

Add New Device into CACTI Server

← → ↻ Not secure | 103.110.59.150/cacti/host.php

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Console | Graphs | Reporting | Logs

Console | Devices

Logged in as admin

Devices

Site: Any | Data Collector: Any | Template: Any | Location: All | Go | Clear | Export

Search: Enter a search term | Status: Any | Devices: Default

All 2 Devices

Device Description	Hostname	ID	Graphs	Data Sources	Status	In State	Uptime	Poll Time	Current (ms)	Average (ms)	Availability
Local Linux Machine	localhost	1	9	10	Up	N/A	N/A	0.71	0	0	100 %
Mikrotik Router	103.110.59.148	2	29	29	Up	5d:10h:33m	5d:14h:28m	2.05	30.47	57.34	99.87 %

All 2 Devices

Choose an action | Go

Step-01: Select Device Section
Step-03: Click on + Sign for Add New Device

103.110.59.150/cacti/host.php?action=edit

Activate Windows

```
[root@cacti ~]# snmpwalk -v 2c -c public -O e 127.0.0.1
SNMPv2-MIB::sysDescr.0 = STRING: Linux cacti 4.18.0-240.el8.x86_64 #1 SMP Fri Sep 25 19:48:47 UTC 2020 x86_64
SNMPv2-MIB::sysObjectID.0 = OID: NET-SNMP-MIB::netSnmpAgentOIDs.10
DISMAN-EVENT-MIB::sysUpTimeInstance = Timeticks: (48011198) 5 days, 13:21:51.98
SNMPv2-MIB::sysContact.0 = STRING: Root <root@localhost> (configure /etc/snmp/snmp.local.conf)
SNMPv2-MIB::sysName.0 = STRING: cacti
SNMPv2-MIB::sysLocation.0 = STRING: Unknown (edit /etc/snmp/snmpd.conf)
SNMPv2-MIB::sysORLastChange.0 = Timeticks: (0) 0:00:00.00
SNMPv2-MIB::sysORID.1 = OID: SNMP-FRAMEWORK-MIB::snmpFrameworkMIBCompliance
SNMPv2-MIB::sysORID.2 = OID: SNMP-MPD-MIB::snmpMPDCompliance
SNMPv2-MIB::sysORID.3 = OID: SNMP-USER-BASED-SM-MIB::usmMIBCompliance
SNMPv2-MIB::sysORID.4 = OID: SNMPv2-MIB::snmpMIB
SNMPv2-MIB::sysORID.5 = OID: SNMP-VIEW-BASED-ACM-MIB::vacmBasicGroup
SNMPv2-MIB::sysORID.6 = OID: TCP-MIB::tcpMIB
SNMPv2-MIB::sysORID.7 = OID: IP-MIB::ip
SNMPv2-MIB::sysORID.8 = OID: UDP-MIB::udpMIB
SNMPv2-MIB::sysORID.9 = OID: SNMP-NOTIFICATION-MIB::snmpNotifyFullCompliance
SNMPv2-MIB::sysORID.10 = OID: NOTIFICATION-LOG-MIB::notificationLogMIB
SNMPv2-MIB::sysORDescr.1 = STRING: The SNMP Management Architecture MIB.
SNMPv2-MIB::sysORDescr.2 = STRING: The MIB for Message Processing and Dispatching.
SNMPv2-MIB::sysORDescr.3 = STRING: The management information definitions for the SNMP User-based Security Model.
SNMPv2-MIB::sysORDescr.4 = STRING: The MIB module for SNMPv2 entities
SNMPv2-MIB::sysORDescr.5 = STRING: View-based Access Control Model for SNMP.
SNMPv2-MIB::sysORDescr.6 = STRING: The MIB module for managing TCP implementations
SNMPv2-MIB::sysORDescr.7 = STRING: The MIB module for managing IP and ICMP implementations
SNMPv2-MIB::sysORDescr.8 = STRING: The MIB module for managing UDP implementations
SNMPv2-MIB::sysORDescr.9 = STRING: The MIB modules for managing SNMP Notification, plus filtering.
SNMPv2-MIB::sysORDescr.10 = STRING: The MIB module for logging SNMP Notifications.
SNMPv2-MIB::sysORUpTime.1 = Timeticks: (0) 0:00:00.00
SNMPv2-MIB::sysORUpTime.2 = Timeticks: (0) 0:00:00.00
SNMPv2-MIB::sysORUpTime.3 = Timeticks: (0) 0:00:00.00
