Add Plugin into the CACTI Server

Plugin- Thold

========================

 # cd /usr/share/cacti/plugins/

#dnf install –y git

 # git clone https://github.com/Cacti/plugin_thold.git

Cloning into 'plugin_thold'...

remote: Enumerating objects: 55, done.

remote: Counting objects: 100% (55/55), done.

remote: Compressing objects: 100% (46/46), done.

remote: Total 5506 (delta 22), reused 28 (delta 9), pack-reused 5451

Receiving objects: 100% (5506/5506), 5.55 MiB | 1.30 MiB/s, done.

Resolving deltas: 100% (4151/4151), done.

#mv plugin_thold thold
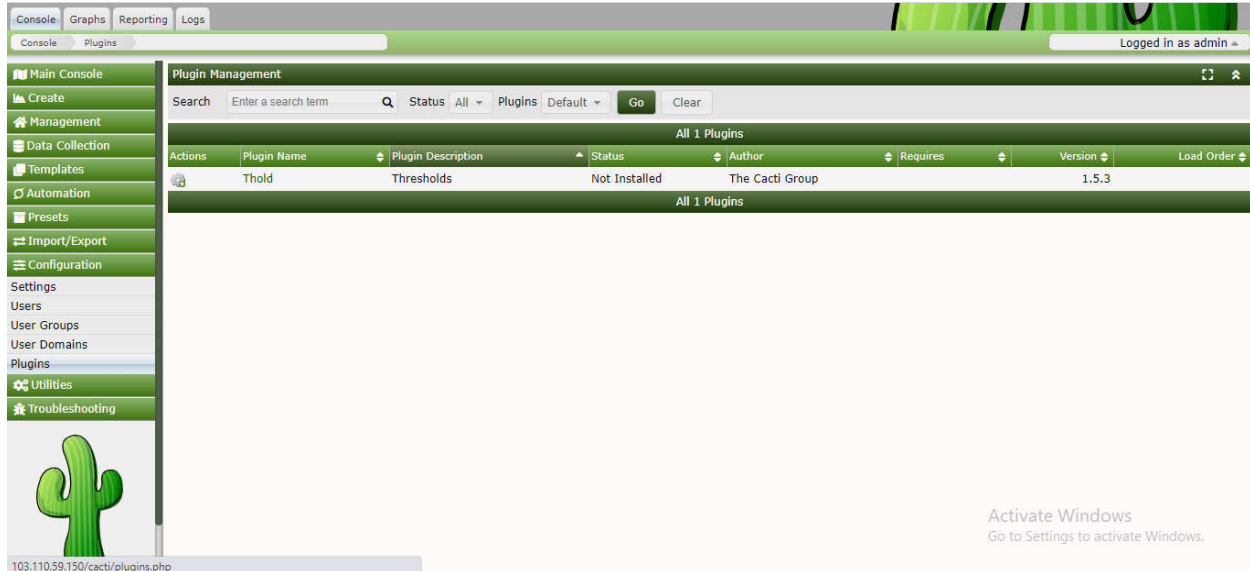
#ls -la

#chown -R apache.apache thold

#ls –la

Check this plugin from the Cacti Web Panel

Plugin- Monitor

==

 # git clone https://github.com/Cacti/plugin_monitor.git

Cloning into 'plugin_monitor'...

remote: Enumerating objects: 451, done.

remote: Counting objects: 100% (451/451), done.

remote: Compressing objects: 100% (260/260), done.

remote: Total 1684 (delta 407), reused 226 (delta 191), pack-reused 1233

Receiving objects: 100% (1684/1684), 4.27 MiB | 1.72 MiB/s, done.

Resolving deltas: 100% (1274/1274), done.

