assignments (department, branch, cost center, etc.)
- Commercial data (purchasing price and date, service contract duration, depreciation method, warranty etc.)
- Supplier data (equipment and infrastructure)

2 Overview of Inventory

This offers an overview of all devices and their respective modules located across the network.

Overview of Inventory
Quick Help

Overview of Inventory

Client:

- Device

Device Group:

SAT ID:

Device ID:

IP Address:

Device Name:

Device Type:

Device Manufacturer:

Device Category:

Monitoring Group:

Status:

SNMP Version:

Topology Level:

VRF:

VPN Name:

VPN Description:

+ Location

+ Customer

- Inventory

Inventory Type:

Module Description:

Serial-No.:

Inventory No.:

Devices: 2

Client	Device ID	Device Name	Device Type	IP Address	VPN Name		CSV
Eraron-01	1	Referenzdaten_CENTER	LINUX	172.22.51.71		+	
Eraron-01	3	Referenzdaten_SAT02	LINUX	172.22.51.73		+	

Slot	Inventory Type	Item No.	Module Description	Serial-No.	Inventory No.	Ports	HW Rev	SW Rev	FW Rev		CSV
	Chassis									✖	



Schematic View

Cisco 4506
sw-mol 172.20.94.100 Ethernet-Switch (L2)
FX074003GW

1 G11/1 G11/2
1 2

2 1000BaseX (GBIC) Supervisor JAE07341894
G12/1 G12/2 G12/3 G12/4 G12/5
1 2 3 4 5 6

3 1000BaseX (GBIC) with 6 1000 GBIC ports JAE063502MG

5 10/100/1000BaseT (RJ45)V with 48 10/100/1000 baseT voice power ports (Cisco/IEE JRE14200140
G14/1 G14/3 G14/5 G14/7 G14/9 G14/11 G14/13 G14/15 G14/17 G14/19 G14/21 G14/23 G14/25 G14/27 G14/29 G14/31 G14/33 G14/35 G14/37 G14/39 G14/41 G14/43 G14/45 G14/47
1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47
G14/2 G14/4 G14/6 G14/8 G14/10 G14/12 G14/14 G14/16 G14/18 G14/20 G14/22 G14/24 G14/26 G14/28 G14/30 G14/32 G14/34 G14/36 G14/38 G14/40 G14/42 G14/44 G14/46 G14/48
2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48

6 10/100BaseTX (RJ45)V with 48 10/100 baseT voice power ports JAE06390595
Fa5/1 Fa5/3 Fa5/5 Fa5/7 Fa5/9 Fa5/11 Fa5/13 Fa5/15 Fa5/17 Fa5/19 Fa5/21 Fa5/23 Fa5/25 Fa5/27 Fa5/29 Fa5/31 Fa5/33 Fa5/35 Fa5/37 Fa5/39 Fa5/41 Fa5/43 Fa5/45 Fa5/47
1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47
Fa5/2 Fa5/4 Fa5/6 Fa5/8 Fa5/10 Fa5/12 Fa5/14 Fa5/16 Fa5/18 Fa5/20 Fa5/22 Fa5/24 Fa5/26 Fa5/28 Fa5/30 Fa5/32 Fa5/34 Fa5/36 Fa5/38 Fa5/40 Fa5/42 Fa5/44 Fa5/46 Fa5/48
2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48

7 10/100BaseTX (RJ45)V with 48 10/100 baseT voice power ports JAE0701028C
Fa6/1 Fa6/3 Fa6/5 Fa6/7 Fa6/9 Fa6/11 Fa6/13 Fa6/15 Fa6/17 Fa6/19 Fa6/21 Fa6/23 Fa6/25 Fa6/27 Fa6/29 Fa6/31 Fa6/33 Fa6/35 Fa6/37 Fa6/39 Fa6/41 Fa6/43 Fa6/45 Fa6/47
1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47
Fa6/2 Fa6/4 Fa6/6 Fa6/8 Fa6/10 Fa6/12 Fa6/14 Fa6/16 Fa6/18 Fa6/20 Fa6/22 Fa6/24 Fa6/26 Fa6/28 Fa6/30 Fa6/32 Fa6/34 Fa6/36 Fa6/38 Fa6/40 Fa6/42 Fa6/44 Fa6/46 Fa6/48
2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48

Power Supply (AC 1300W)
SNI0803RA4E

FanTray
MHG073901H3

Power Supply (AC 1300W)
SNI0801RA49

Legend
 Submodule
 Admin Down (Port)
 Operational Up (Port)
 Operational DOWN (Port)

3 Inventory Summary

A separate list of all devices registered in the inventory.