SNMPv2-MIB::sysORUpTime.4 = Timeticks: (0) 0:00:00.00
SNMPv2-MIB::sysORUpTime.5 = Timeticks: (0) 0:00:00.00
SNMPv2-MIB::sysORUpTime.6 = Timeticks: (0) 0:00:00.00
SNMPv2-MIB::sysORUpTime.7 = Timeticks: (0) 0:00:00.00
SNMPv2-MIB::sysORUpTime.8 = Timeticks: (0) 0:00:00.00
SNMPv2-MIB::sysORUpTime.9 = Timeticks: (0) 0:00:00.00
SNMPv2-MIB::sysORUpTime.10 = Timeticks: (0) 0:00:00.00
HOST-RESOURCES-MIB::hrSystemUptime.0 = Timeticks: (48225411) 5 days, 13:57:34.11
HOST-RESOURCES-MIB::hrSystemUptime.0 = No more variables left in this MIB View (It is past the end of the MIB tree)
```

```
[root@cacti ~]#  
[root@cacti ~]# snmpwalk -v 2c -c public -O e 103.110.59.148  
SNMPv2-MIB::sysDescr.0 = STRING: RouterOS RB450G  
SNMPv2-MIB::sysObjectID.0 = OID: SNMPv2-SMI::enterprises.14988.1  
DISMAN-EVENT-MIB::sysUpTimeInstance = Timeticks: (48487600) 5 days, 14:41:16.00  
SNMPv2-MIB::sysContact.0 = STRING:  
SNMPv2-MIB::sysName.0 = STRING: MikroTik  
SNMPv2-MIB::sysLocation.0 = STRING:  
SNMPv2-MIB::sysServices.0 = INTEGER: 78  
IF-MIB::ifNumber.0 = INTEGER: 5  
IF-MIB::ifIndex.1 = INTEGER: 1  
IF-MIB::ifIndex.2 = INTEGER: 2  
IF-MIB::ifIndex.3 = INTEGER: 3  
IF-MIB::ifIndex.4 = INTEGER: 4  
IF-MIB::ifIndex.5 = INTEGER: 5  
IF-MIB::ifDescr.1 = STRING: WAN  
IF-MIB::ifDescr.2 = STRING: LAN  
IF-MIB::ifDescr.3 = STRING: WLAN  
IF-MIB::ifDescr.4 = STRING: ether4  
IF-MIB::ifDescr.5 = STRING: ether5  
IF-MIB::ifType.1 = INTEGER: 6  
IF-MIB::ifType.2 = INTEGER: 6  
IF-MIB::ifType.3 = INTEGER: 6  
IF-MIB::ifType.4 = INTEGER: 6  
IF-MIB::ifType.5 = INTEGER: 6  
IF-MIB::ifMtu.1 = INTEGER: 1500  
IF-MIB::ifMtu.2 = INTEGER: 1500  
IF-MIB::ifMtu.3 = INTEGER: 1500  
IF-MIB::ifMtu.4 = INTEGER: 1500  
IF-MIB::ifMtu.5 = INTEGER: 1500  
IF-MIB::ifSpeed.1 = Gauge32: 1000000000  
IF-MIB::ifSpeed.2 = Gauge32: 1000000000  
IF-MIB::ifSpeed.3 = Gauge32: 0  
IF-MIB::ifSpeed.4 = Gauge32: 0  
IF-MIB::ifSpeed.5 = Gauge32: 0  
IF-MIB::ifPhysAddress.1 = STRING: cc:2d:e0:13:b4:f9  
IF-MIB::ifPhysAddress.2 = STRING: cc:2d:e0:13:b4:fa  
IF-MIB::ifPhysAddress.3 = STRING: cc:2d:e0:13:b4:fb  
IF-MIB::ifPhysAddress.4 = STRING: cc:2d:e0:13:b4:fc  
IF-MIB::ifPhysAddress.5 = STRING: cc:2d:e0:13:b4:fd  
IF-MIB::ifAdminStatus.1 = INTEGER: 1  
IF-MIB::ifAdminStatus.2 = INTEGER: 1
```

ConsoleGraphsReportingLogs

ConsoleDevices(Edit)Logged in as admin

Main Console

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Troubleshooting

General Device Options

DescriptionMikrotik Router

Hostname103.110.59.148

LocationBangladesh

Poller AssociationMain Poller

Device Site AssociationCore

Device TemplateGeneric SNMP Device

Number of Collection Threads1 Thread (default)

Disable Device

SNMP Options

SNMP VersionVersion 2

SNMP Community Stringpublic

SNMP Port161

SNMP Timeout500

Maximum OIDs Per Get Request10

Availability/Reachability Options

Downed Device DetectionSNMP Uptime

Ping Timeout Value400

Ping Retry Count1

Additional Options

Activate Windows
Go to Settings to activate Windows.

