

Centreon Plugin Packs Documentation

Release 18.10.0

CENTREON

December 07, 2018

The Plugins Packs are a set of templates developed by Centreon. They offer a simplified and optimized way to monitor your IT infrastructure. These templates have been preconfigured to make deployment fast and efficient.

Note: The templates require the use of Centreon Plugins, which are monitoring probes. Only the Centreon Plugins linked to the default Plugin Packs have been pre-installed on your Centreon servers. Since any additional Plugins and Plugin Packs must be installed manually, follow the deployment procedure by clicking on the "?" Icon.

This documentation explains how to use Centreon Plugin Packs.

Plugin Packs Manager

The screenshot displays the 'Plugin Packs Manager' interface. At the top, there are search and filter options: a 'Keyword' input field, a 'Category' dropdown menu, a 'Status' dropdown menu, and a 'Recently updated' checkbox. A 'Search' button and a 'Filters' link are also present. The main area contains a grid of 32 plugin packs, each represented by a card with a logo, name, and status. The status is either 'Stable' with a green checkmark or a question mark. The packs are arranged in four rows and eight columns.

Keyword	Category	Status	Recently updated	Search	Filters		
base-generic	IBM Storwize	Linux NRPE	Linux SNMP	MS SQL Server	MySQL DB	pfSense	PostgreSQL DB
Sun MgmtCard	VMware vCenter	Windows NRPE 0.5	Windows SNMP	AIX SNMP	Centreon	Centreon DB	HP 3PAR 7000
HTTP Server	LDAP Server	Qnap	Sun SFoxK	UPS Standard	Windows NRPE	3com Network	A10 AX
AKCP Sensor	APC ATS	APC PDU	APC UPS	Acme Packet	Active Directory API	Aerohive	Alcatel OXE

Contents:

Prerequisites

1.1 License

Regardless of Centreon IMP or Centreon EPP mode, a license is required to manage Plugin Packs. If you use Centreon IMP in connected mode, your license will be directly downloaded to your server. Otherwise, contact the [Centreon support team](#).

1.1.1 Access to Plugin Packs

The Plugin Packs are available through:

- a dedicated RPM repository if you have a [Centreon EMS](#) solution or [Centreon EPP](#)
- a web solution dedicated to the [Centreon IMP](#) subscription

Centreon Instant Monitoring Platform (IMP) freely shares a limited list of packs to provide a monitoring template set, which you can use in production and for testing.

1.1.2 General requirements

For Centreon Enterprise Monitoring Server (EMS) and Centreon Enterprise Plugin Packs (EPP) subscriptions, you need permission to access the Centreon Plugin Packs repository. This repository will be communicated to you once your subscription starts. For Centreon IMP you simply need an Internet connection: you can subscribe in less than 5 minutes using your credit card.

Here are the software dependencies needed to use Plugins Packs:

Type	Version(s)
Operating system	RHEL or CentOS 7
Centreon	18.10
Centreon Plugin Pack Manager	18.10

1.1.3 Centreon Plugin Pack Manager

The **Centreon Plugin Pack Manager** module, included natively in Centreon 3.4, can install, update or remove the Plugin Packs. We recommend that you keep this module regularly updated.

To update **Centreon Plugin Pack Manager** run the following command:

```
# yum update centreon-pp-manager
```

The centreon-pp-manager module is installed by default along with the Centreon software and should not be installed manually.

Release notes

2.1 Version 18.10

Change version number according to new [Centreon Lifecycle Products Policy](#)

2.2 Version 2.4.0

2.2.1 Enhancements

- Discovery rules can now be managed from the Plugin Packs configuration.

2.3 Version 2.3.0

2.3.1 Enhancements

- The legend presentation has been improved.
- The deployment procedure icon has been changed.

2.4 Version 2.2.0

2.4.1 Enhancements

- A legend has been added to the module.
- During Plugin Pack installation, the non-managed objects in the pack are clearly indicated.
- Plugin Packs can now allow a new service template to be linked to a host template in the Centreon configuration.

2.5 Version 2.1.0

2.5.1 Enhancements

- An internet proxy (requiring Centreon web version $\geq 2.8.2$) can be used.

2.5.2 Bug fixes

- Minor bug fix

2.6 Version 2.0.0

2.6.1 Enhancements

- New Plugin Pack format
- New user interface (UI) for managing Plugin Packs
- Icon added in the Plugin Pack catalog
- Description of each Plugin Pack
- Compatibility with Centreon IMP
- Dependencies between Plugin Packs are managed during the installation, update or removal process
- New monitoring procedure display

Warning: Custom macros for host templates will be reinitialized to the Plugin Pack default value. Please make sure to define your own macros in a template copied from a Plugin Pack host template.

2.7 Version 1.4.1

2.7.1 Enhancements

- An individual Plugin Pack can now be removed.

2.8 Version 1.4.0

2.8.1 Enhancements

- Pagination in the Plugin list has been added.
- Graphical representation of the Plugin list has been improved.

Warning: Make sure to upgrade the module in the Centreon extension screen after updating the RPM. This will add new columns to the database.

2.9 Version 1.3.0

The management of pack status has been added. Each pack is listed showing its status along with an optional status message. This status, which appears in the pack descriptor (XML) file, will be displayed as “UNKNOWN” until the new packs are installed.

Warning: Make sure to upgrade the module in the Centreon extension screen after updating the RPM. This will add new columns to the database.

2.10 Versions 1.2.x

The only changes to these versions are bug fixes.

Overview

The **Centreon Plugin Packs** are a set of **standardized templates** that are **preconfigured** for rapid deployment of monitoring in your IT infrastructure.

These templates (commands, hosts and services templates) are attached to the **monitoring plugins**, which can either be:

- existing community plugins selected and validated by Centreon as being fully functional and optimized, or
- plugins written by Centreon that are distributed as free software under RPM or available on [Centreon Plugins project](#)

The added value of **Plugin Packs** is the **pre-configuration** of monitoring in the Centreon software. During installation, **the Packs import pre-configured objects** into the Centreon software such as **commands, host templates and service templates**.