Inventory Summary Quick Help

Inventory Summary

Including the following types

Client

Backplane

Chassis

Other

Fan

Module

Power Supply

Software

Submodules

Select all

➔

Inventory Summary Quick Help

Inventory Summary Selection

Type	Type	Number	CSV
Chassis	3660 chassis	4	
Chassis	C1750 Mainboard	2	
Chassis	C2600 Mainboard	1	
Chassis	CISCO7206VXR	22	
Chassis	WS-C4506	2	

←



4 Inventory List

Devices can be selected by location, IP address and device type, etc.

Inventory List
Quick Help

Client: All

- Device

Device Group: - Please select -

SAT ID: All

Device ID:

IP Address:

Device Name:

Device Type: All

Device Manufacturer: All

Device Category: All

Monitoring Group: All

Status: All

SNMP Version: All

Topology Level: All

VRF: -

VPN Name:

VPN Description:

+ Location

+ Customer

- Inventory

Inventory Type: All

Module Description:

Serial-No.:

Inventory No.:

Display Options

Column Selection Select all

<p>Device:</p> <p><input checked="" type="checkbox"/> Device Name</p> <p><input checked="" type="checkbox"/> Device IP</p> <p><input checked="" type="checkbox"/> Device Manufacturer</p> <p><input checked="" type="checkbox"/> Device Type</p> <p><input checked="" type="checkbox"/> Client</p> <p><input checked="" type="checkbox"/> Select all</p>	<p>Inventory:</p> <p><input checked="" type="checkbox"/> Inventory Type</p> <p><input checked="" type="checkbox"/> Name (read out)</p> <p><input checked="" type="checkbox"/> Name (replaced)</p> <p><input checked="" type="checkbox"/> Serial-No.</p> <p><input checked="" type="checkbox"/> Inventory No.</p> <p><input checked="" type="checkbox"/> Select all</p>	<p>Location:</p> <p><input type="checkbox"/> ZIP Code (Location)</p> <p><input type="checkbox"/> City (Location)</p> <p><input type="checkbox"/> Street (Location)</p> <p><input type="checkbox"/> Select all</p>	<p>Disk Space:</p> <p><input type="checkbox"/> cisco feature set</p> <p><input type="checkbox"/> Disk Space (total)</p> <p><input type="checkbox"/> Disk Space (available)</p> <p><input type="checkbox"/> Disk Space (used)</p> <p><input type="checkbox"/> Select all</p>	<p>Further Info:</p> <p><input type="checkbox"/> Slot</p> <p><input type="checkbox"/> Ports</p> <p><input type="checkbox"/> HW Rev</p> <p><input type="checkbox"/> SW Rev</p> <p><input type="checkbox"/> FW Rev</p> <p><input type="checkbox"/> Service Contract</p> <p><input type="checkbox"/> Select all</p>
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The columns for the results table can be selected via the display options menu. The search result may be exported as a CSV file.

Entries Found: 12

Device Name	Device IP	Device Manufacturer	Device Type	Client	Inventory Type	Name (read out)	Name (replaced)	Serial-No.	Inventory No.	CSV
pam-test-device	172.22.52.101	cisco	cisco1750	Eramon-01	Chassis	-	-	-	-	
pam-test-device	172.22.52.101	cisco	cisco1750	Eramon-01	Software	IOS 12.1(5)XM2	IOS 12.1(5)XM2	-	-	
pam-test-device	172.22.52.101	cisco	cisco1750	Eramon-01	Chassis	C1750 Mainboard	C1750 Mainboard	JAD05110189 (500422189)	-	
Referenzdaten_CENTER	172.22.51.71	linux	LINUX	Eramon-01	Chassis	-	-	-	-	
Referenzdaten_SAT02	172.22.51.73	linux	LINUX	Eramon-01	Chassis	-	-	-	-	
Referenzdaten_SAT01	172.22.51.72	linux	LINUX	Eramon-01	Chassis	-	-	-	-	
ShuttlePC-Lab01	172.22.42.2	microsoft	MS Workstation	Eramon-01	Chassis	-	-	-	-	
ShuttlePC-Lab02	172.22.42.3	microsoft	MS Workstation	Eramon-01	Chassis	-	-	-	-	
testdevice-offline	172.22.42.200	-	-	Eramon-01	Chassis	-	-	-	-	
testswitch20	172.22.42.1	cisco	catalyst3524XL	Eramon-01	Chassis	-	-	-	-	
testswitch20	172.22.42.1	cisco	catalyst3524XL	Eramon-01	Software	IOS 12.0(5)WC2	IOS 12.0(5)WC2	-	-	
testswitch20	172.22.42.1	cisco	catalyst3524XL	Eramon-01	Chassis	-	-	FAA0452G0M3	-	

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