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New Tab | トップページ | インターネットイ... | Shodan | Linux Help Desk (B... | UCEPROTECT® - Net... | mxtoolbox | Login to Link3 MRTG | DNSBL Information | MAC Address and... | Logged In

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Troubleshooting

18) Cacti Stats - Thold Runtime

Is Being Graphed (Edit)

×

19) Cacti Stats - Total Poller Items

Is Being Graphed (Edit)

×

20) Cacti Stats - User Logins

Is Being Graphed (Edit)

×

21) Cacti Stats - User Sessions

Is Being Graphed (Edit)

×

22) Cacti Stats - User Types

Is Being Graphed (Edit)

×

23) Device - Polling Time

Not Being Graphed

×

24) Device - Uptime

Is Being Graphed (Edit)

×

25) SNMP - Generic OID Template

Is Being Graphed (Edit)

×

26) Unix - Ping Latency

Not Being Graphed

×

Add Graph TemplateCisco - CPU UsageAdd

Associated Data Queries

Data Query Name	Re-Index Method		Status	Actions
1) Cacti Stats - Data Collector Stats	None	Uptime	Index Count	Verify All
2) Cacti Stats - Graph Exports	None	Uptime	Index Count	Verify All
3) Cacti Stats - WebSeer Service Checks	None	Uptime	Index Count	Verify All
4) SNMP - Interface Statistics	None	Uptime	Index Count	Verify All

Add Data QueryNet-SNMP - Get Monitored PartitionsRe-Index MethodUptimeAdd

Activate Windows
Go to Settings to activate Windows.

ReturnSave

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Console Graphs Reporting Logs

Console Devices (Edit) Logged in as admin

Mikrotik Router (103.110.59.148)
SNMP Information
System: RouterOS 6.45.96
Uptime: 48525800 (5days, 14hours, 47minutes)
Hostname: Mikrotik
Location:
Contact:

Device [edit: Mikrotik Router]
General Device Options

Description: Mikrotik Router
Hostname: 103.110.59.148
Location: Bangladesh
Poller Association: Main Poller
Device Site Association: Core
Device Template: Generic SNMP Device
Number of Collection Threads: 1 Thread (default)
Disable Device: ☐

SNMP Options
SNMP Version: Version 2
SNMP Community String: public
SNMP Port: 161
SNMP Timeout: 500

Activate Windows
Go to Settings to activate Windows.

Console Graphs Reporting Logs

Console Create New Graphs Logged in as admin

New Graphs for [Mikrotik Router] (103.110.59.148 Generic SNMP Device)

Device: Mikrotik Router Graph Types: SNMP - Interface Statistics Go Clear Save

Search: Enter a search term Rows: Default

Data Query [SNMP - Interface Statistics] All 5 Items

Index	Status	AdminStatus	Description	Name (IF-MIB)	Alias (IF-MIB)	Type	Speed	High Speed	Hardware Address	IP Address	
1	Up	Up	WAN	WAN		ethernetCsmacd	1000000000	1000	cc:2d:e0:13:b4:f9	103.110.59.148	<input type="checkbox"/>
2	Up	Up	LAN	LAN		ethernetCsmacd	1000000000	100	cc:2d:e0:13:b4:fa	10.10.10.1	<input type="checkbox"/>
3	Down	Up	WLAN	WLAN		ethernetCsmacd	0	0	cc:2d:e0:13:b4:fb	172.16.16.1	<input type="checkbox"/>
4	Down	Up	ether4	ether4		ethernetCsmacd	0	0	cc:2d:e0:13:b4:fc		<input type="checkbox"/>
5	Down	Up	ether5	ether5		ethernetCsmacd	0	0	cc:2d:e0:13:b4:fd		<input type="checkbox"/>

Select a Graph Type to Create: Set Default In/Out Bits (64-bit, BW) Cancel Create

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