After you install the Plugin Packs, the next step is to install the monitoring plugins used by the Plugin Pack commands. Refer to the documentation in the pack in case any features have to be configured or activated, and then create the required hosts and services based on these models.

3.1 Inside a Plugin Pack

A Plugin Pack contains:

- a description of the pack contents and the indicators that can be monitored.
- Centreon preset objects (commands, host templates, service templates) packaged and validated.
- documentation for a simple and quick deployment. It is available once the pack is installed.

3.2 Connectors

The Centreon Plugin Packs subscription gives you access to specific connectors:

Connector	Description
JMX	Centreon Plugin based on Jolokai to monitor an application server through JMX
NRPE	NRPE server, packaged by Centreon, with patches required to comply with Plugins Packs
NSClient++	NSClient++, packaged by Centreon, ready to use with embedded Centreon Plugins
VMWare	Perl daemon using VMware SDK to monitor VMware platforms
AS400*	Java-based connector allowing you to execute checks on an AS400

Note: *Only available for Centreon EMS/Centreon EPP

Note: For JMX monitoring, the previous Java connector has been deprecated and replaced by a Centreon Plugin based on Jolokai technology. The source code is available as with other Centreon Plugins.

For VMWare monitoring, the previous ESXD connector was available until version 1.5 but has now been deprecated and replaced by Centreon VMWare 2.x. The change of name and version is due to major technical refactoring, and there is no direct upgrade from version 1.5 to 2.0.

Please refer to the [associated documentation](#) in each project for more information.

Installation

The Centreon Plugin Packs can be installed:

- from a YUM repository if you have a [Centreon EMS](#) or [Centreon EPP](#) license.
- if you have an online subscription to [Centreon IMP](#).

4.1 Centreon EMS/Centreon EPP

If you are a Centreon EMS or a Centreon EPP customer, the repository is already installed on your Centreon platform.

Follow these two steps to install and deploy a Plugin Pack:

- Install the `centreon-pack-*` Plugin Pack for template configuration.
- Install the `centreon-plugin-*` plugins from the Centreon standard repository on each polling device (or “poller”).

4.1.1 List available Plugin Packs

To list the available Plugin Packs on your server, run the following command:

```
$ yum search centreon-pack
```

4.1.2 Plugin Pack installation

To install the Plugin Pack, run the following command on the **Centreon central server**:

```
$ yum install centreon-pack-$PLUGIN-PACK$
```

Where `$PLUGIN-PACK$` is the name displayed by your YUM search.

4.1.3 Plugin installation

Next, install the required plugins as indicated above.

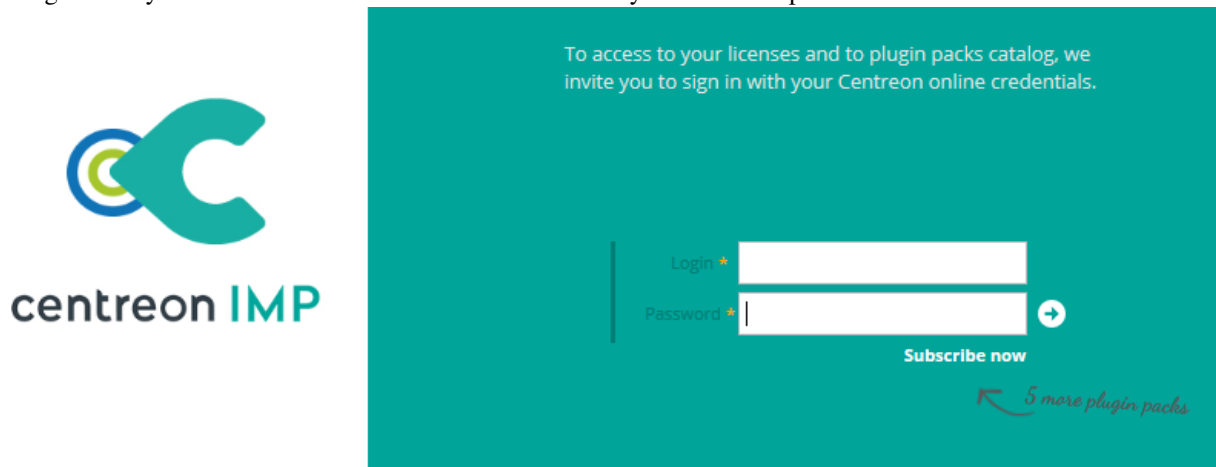
Run the following command on **each Centreon poller** that will run the plugins:

```
$ yum install centreon-plugin-$PLUGIN-PACK$
```

Where `$PLUGIN-PACK$` is the name displayed by your YUM search.

4.2 Centreon IMP

You can also obtain the Centreon Plugin Packs through a Centreon IMP online subscription. You must first authenticate your Centreon platform on the Centreon IMP platform. Go to the **Administration > Extension > subscription** menu and log in with your Centreon IMP username to authenticate your Centreon platform.