[root@cacti plugins]# mv plugin_monitor monitor

[root@cacti plugins]# ls -la

drwxr-xr-x   8   root   root   monitor
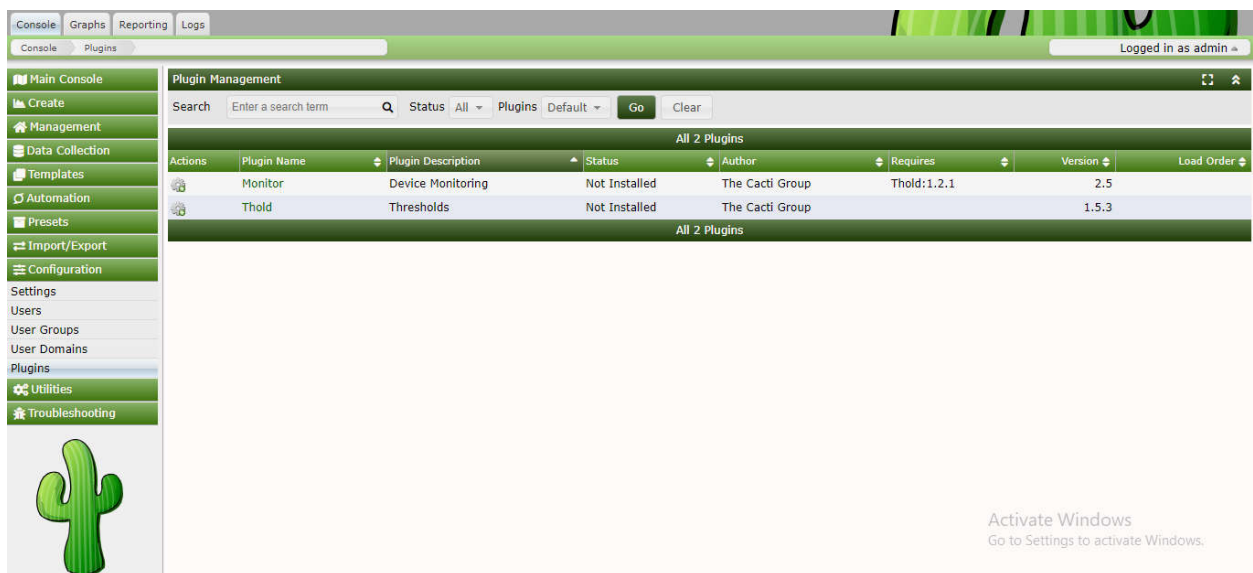
drwxr-xr-x   10   apache   apache   thold

