



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, including:

- Information regarding locations or network topology, which is displayed both in tabular and in graphical format, and which is complemented with status information
- MAC addresses and/or IP addresses
- Technology: routers/switches, terminals (manufacturer, model type, features, serial number, etc.)
- Allocations: department, branch, cost center, etc.
- Commercial data: prices, service contract duration, purchase dates, warranties, etc.
- Vendor data: equipment and infrastructure
- Historical comparisons of the equipment for components at two particular point in time
- Comprehensive mapping functions to enable the adjustment of data received via SNMP

2 Overview of Inventory

An overview of all devices and their respective modules located across the network.

Overview of Inventory
Quick Help

Overview of Inventory

Client: All

- Device

Device Group: - Please select! -

SAT ID: All

Device ID:

IP Address:

Device Name: Referenz%

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.:

[Reset](#)

Devices: 2

| Client | Device ID | Device Name | Device Type | IP Address | VPN Name | |
|-----------|-----------|----------------------|-------------|--------------|----------|---|
| Eramon-01 | 1 | Referenzdaten_CENTER | LINUX | 172.22.51.71 | | + |
| Eramon-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 | |
|------|----------------|----------|--------------------|------------|---------------|-------|--------|--------|--------|---|
| | Chassis | | | | | | | | | ✖ |



Schemativ view of a device

Schematic View

Legend

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

3 Inventory Summary

A separate list of all devices registered in the asset management.

Inventory Summary

Inventory Summary

Include the following types

| | |
|--|-------------------------------------|
| Backplane | <input checked="" type="checkbox"/> |
| Chassis | <input checked="" type="checkbox"/> |
| Other | <input checked="" type="checkbox"/> |
| Fan | <input checked="" type="checkbox"/> |
| Module | <input checked="" type="checkbox"/> |
| Power Supply | <input checked="" type="checkbox"/> |
| Software | <input checked="" type="checkbox"/> |
| Submodules | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> Select all | |

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Inventory Summary

Inventory Summary Selection

| Category | Type | Number | CSV |
|----------|-----------------|--------|-----|
| Chassis | C1750 Mainboard | 1 | |
| Software | IOS 12.0(5)WC2 | 1 | |
| Software | IOS 12.1(5)XM2 | 1 | |
| Software | OS Version | 3 | |

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4 Inventory List

An extensive range of filter options allows the display and export of the required inventory data.

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

| | | | | |
|--|--|---|---|--|
| Device: <input checked="" type="checkbox"/> Device Name <input checked="" type="checkbox"/> Device IP <input checked="" type="checkbox"/> Device Manufacturer <input checked="" type="checkbox"/> Device Type <input checked="" type="checkbox"/> Client <input checked="" type="checkbox"/> Select all | Inventory: <input checked="" type="checkbox"/> Inventory Type <input checked="" type="checkbox"/> Name (read out) <input checked="" type="checkbox"/> Name (replaced) <input checked="" type="checkbox"/> Serial-No. <input checked="" type="checkbox"/> Inventory No. <input checked="" type="checkbox"/> Select all | Location: <input type="checkbox"/> ZIP Code (Location) <input type="checkbox"/> City (Location) <input type="checkbox"/> Street (Location) <input type="checkbox"/> Select all | Disk Space: <input type="checkbox"/> cisco feature set <input type="checkbox"/> Disk Space (total) <input type="checkbox"/> Disk Space (available) <input type="checkbox"/> Disk Space (used) <input type="checkbox"/> Select all | Further Info: <input type="checkbox"/> Slot <input type="checkbox"/> Ports <input type="checkbox"/> HW Rev <input type="checkbox"/> SW Rev <input type="checkbox"/> FW Rev <input type="checkbox"/> Service Contract <input type="checkbox"/> Select all |
|--|--|---|---|--|

The columns for the results table can be selected via the display options menu.

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 | C 1750 Mainboard | C 1750 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 | - | |



5 Inventory History

The inventory history provides a historical comparison of the equipment used for components at two particular points in time.