You now have access to the Plugin Packs catalog:

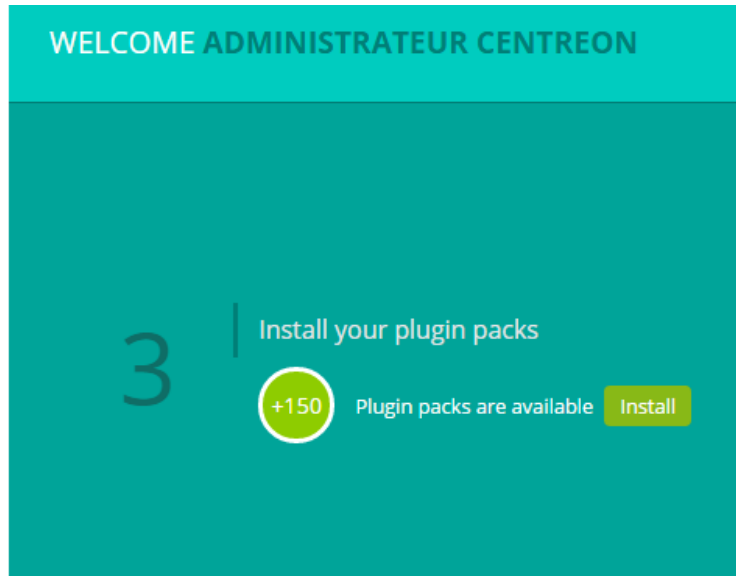
Plugin Packs Manager

Keyword Category Status Recently updated Filters

Stable base-generic	Stable IBM Storwize	Stable Linux NRPE	Stable Linux SNMP	Stable MS SQL Server	Stable MySQL DB	Stable pfSense	Stable PostgreSQL DB
Stable Sun MgmtCard	Stable VMware vCenter	Stable Windows NRPE 0.5	Stable Windows SNMP	Stable AIX SNMP	Stable Centreon	Stable Centreon DB	Stable HP 3PAR 7000
Stable HTTP Server	Stable LDAP Server	Stable Qnap	Stable Sun SFOxK	Stable UPS Standard	Stable Windows NRPE	Stable 3com Network	Stable A10 AX
Stable AKCP Sensor	Stable APC ATS	Stable APC PDU	Stable APC UPS	Stable Acme Packet	Stable Active Directory API	Stable Aerohive	Stable Alcatel OXE

Note: If this is your first visit and you have not subscribed to Centreon IMP, click on [Subscribe Now](#) and get 5 extra plugins for a free trial. You must log in to your Centreon platform on the Centreon IMP platform.

Click on **install** to access the catalog:

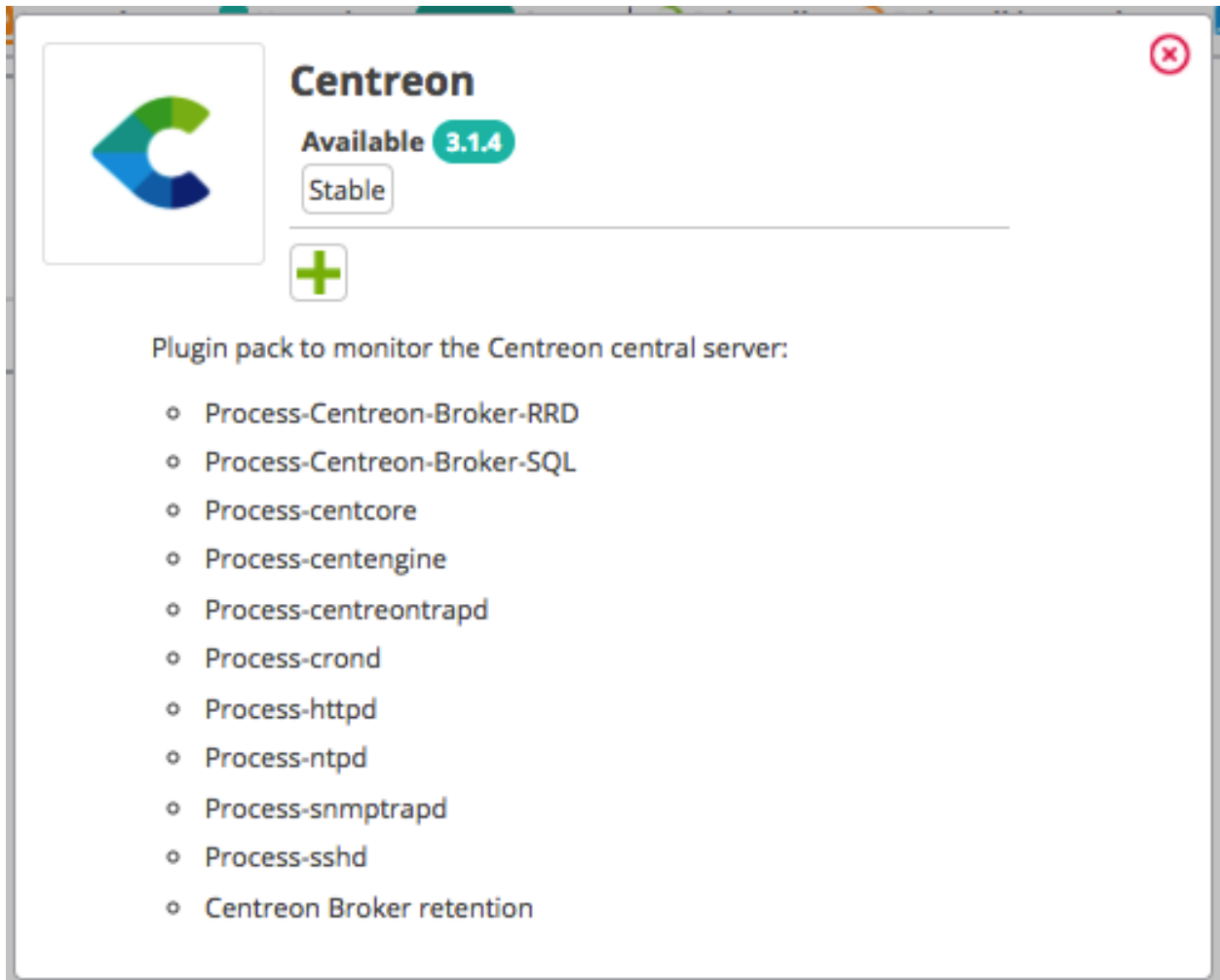


4.2.1 Pack installation

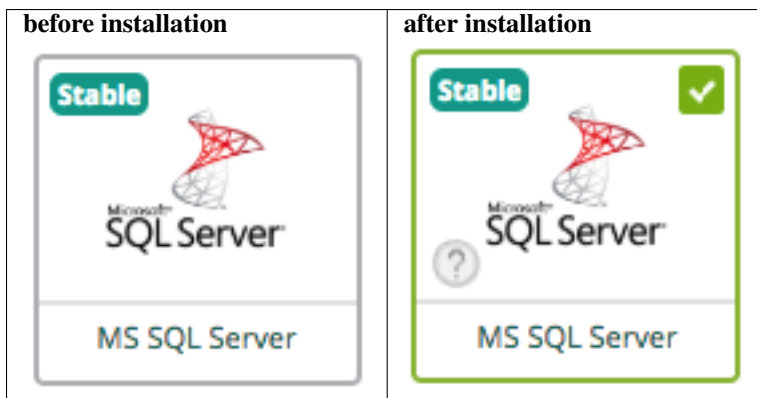
To install a Plugin Pack, hover over the icon with the mouse and click on the +