 # chown -R apache.apache monitor

 # ls -la
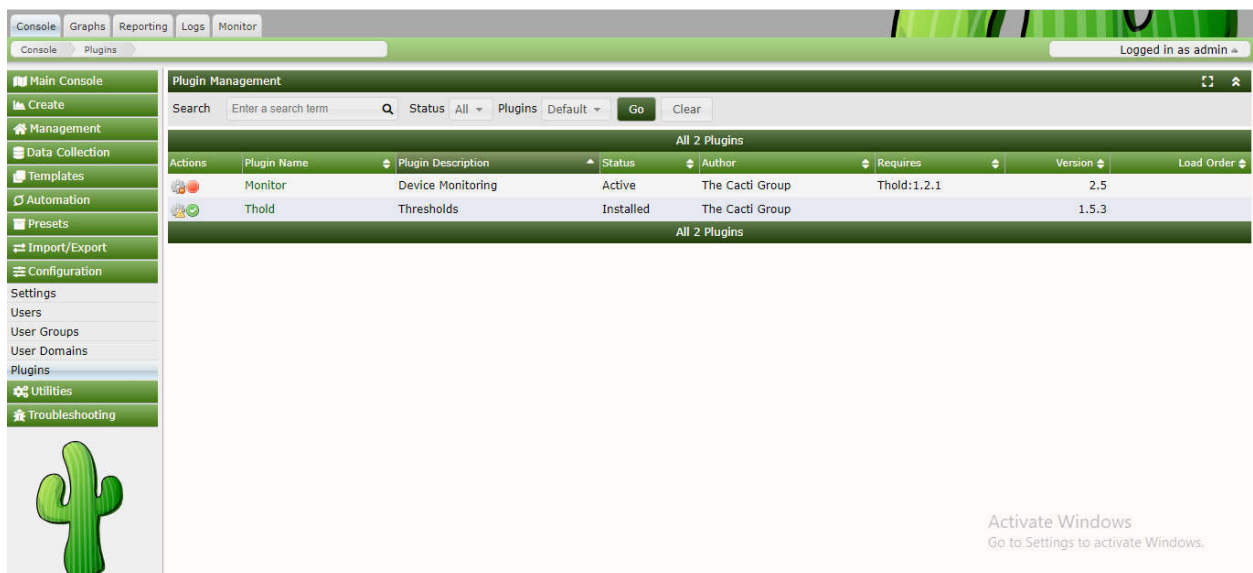
drwxr-xr-x   8   apache apache   monitor

drwxr-xr-x   10   apache apache   thold

Console › Plugins

Logged in as admin ▲

Plugin Management

Search | Enter a search term 🔍 | Status | All ▾ | Plugins | Default ▾ | Go | Clear

All 2 Plugins

Actions	Plugin Name ⬍	Plugin Description ▲	Status ⬍	Author ⬍	Requires ⬍	Version ⬍	Load Order ⬍
	Monitor	Device Monitoring	Active	The Cacti Group	Thold:1.2.1	2.5	
	Thold	Thresholds	Active	The Cacti Group		1.5.3	

All 2 Plugins

Main Console
Create
Management
Data Collection
Templates
Automation
Presets
Import/Export
Configuration
Settings
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User Groups
User Domains
Plugins
Utilities
Troubleshooting

Activate Windows
Go to Settings to activate Windows.

Monitoring

Logged in as admin ▲

Monitor Filter [Last Refresh: 11:18:43 am] [Refresh Again in 3 Seconds]

Layout | Unsaved ▾ | Status | All Monitored ▾ | View | Default ▾ | Grouping | Default ▾ | Refresh | Save | New | Acknowledge

Search | Enter a regular expression 🔍 | Criticality | Disabled ▾ | Size | Medium ▾ | Trim | Full ▾ | Refresh | 5 Seconds ▾

Monitored Devices

Local Linux
Machine

Mikrotik Router

All Monitored Devices, and All Criticalities
Remember to first select eligible Devices to be Monitored from the Devices page!

Activate Windows
Go to Settings to activate Windows.

Plugin- Weathermap

=====================================

#cd /usr/share/cacti/plugins

 # git clone https://github.com/thurban/plugin_weathermap.git

Cloning into 'plugin_weathermap'...

remote: Enumerating objects: 332, done.

remote: Counting objects: 100% (332/332), done.

remote: Compressing objects: 100% (302/302), done.

remote: Total 332 (delta 63), reused 255 (delta 20), pack-reused 0

Receiving objects: 100% (332/332), 2.86 MiB | 1.10 MiB/s, done.

Resolving deltas: 100% (63/63), done.

 # mv plugin_weathermap weathermap

 # chown -R apache.apache weathermap

 # ls -la

drwxr-xr-x	8	apache apache	289 Jan 22 11:10	monitor
drwxr-xr-x	10	apache apache	4096 Jan 22 11:04	thold
drwxr-xr-x	13	apache apache	4096 Jan 22 11:40	weathermap

Plugin Management

Search [Enter a search term] 🔍 Status [All ▾] Plugins [Default ▾] [Go] [Clear]

All 3 Plugins

Actions	Plugin Name	Plugin Description	Status	Author	Requires	Version	Load Order
	Monitor	Device Monitoring	Active	The Cacti Group	Thold:1.2.1	2.5	
	Weathermap	PHP Network Weathermap	Installed	Howard Jones		0.98a	
	Thold	Thresholds	Active	The Cacti Group		1.5.3	

All 3 Plugins

Console | Graphs | Reporting | Logs | Thold | Monitor | Weathermap

Console > Plugins

Logged in as admin

Plugin Management

Search [Enter a search term] 🔍 Status [All ▾] Plugins [Default ▾] [Go] [Clear]

All 3 Plugins

Actions	Plugin Name	Plugin Description	Status	Author	Requires	Version	Load Order
	Monitor	Device Monitoring	Active	The Cacti Group	Thold:1.2.1	2.5	
	Weathermap	PHP Network Weathermap	Installed	Howard Jones		0.98a	
	Thold	Thresholds	Active	The Cacti Group		1.5.3	

All 3 Plugins

Main Console
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Data Collection
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Automation
Presets
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Settings
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User Groups
User Domains
Plugins
Utilities
Troubleshooting

Network Weathermaps   automatically cycle between full-size maps
Click on thumbnails for a full view (or you can automatically cycle between full-size maps)

You Have No Maps
To add a map to the schedule, go to the Manage...Weathermaps page and add one.