This enables you to check for changes in one or more devices.

The different colors clearly mark changes, deletions and/or new entries.

| Device Info | | | | | Inventory 2017-01-01 | | | | Inventory 2017-05-17 | | | | |
|-------------|---------------------------|--------------|-------------|---------------------|---|--|------------------|---------------------|----------------------|---|-----------|------------------|---------------------|
| Device Name | Device IP | Device Type | VPN Name | Slot | Module Description | Category | Serial No. | Date | Slot | Module Description | Category | Serial No. | Date |
| sw-molabc | 172.20.94.100 | Cisco | 4506 | | IOS 12.2(20)EJ | Software | FOX074003GV | 2013-08-31 04:00:25 | | IOS 12.2(20)EJ | Software | FOX074003GV | 2013-08-31 04:00:25 |
| | | | | | Cisco Systems, Inc. WS-C4506 6 slot switch | Chassis | FOX07341094 | 2013-08-31 04:00:25 | | Cisco Systems, Inc. WS-C4506 6 slot switch | Chassis | FOX07341094 | 2013-08-31 04:00:25 |
| | | | | 1 | 1000BaseX (GBIC) Supervisor | Module | JAE07341094 | 2013-08-31 04:00:25 | 1 | 1000BaseX (GBIC) Supervisor | Module | JAE07341094 | 2013-08-31 04:00:25 |
| | | | | 1 | WS-C4506 6 slot switch backplane | Backplane | FOX074003GV | 2013-08-31 04:00:25 | 1 | WS-C4506 6 slot switch backplane | Backplane | FOX074003GV | 2013-08-31 04:00:25 |
| | | | | 1.1 | 1000BaseSX | Submodule | 0405181157497609 | 2013-08-31 04:00:25 | 1.1 | 1000BaseSX | Submodule | 0405181157497609 | 2013-08-31 04:00:25 |
| | | | | 1.2 | 1000BaseSX | Submodule | 0405181157497609 | 2013-08-31 04:00:25 | 1.2 | 1000BaseSX | Submodule | 0405181157497609 | 2013-08-31 04:00:25 |
| | | | | 2 | 1000BaseX (GBIC) with 6 1000 GBIC ports | Module | JAE063502MG | 2013-08-31 04:00:25 | 2 | 1000BaseX (GBIC) with 6 1000 GBIC ports | Module | JAE063502MG | 2013-08-31 04:00:25 |
| | | | | 2.1 | 1000BaseT | Submodule | 0007270329409803 | 2017-01-12 04:02:50 | 2.1 | 1000BaseT | Submodule | 0007270329409803 | 2017-01-12 04:02:50 |
| | | | | 2.2 | 1000BaseSX | Submodule | 0007270329409803 | 2017-01-12 04:02:50 | 2.2 | 1000BaseSX | Submodule | 0007270329409803 | 2017-01-12 04:02:50 |
| | | | | 2.3 | 1000BaseSX | Submodule | 0007270329409803 | 2017-01-12 04:02:50 | 2.3 | 1000BaseSX | Submodule | 0007270329409803 | 2017-01-12 04:02:50 |
| | | | | 2.4 | 1000BaseSX | Submodule | 0007270329409803 | 2017-01-12 04:02:50 | 2.4 | 1000BaseSX | Submodule | 0007270329409803 | 2017-01-12 04:02:50 |
| | | | | 2.6 | 1000BaseSX | Submodule | 0104110251528866 | 2013-08-31 04:00:25 | 2.6 | 1000BaseSX | Submodule | 0104110251528866 | 2013-08-31 04:00:25 |
| | | | | 4 | 10/100/1000BaseT (RJ45) with 48 10/100/1000 baseT voice power ports (CiscoIE) | Module | JAE142904C | 2013-08-31 04:00:25 | 4 | 10/100/1000BaseT (RJ45) with 48 10/100/1000 baseT voice power ports (CiscoIE) | Module | JAE142904C | 2013-08-31 04:00:25 |
| | | | | 5 | 10/100BaseTX (RJ45) with 48 10/100 baseT voice power ports | Module | JAE063905B5 | 2013-08-31 04:00:25 | 5 | 10/100BaseTX (RJ45) with 48 10/100 baseT voice power ports | Module | JAE063905B5 | 2013-08-31 04:00:25 |
| | | | | | 6 | 10/100BaseTX (RJ45) with 48 10/100 baseT voice power ports | Module | JAE071028C | 2017-01-12 04:02:50 | | | | |
| 7 | FanTray | Fan | NW0673901H3 | 2013-08-31 04:00:25 | 7 | FanTray | Fan | NW0673901H3 | 2013-08-31 04:00:25 | | | | |
| 8.1 | Power Supply (AC 1300W) | Power Supply | SN10803AA4E | 2013-08-31 04:00:25 | 8.1 | Power Supply (AC 1300W) | Power Supply | SN10803AA4E | 2013-08-31 04:00:25 | | | | |
| 8.2 | Power Supply (AC 1300W) | Power Supply | SN10801AA49 | 2013-08-31 04:00:25 | 8.2 | Power Supply (AC 1300W) | Power Supply | SN10801AA49 | 2013-08-31 04:00:25 | | | | |