You can also click on the Plugin Pack to display more details and click on the +



Once the Plugin Pack is installed, a green outline and an arrow icon will indicate successful installation.



4.2.2 Plugin installation

Next, install the required plugins as indicated in the steps above.

Run the following command for **each Centreon poller** that will execute the plugins:

```
$ yum install centreon-plugin-$PLUGIN-PACK$
```

Where `$PLUGIN-PACK$` is the name displayed by your YUM search.

Plugin Pack management

Plugin Packs are managed through the web interface using the Centreon **Configuration > Plugin Packs** menu:

Note: By default, the installed Plugin Packs are visible at top of the list. The Plugin Packs are sorted by the following criteria: Available Update, Installed, Not Installed

Plugin Packs Manager

The screenshot displays the 'Plugin Packs Manager' interface. At the top, there are search and filter options: a 'Keyword' search box, a 'Category' dropdown, a 'Status' dropdown, and a 'Recently updated' checkbox. A 'Search' button and 'Filters' link are also present. The main area contains a grid of 32 plugin packs, each represented by a card with a logo, a 'Stable' status indicator, and a name. The packs are arranged in four rows and eight columns. A vertical 'Legend' bar is on the right side of the grid.

Keyword	Category	Status	Recently updated
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

Logo	Status	Name
	Stable	base-generic
	Stable	IBM Storwize
	Stable	Linux NRPE
	Stable	Linux SNMP
	Stable	MS SQL Server
	Stable	MySQL DB
	Stable	pfSense
	Stable	PostgreSQL DB
	Stable	Sun MgmtCard
	Stable	VMware vCenter
	Stable	Windows NRPE 0.5
	Stable	Windows SNMP
	Stable	AIX SNMP
	Stable	Centreon
	Stable	Centreon DB
	Stable	HP 3PAR 7000
	Stable	HTTP Server
	Stable	LDAP Server
	Stable	Qnap
	Stable	Sun SFoxK
	Stable	UPS Standard
	Stable	Windows NRPE
	Stable	3com Network
	Stable	A10 AX
	Stable	AKCP Sensor
	Stable	APC ATS
	Stable	APC PDU
	Stable	APC UPS
	Stable	Acme Packet
	Stable	Active Directory API
	Stable	Aerohive
	Stable	Alcatel-Lucent OXE

Each Plugin Pack displays the following information:

- Pack name
- Pack version
- Pack status (usually Stable but can also show other values when the pack is being tested or has been deprecated)
- Description of available indicators
- Available actions in the Plugin Pack: Install, Update, Delete
- Relevant documentation on deployment

Note: To view the description of a Plugin Pack, click on the corresponding icon.

5.1 Plugin Pack content catalog

5.1.1 Centreon EMS/Centreon EPP

The **Centreon Plugin Packs Manager** module allows you to view the catalog after installing the ‘centreon-pack’ RPM packs. We recommend for you to install all the packs on the central Centreon server for access to the full pack catalog.

Note: Remember to update the RPM packs regularly for new features and enhancements.

5.1.2 Centreon IMP

The central Centreon server has internet access allowing the module to connect automatically to the Centreon IMP platform and download the catalog. The full catalog can then be displayed along with the available updates.

The Centreon IMP catalog is divided into three sub-catalogs:

- **Standard** catalog: available with Centreon Web 2.8 installation.
- **Free** catalog: available with the creation of a Centreon IMP “discovery” account, once the Centreon platform is linked online.
- **Full** catalog: available with a paid Centreon IMP online subscription.

Note: Depending on your Centreon IMP profile, certain Plugin Packs are dimmed when not accessible.

5.2 Search filters

There are currently over 150 Plugin Packs in our catalog. New Plugin Packs are added regularly to adapt to IT trends and requirements. Search filters have been provided to help you locate a specific Plugin Pack:

- by keyword for a Plugin Pack name or description.
- by category of IT domains.
- by pack status.
- by timestamp of pack update.

5.3 Plugin Pack status

Four statuses are available:

- **Stable:** indicates that the pack configuration was tested by the Centreon team in a production environment.
- **Experimental:** indicates that the pack configuration was tested by Centreon team internally and the pack can be deployed in a customer production environment.

- **Development:** indicates on-going development, awaiting feedback from customers regarding their platform.
- **Deprecated:** indicates an obsolete pack that should be replaced. Generally, this is due to a protocol change oversight.

Note: Sometimes packs are replaced in the course of their lifecycle. A pack may be labeled as deprecated in the pack list. It is the customer's responsibility to perform regular updates, since a pack may no longer be functional within a few months of being marked depreciated.

5.4 Monitoring deployment procedure

Once you install the pack, an icon appears that allows you to open a new tab in your browser indicating the prerequisites to deploy monitoring.