Powered by **PHP Weathermap version 0.98a** --- **Weathermap Management | Local Documentation** | Editor

Click Here

Activate Windows
Go to Settings to activate Windows.

103.110.59.150/cacti/plugins/weathermap/weathermap-cacti-plugin-editor.php

---

Welcome

Welcome to the PHP Weathermap 0.98a editor.

NOTE: This editor is not finished! There are many features of Weathermap that you will be missing out on if you choose to use the editor only. These include: curves, node offsets, font definitions, colour changing, per-node/per-link settings and image uploading. You CAN use the editor without damaging these features if you added them by hand, however.

Do you want to:

Create A New Map:

Named: [   ] [Create]

Note: filenames must contain no spaces and end in .conf

OR
Create A New Map as a copy of an existing map:
Named: [   ] based on [simple.conf ▾] [Create Copy]

OR
Open An Existing Map (looking in configs):

simple.conf - Simple Map

PHP Weathermap 0.98a Copyright © 2005-2019 Howard Jones - howie@thingy.com
The current version should always be available here, along with other related software.
PHP Weathermap is licensed under the GNU Public License, version 2. See COPYING for details. This distribution also includes the Overlib library by Erik Bosrup.

Welcome

Welcome to the PHP Weathermap 0.98a editor.

NOTE: This editor is not finished! There are many features of Weathermap that you will be missing out on if you choose to use the editor only.These include: curves, node offsets, font definitions, colour changing, per-node/per-link settings and image uploading. You CAN use the editor without damaging these features if you added them by hand, however.

Do you want to:

Create A New Map:

Named: [nms-workshop.conf] [Create]

Note: filenames must contain no spaces and end in .conf

OR
Create A New Map as a copy of an existing map:
Named: [   ] based on [simple.conf ∨] [Create Copy]

OR
Open An Existing Map (looking in configs):

simple.conf - *Simple Map*

← → C ⚠ Not secure | 103.110.59.150/cacti/plugins/weathermap/weathermap-cacti-plugin-editor.php?mapname=nms-workshop.conf&action=newmap&plug=   ☆ ⬚ ✷ ❂ :

🌐 New Tab Ⅲ トップ | インターネットイ... 🐙 Shodan 🐧 Linux Help Desk (B... ✚ UCEPROTECT®-Net... 🌐 ❌ mxtoolbox 📙 Login to Link3 MRTG ⑫ DNSBL Information ▓ MAC Address and... 🌐 Logged In »

| Return to Cacti | Add Node | Add Link | Position Legend | Position Timestamp | Map Properties | Map Style | Manage Colors | Manage Images | Editor Settings | Position ---, --- | *or click a Node or Link to edit it's properties* |

Created: Jan 22 2021 15:46:26

Created: Jan 22 2021 15:46:26

Click on Add Node

Plugin- Mikrotik

===========================

[root@cacti plugins]# git clone https://github.com/Cacti/plugin_mikrotik.git

Cloning into 'plugin_mikrotik'...

remote: Enumerating objects: 14, done.

remote: Counting objects: 100% (14/14), done.

remote: Compressing objects: 100% (11/11), done.

remote: Total 1498 (delta 3), reused 10 (delta 3), pack-reused 1484

Receiving objects: 100% (1498/1498), 1.70 MiB | 1.01 MiB/s, done.

Resolving deltas: 100% (1104/1104), done.