6 Inventory Mapping

Mapping enables an overwriting of the chassis information and/or module names read out via SNMP.

Inventory Mapping

Inventory Mapping
Device Types

Client MAN01 ▼

Reference

Name (read out)

Name (replaced)

Manufacturer cisco

Category Fan ▼

Mapping Target ERAMON ▼

Reset

(Your search resulted in 3 hits.)

| Client | Category | Manufacturer | Reference | Name (read out) | Name (replaced) | Device Name | | CSV |
|--------|----------|--------------|----------------------------|---------------------|----------------------------|----------------|--|-----|
| MAN01 | Fan | cisco | WS-X4596 | FanTray | WS-X4596 | sw-molabc | | |
| MAN01 | Fan | cisco | N5548P-FAN | FanModule-1 | N5548P-FAN | sw-05-core-rdc | | |
| MAN01 | Fan | cisco | Fabric Extender Fan module | Fex-101 FanModule-1 | Fabric Extender Fan module | sw-05-core-rdc | | |

You can also overwrite the device type.

Inventory Mapping

Inventory Mapping
Device Types

Client MAN01 ▼

Name

Manufacturer 3com ▼

Device Category All ▼

Reset

| Client | Text (from) | Text (replaced) | Manufacturer | Device Category | Latest Change | | CSV |
|--------|--------------------------|---------------------------|--------------|----------------------|---------------------|--|-----|
| MAN01 | 3Com Switch 4500 26-Port | 3Com Switch 4500 geändert | 3com | Ethernet-Switch (L2) | 2014-04-10 16:53:54 | | |
| MAN01 | 3Com 3300XM | 3Com 3300XM | 3com | Ethernet-Switch (L2) | 2016-09-20 10:21:48 | | |

Go



7 Service Contracts

You can manage service contracts with vendors, and it is also possible to assign service contracts to individual modules.

Service Contracts
Wartungsvertrag I

Detailed Info

Contract Details

| | |
|------------------|--|
| Service Contract | Wartungsvertrag I |
| Vendor | Leitungsfirma Bauernstr. 11 Gersthofen |
| Contract Number | WW-223344 |
| On-Site Service | Y |
| Response Time | 3h |
| Valid | 2017-05-18 - 3000-12-31 |

Assigned devices

| Device | Type | Serial Number (Scan) | Serial Number (Manually) | Inventory No. | Name | Date of Purchase | Warranty | HW Revision | FW Revision | SW Revision | CSV |
|--------------------------------------|----------|----------------------|--------------------------|---------------|------------|------------------|----------|-------------|-------------|-------------|-----|
| Referenzdaten_CENTER | Software | | | | OS Version | 0000-00-00 | 0 | | | | ✗ |
| Referenzdaten_CENTER | Chassis | | | | | 2014-08-18 | 0 | | | | ✗ |

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