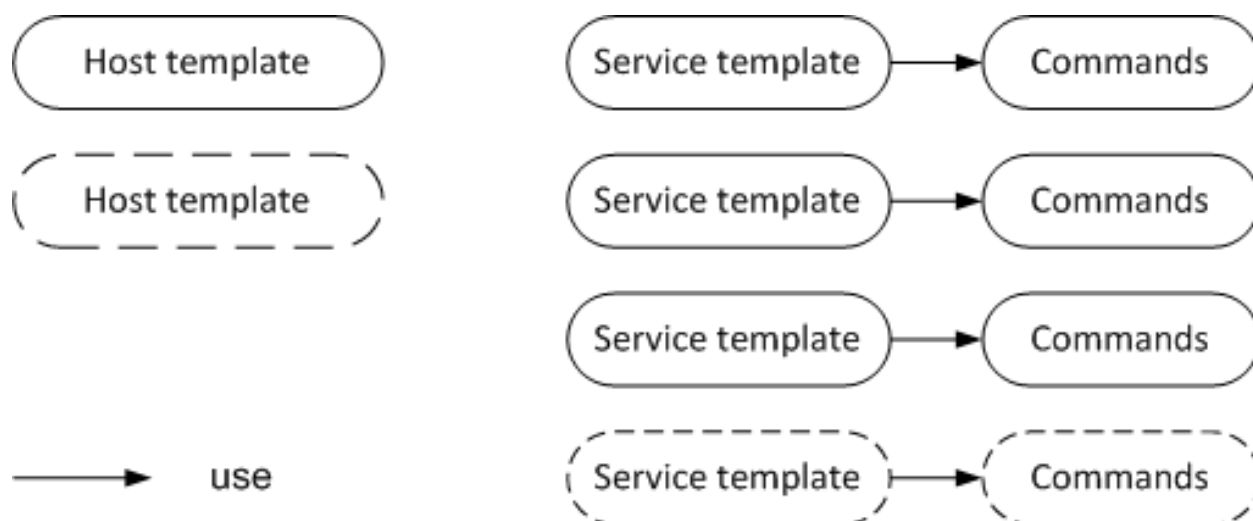
Description of Plugin Pack objects

A Plugin Pack contains a set of objects that enable the Centreon solution to monitor equipment, databases, applications, etc.

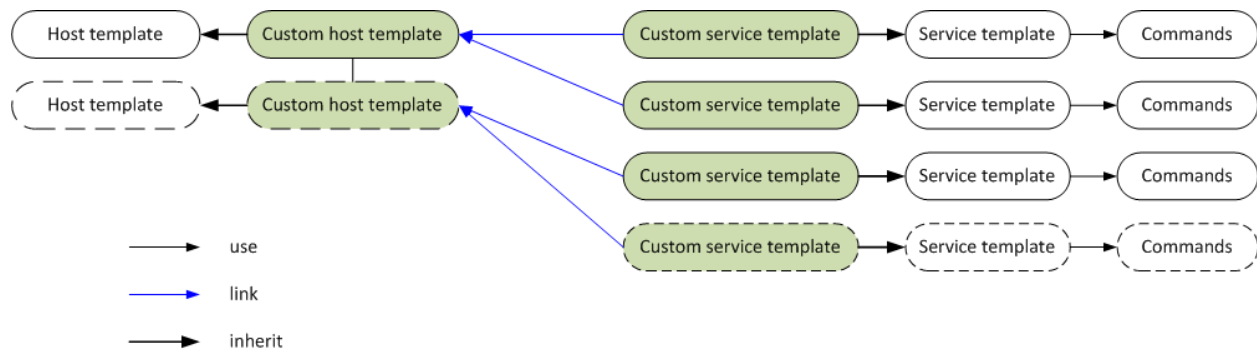
These objects are:

- Commands to execute monitoring plugins from `centreon-plugin*`.
- Preconfigured host templates to quickly deploy monitoring.
- Preconfigured services templates that use commands and define how to execute plugins.

Here is an example of the contents of a Plugin Pack:



During installation of the Plugin Packs, new objects are added to the Centreon configuration in read-only mode. The **Centreon Plugin Packs Manager** module will create additional objects that inherit those in the Plugin Packs:



These additional objects allow you to overwrite preconfigured parameters such as alert thresholds or a user account that connects to a database.

Therefore, when deploying monitoring for a host, you have to select the template suffixed by **-custom** instead of the read-only template in order to overwrite the preconfigured settings.

Moreover, the Centreon mechanism for deploying the indicators based on services templates linked to the host templates you have selected are defined only for the **custom** host(s) and related service templates.

This allows you to modify the list of indicators that will be deployed automatically.

Note: The link between custom templates will not be updated during a Plugin Pack update. Thus, if you add/remove any links, the deployment of a new host will not change after an update. However, if the Plugin Pack adds new objects, any new links will be added automatically, as required.

Centreon Plugin Packs List

Centreon Plugin Packs are organized by catalog:

Centreon platform type	Level access
Centreon platform without account	Free catalog
Centreon platform linked to Centreon account	Trial catalog
Centreon platform linked to Centreon IMP valid subscription	Limited catalog
Centreon platform linked to Centreon EPP valid license	Full catalog

7.1 Applications

7.1.1 Active Directory API (Full catalog)

Template to check Active Directory servers using Rest API protocol (NSClientpp 0.5)

Service name	Description
Infra-ActiveDirectory-Dfsr-Backlog-NSClient05-Restapi	Check dfsr backlog.
Infra-ActiveDirectory-Domain-Controller-NSClient05-Restapi	This check makes to diagnose the domain controller. It executes the command “dcdiag” .

7.1.2 Apache Server (Limited catalog)

Template to check Apache Server using Server Status webpage

Service name	Description
App-Webserver-Apache-Cpload	Check Apache Cpload.
App-Webserver-Apache-Requests	Check request informations.
App-Webserver-Apache-ResponseTime	Check response time of ‘mod_status’ page.
App-Webserver-Apache-SlotStates	Check slot informations.
App-Webserver-Apache-Workers	Check Apache busy processes.

7.1.3 Asterisk VoIP AMI (Full catalog)

Template to check an Asterisk Server through AMI interface.