[root@cacti plugins]# ls

index.php monitor plugin_mikrotik thold weathermap

[root@cacti plugins]# mv plugin_mikrotik mikrotik

[root@cacti plugins]# ls -la

drwxr-xr-x 8 root   root   332 Jan 22 16:16 mikrotik

drwxr-xr-x 8 apache apache 289 Jan 22 11:10 monitor

drwxr-xr-x 10 apache apache 4096 Jan 22 11:04 thold

drwxr-xr-x 13 apache apache 4096 Jan 22 11:40 weathermap

[root@cacti plugins]# chown -R apache.apache mikrotik

[root@cacti plugins]#

Console ⟩ Plugins

Logged in as admin ⌄

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Troubleshooting

Plugin Management

Search | Enter a search term | Status All | Plugins 30 | Go | Clear

			All 4 Plugins				
Actions	Plugin Name	Plugin Description	Status	Author	Requires	Version	Load Order
	Monitor	Device Monitoring	Active	The Cacti Group	Thold:1.2.1	2.5	
	Mikrotik	MikroTik Switch Tool	Active	The Cacti Group		2.6	
	Weathermap	PHP Network Weathermap	Active	Howard Jones		0.98a	
	Thold	Thresholds	Active	The Cacti Group		1.5.3	
			All 4 Plugins				

MikroTik ⟩ Devices

Logged in as admin ⌄

Devices | Interfaces | Graphs

Device Filter (Latest MikroTik Version is: 6.48, Released: 2020-12-22 17:20:49)

Search | Enter a search term | Status All | Devices 30 | Go | Clear

				All 1 Devices									
Actions	Name	Description	Status	FW Ver	Lic Ver	Uptime(d:h:m)	Trees	Users	CPU	CPUs	Processes	Total Mem	Used Mem	Total Disk	Used Disk
	Mikrotik Router	RouterOS RB450G	Up	* 3.41	* 6.40rc35	5d 20h 24m	-	-	0	1	78	256 M	11.13 %	512 M	4.06 %
					All 1 Devices									

Devices | Interfaces | Graphs

Interface Stats ⛶ ⌃

Search | Enter a search term 🔍 | Device | Mikrotik Router ⌄ | Interfaces | 30 ⌄ | ☑ Active ☐ Since Reset | Go | Clear

All 2 Interfaces

Actions	Hostname ⇕	Name ▲	Rx Bytes ⇕	Tx Bytes ⇕	Rx Packets ⇕	Tx Packets ⇕	Rx Errors ⇕	Tx Errors ⇕	Last Seen ⇕
📈	Mikrotik Router	LAN	0	6	0	0	0	0	2021-01-22 16:25:24
📈	Mikrotik Router	WAN	1.97 K	159	28	1	0	0	2021-01-22 16:25:24

All 2 Interfaces

| General | Paths | Device Defaults | Poller | Data | Visual | Authentication | Performance | Spikes | Mail/Reporting/DNS | Alerting/Thold | Monitor | MikroTik |

Cacti Settings (Poller)

General ⌃

- 📶 Main Console
- 📈 Create
- 🏠 Management
- 📦 Data Collection
- 📑 Templates
- 🔄 Automation
- 📋 Presets
- ⇄ Import/Export
- ⇶ Configuration
  - Settings
  - Users
  - User Groups
  - User Domains
  - Plugins
- ⚙ Utilities
- 🛠 Troubleshooting

Data Collection Enabled ❓	⬤
SNMP Agent Support Enabled ❓	⬤
Poller Type ❓	cmd.php ⌄
Poller Sync Interval ❓	Every 2 Hours ⌄
Poller Interval ❓	Every Minute ⌄
Cron/Daemon Interval ❓	Every Minute ⌄
Balance Process Load ❓	⬤
Debug Output Width ❓	⬤
Disable increasing OID Check ❓	⬤
Remote Agent Timeout ❓	5 Seconds ⌄
SNMP Bulkwalk Fetch Size ❓	10 ⌄
Disable Resource Cache Replication ❓	⬤

Background Timeout Settings ⌃

Report Generation Timeout ❓	5 Minutes ⌄
Data Source Statistics Timeout ❓	5 Minutes ⌄
Background Commands Timeout ❓	5 Minutes ⌄
Maintenance Background Generation Timeout ❓	5 Minutes ⌄