Service name	Description
App-Voip-Asterisk-AMI-Channel-Usage	Check number of calls and channels.
App-Voip-Asterisk-AMI-Dahdi-Status	Check status of dahdi lines.
App-Voip-Asterisk-AMI-Sip-Peers-Usage	Check SIP peers usage.

7.1.4 Asterisk VoIP SNMP (Limited catalog)

Template to check an Asterisk Server in SNMP.

Service name	Description
App-Voip-Asterisk-Activecalls	Check the number of active calls by SSH connexion
App-Voip-Asterisk-Dahdistatus	Check state of DAHDI physical link by SSH connexion
App-Voip-Asterisk-Externalcalls	Check the number of external calls by SSH connexion
App-Voip-Asterisk-SNMP-Activecalls	Number of active calls
App-Voip-Asterisk-SNMP-Channel-Usage	Check number of calls and channels.
App-Voip-Asterisk-SNMP-Externalcalls	Number of calls on external trunk
App-Voip-Asterisk-Showpeers	Check status of peers by SSH connexion

7.1.5 BlueMind (Limited catalog)

Template to check Bluemind Server

Service name	Description
App-Mail-Bluemind-Incoming-Mails	Check incoming mails.
App-Mail-Bluemind-Process-Core	Check bm-core process.
App-Mail-Bluemind-Process-Cyrus	Check cyrus process.
App-Mail-Bluemind-Process-EAS	Check bm-eas process.
App-Mail-Bluemind-Process-HPS	Check bm-hps process.
App-Mail-Bluemind-Process-IPS	Check bm-ips process.
App-Mail-Bluemind-Process-LMTP	Check bm-lmtpd process.
App-Mail-Bluemind-Process-MQ	Check bm-mq process.
App-Mail-Bluemind-Process-Postfix	Check postfix process.
App-Mail-Bluemind-hprof-file	Check the presence of hprof file.

7.1.6 Github (Full catalog)

App-Github-Repository-Restapi

Template to check Github platform and your repositories

Service name	Description
App-Github-Repository-Commits-Restapi	Display commit activity on a github repository.
App-Github-Repository-Issues-Restapi	Display number of issue on a github project.
App-Github-Repository-Pull-Resquests-Restapi	Display PR activity on a github repository.
App-Github-Repository-Statistics-Restapi	Query and display your github repository statistics (stars, forks, watchers).
App-Github-Status-Restapi	Check status of github website and services.

App-Github-Restapi

Template to check Github platform and your repositories

Service name	Description
App-Github-Repository-Commits-Restapi	Display commit activity on a github repository.
App-Github-Repository-Issues-Restapi	Display number of issue on a github project.
App-Github-Repository-Pull-Resquests-Restapi	Display PR activity on a github repository.
App-Github-Repository-Statistics-Restapi	Query and display your github repository statistics (stars, forks, watchers).
App-Github-Status-Restapi	Check status of github website and services.

7.1.7 Haproxy SNMP (Full catalog)

Template to check Haproxy software using SNMP protocol

Service name	Description
App-Haproxy-SNMP-Backend-Usage	Check backend usage.
App-Haproxy-SNMP-Frontend-Usage	Check frontend usage.

7.1.8 Hibernate (Full catalog)

Template to check Java Hibernate using JMX

Service name	Description
App-Hibernate-Stats-JMX	Check hibernate statistics.

7.1.9 IBM Tivoli Storage M (Full catalog)

Template to check Tivoli Storage Manager using dsmadm client.

Service name	Description
App-IBM-Tsm-Actlog-DSMADMC	Check activity logs.
App-IBM-Tsm-Drives-DSMADMC	Check drives.
App-IBM-Tsm-Nodes-DSMADMC	Check nodes status.
App-IBM-Tsm-Sessions-DSMADMC	Check sessions.
App-IBM-Tsm-Volumes-DSMADMC	Check volumes.

7.1.10 IIS Server API (Full catalog)

Template to check IIS server using Rest API protocol (NSClientpp 0.5)

Service name	Description
App-IIS-ApplicationPools-Auto-NSClient05-Restapi	Check if auto-start application pools are in state "started".
App-IIS-ApplicationPools-Generic-Name-NSClient05-Restapi	Check states of application pools.
App-IIS-Services-NSClient05-Restapi	Check if the W3SVC, IISADMIN and WAS services are running.
App-IIS-WebService-Generic-Name-NSClient05-Restapi	Check performances of an IIS site.
App-IIS-WebServices-Global-NSClient05-Restapi	Check performances of IIS sites.

7.1.11 JBoss Server (Full catalog)

Template to check JBoss Server using JMX

Service name	Description
App-Jboss-Class-Count-JMX	Check Java Class usage.
App-Jboss-Datasource-Usage-JMX	Check datasources usage.
App-Jboss-Memory-Detailed-JMX	Check Java Memory Pools.
App-Jboss-Memory-JMX	Check Java Heap and NonHeap Memory usage.
App-Jboss-Threads-JMX	Check threads.

7.1.12 Jenkins (Limited catalog)

Template to check Jenkins Server

Service name	Description
App-Jenkins-Jobstate-Generic-Name	Check the state of a job in jenkins.

7.1.13 Kaspersky (Full catalog)

Template to check Kaspersky Security Center software using SNMP protocol

Service name	Description
App-Antivirus-Kaspersky-Deployment-SNMP	Check deployment status.
App-Antivirus-Kaspersky-Events-SNMP	Check events status.
App-Antivirus-Kaspersky-Full-Scan-SNMP	Check full scan status.
App-Antivirus-Kaspersky-Logical-Network-SNMP	Check logical network status.
App-Antivirus-Kaspersky-Protection-SNMP	Check protection status.
App-Antivirus-Kaspersky-Updates-SNMP	Check delay since last server update and number of not up to date hosts.

7.1.14 Lync Server (Limited catalog)

Template to check a Lync Server

Service name	Description
App-Lync-2013-AppSharing-Qoe-Mssql	Check Lync App Sharing Qoe Metrics.
App-Lync-2013-Audio-Qoe-Mssql	Check Lync Audio Qoe Metrics.
App-Lync-2013-Poor-Calls-Mssql	Check number of poor calls globally and per user in the last X minutes.
App-Lync-2013-Session-Types-Mssql	Check number of sessions of each types in the last X minutes.
App-Lync-2013-User-Count-Mssql	Check number of users on a Lync frontend.
App-Lync-2013-Video-Qoe-Mssql	Check Lync Video Qoe Metrics.

7.1.15 MS Active Directory (Limited catalog)

Template to check Windows Active Directory Domain Controller using NRPE protocol

Service name	Description
Infra-ActiveDirectory-Dfsr-Backlog-NRPE	Check dfsr backlog.
Infra-ActiveDirectory-Domain-Controller-NRPE	This check makes to diagnose the domain controller. It executes the command “dcdiag” .

7.1.16 MS Biztalk (Limited catalog)

Template to check a Biztalk Server

Service name	Description
App-Biztalk-Received-Locations-Disabled	Check the number of biztalk received locations disabled.

7.1.17 MS Exchange 2K10 (Limited catalog)

Template to check Windows Exchange 2010 using NRPE protocol

Service name	Description
App-Exchange-2010-Activesync-Mailbox-NRPE	Check activesync to a mailbox.
App-Exchange-2010-Databases-NRPE	Check Exchange Databases.
App-Exchange-2010-Imap-Mailbox-NRPE	Check IMAP to a mailbox.
App-Exchange-2010-Mapi-Mailbox-NRPE	Check MAPI to a mailbox.
App-Exchange-2010-Outlook-Webservices-NRPE	Check outlook autodiscovery webservices.
App-Exchange-2010-Owa-Mailbox-NRPE	Check OWA connection to a mailbox.
App-Exchange-2010-Queues-NRPE	Check queue status.
App-Exchange-2010-Replication-Health-NRPE	Check replication health.
App-Exchange-2010-Services-NRPE	Check exchange services.

7.1.18 MS Exchange 2K10 API (Full catalog)

Template to check Exchange 2010 servers using Rest API protocol (NSClientpp 0.5)

Service name	Description
App-Exchange-2010-Activesync-Mailbox-NSClient05-Restapi	Check activesync to a mailbox.
App-Exchange-2010-Databases-NSClient05-Restapi	Check Exchange Databases.
App-Exchange-2010-Imap-Mailbox-NSClient05-Restapi	Check IMAP to a mailbox.
App-Exchange-2010-Mapi-Mailbox-NSClient05-Restapi	Check MAPI to a mailbox.
App-Exchange-2010-Outlook-Webservices-NSClient05-Restapi	Check outlook autodiscovery webservices.
App-Exchange-2010-Owa-Mailbox-NSClient05-Restapi	Check OWA connection to a mailbox.
App-Exchange-2010-Queues-NSClient05-Restapi	Check queue status.
App-Exchange-2010-Replication-Health-NSClient05-Restapi	Check replication health.
App-Exchange-2010-Services-NSClient05-Restapi	Check exchange services.

7.1.19 Microsoft IIS Server (Limited catalog)

Template to check Windows IIS >= 7.x using NRPE protocol

Service name	Description
App-IIS-ApplicationPools-Auto-NRPE	Check if auto-start application pools are in state “started”.
App-IIS-ApplicationPools-Generic-Name-NRPE	Check states of application pools.
App-IIS-Services-NRPE	Check if the W3SVC,IISADMIN and WAS services are running.
App-IIS-WebService-Generic-Name-NRPE	Check performances of an IIS site.
App-IIS-WebServices-Global-NRPE	Check performances of IIS sites.

7.1.20 Netbackup Rest API (Full catalog)

Template to check Netbackup using NSClient restapi protocol

Service name	Description
App-Netbackup-Dedup-Status-NSClient05-Restapi	Check deduplication status.
App-Netbackup-Drive-Cleaning-NSClient05-Restapi	Check drive cleaning.
App-Netbackup-Drive-Status-NSClient05-Restapi	Check drive status.
App-Netbackup-Job-Status-NSClient05-Restapi	Check job status.

7.1.21 Nginx Server (Limited catalog)

Template to check Nginx Server using ‘stub_status_module’ webpage

Service name	Description
App-Webserver-Nginx-Connections	Check current connections.
App-Webserver-Nginx-Requests	Check request informations.
App-Webserver-Nginx-ResponseTime	Check response time of ‘stub_status_module’ page.

7.1.22 PHP APC (Full catalog)

Template to check PHP APC module through the Webpage.

Service name	Description
App-Php-Apc-File-Cache-Web	Check file cache usage.
App-Php-Apc-Memory-Web	Check memory usage.

7.1.23 PHP FPM (Full catalog)

Template to check PHP FPM module through the Webpage.

Service name	Description
App-Php-Fpm-Usage-Web	Check php fpm module usage.

7.1.24 Pacemaker (Full catalog)

Check pacemaker cluster health.

Service name	Description
App-Pacemaker-CRM-SSH	Check cluster state with crm_mon command.
App-Pacemaker-Clustat-SSH	Check cluster state with clustat command.
App-Pacemaker-Constraints-SSH	Check if there is any constraints applied to a cluster resource.

7.1.25 Peoplesoft (Limited catalog)

Template to check PeopleSoft application using JMX

Service name	Description
App-Peoplesoft-Queue-Length-JMX	Check queue length.
App-Peoplesoft-Sessions-JMX	Check current open sessions.

7.1.26 Quadstor (Full catalog)

Template to check Quadstor VTL using NRPE protocol

Service name	Description
App-Quadstor-Vtl-Disk-Usage-NRPE	Check disk usage.
App-Quadstor-Vtl-Job-Status-NRPE	Check job status.
App-Quadstor-Vtl-Tape-Usage-NRPE	Check tape usage.

7.1.27 Redis Cli (Full catalog)

Template to check Redis instance

Service name	Description
App-Redis-Cli-Clients	Check connected and blocked clients.
App-Redis-Cli-Commands	Check processed commands.
App-Redis-Cli-Connections	Check received and rejected connections.
App-Redis-Cli-Cpu	Check CPU usage.
App-Redis-Cli-Memory	Check memory usage.
App-Redis-Cli-Persistence	Check data persistence.
App-Redis-Cli-Replication	Check replication status.

7.1.28 Redis Restapi (Full catalog)

Template to check RedisLabs Enterprise clusters

Service name	Description
App-Redis-Restapi-Cluster-Connections	Check replication status.
App-Redis-Restapi-Cluster-Cpu	Check replication status.
App-Redis-Restapi-Cluster-Flash	Check replication status.
App-Redis-Restapi-Cluster-Memory	Check replication status.
App-Redis-Restapi-Cluster-Storage	Check replication status.
App-Redis-Restapi-Databases-Cpu	Check replication status.
App-Redis-Restapi-Databases-Memory	Check replication status.
App-Redis-Restapi-Databases-Operations	Check replication status.
App-Redis-Restapi-Databases-Status	Check replication status.
App-Redis-Restapi-Nodes-Connections	Check replication status.
App-Redis-Restapi-Nodes-Cpu	Check replication status.
App-Redis-Restapi-Nodes-Flash	Check replication status.
App-Redis-Restapi-Nodes-Memory	Check replication status.
App-Redis-Restapi-Nodes-Status	Check replication status.
App-Redis-Restapi-Nodes-Storage	Check replication status.
App-Redis-Restapi-Shards-Cpu	Check replication status.
App-Redis-Restapi-Shards-Memory	Check replication status.
App-Redis-Restapi-Shards-Operations	Check replication status.
App-Redis-Restapi-Shards-Status	Check replication status.

7.1.29 SAP HANA (Full catalog)

Service name	Description
App-DB-Sap-Hana-Blocked-Transactions	Check total blocked transactions.
App-DB-Sap-Hana-Connected-Users	Check total connected users.
App-DB-Sap-Hana-Connection-Time	Check the connection time to the server.
App-DB-Sap-Hana-Disk-Usage	Check disk usage.
App-DB-Sap-Hana-Host-Cpu	Check host cpu usage.
App-DB-Sap-Hana-Host-Memory	Check host memory usage.
App-DB-Sap-Hana-Sql-Generic	Check using a custom SQL request.
App-DB-Sap-Hana-Volume-Usage	Check volume usage.

7.1.30 Selenium (Limited catalog)

Template to check website through Selenium IDE

Service name	Description
App-Selenium-Scenario-WAA	Check to execute remotely Selenium scenario and measure execution time

7.1.31 Sendmail (Full catalog)

Template to check Sendmail application using SNMP

Service name	Description
App-Sendmail-Mta-Usage-SNMP	Check MTA usage.

7.1.32 Solr (Full catalog)

Template to check Solr application using JMX

Service name	Description
App-Solr-Cache-Usage-JMX	Check cache usage.
App-Solr-Request-Handler-Usage-JMX	Check request handler usage.

7.1.33 Symantec Netbackup (Limited catalog)

Template to check Netbackup using NRPE protocol

Service name	Description
App-Netbackup-Dedup-Status-NRPE	Check deduplication status.
App-Netbackup-Drive-Cleaning-NRPE	Check drive cleaning.
App-Netbackup-Drive-Status-NRPE	Check drive status.
App-Netbackup-Job-Status-NRPE	Check job status.
App-Netbackup-Tape-Usage-NRPE	Check tapes available in library.

7.1.34 Tomcat JMX (Limited catalog)

Template to check Tomcat Server using JMX

Service name	Description
App-Webserver-Tomcat-Class-Count-JMX	Check Java Class usage.
App-Webserver-Tomcat-Connector-Usage-JMX	Check connector usage.
App-Webserver-Tomcat-Cpu-Load-JMX	Check JVM SystemCpuLoad and ProcessCpuLoad.
App-Webserver-Tomcat-Datasource-Usage-JMX	Check datasources usage.
App-Webserver-Tomcat-Fd-Usage-JMX	Check number/percentage of file descriptors.
App-Webserver-Tomcat-Load-Average-JMX	Check system load average.
App-Webserver-Tomcat-Memory-Detailed-JMX	Check Java Memory Pools.
App-Webserver-Tomcat-Memory-JMX	Check Java Heap and NonHeap Memory usage.
App-Webserver-Tomcat-Threads-JMX	Check threads.
App-Webserver-Tomcat-Webapps-Sessions-JMX	Check webapps usage.

7.1.35 Tomcat Webmanager (Limited catalog)

App-Webserver-Tomcat6-Webmanager

Template to check Tomcat 6 Server using Tomcat Webmanager

Service name	Description
App-Webserver-Tomcat-Applications-Global	Check status of tomcat applications.
App-Webserver-Tomcat-Memory	Check Tomcat memory.
App-Webserver-Tomcat-Requestinfo-Global	Check tomcat metrics (request count, error count,...).
App-Webserver-Tomcat-Sessions-Global	Check number of sessions per application.
App-Webserver-Tomcat-Threads-Global	Check threads for each connectors.
App-Webserver-Tomcat-Traffic-Global	Check traffic for each connectors.

App-Webserver-Tomcat7-Webmanager

Template to check Tomcat 7 Server using Tomcat Webmanager

Service name	Description
App-Webserver-Tomcat-Applications-Global	Check status of tomcat applications.
App-Webserver-Tomcat-Memory	Check Tomcat memory.
App-Webserver-Tomcat-Requestinfo-Global	Check tomcat metrics (request count, error count,...).
App-Webserver-Tomcat-Sessions-Global	Check number of sessions per application.
App-Webserver-Tomcat-Threads-Global	Check threads for each connectors.
App-Webserver-Tomcat-Traffic-Global	Check traffic for each connectors.

7.1.36 TrendMicro Iwsva (Limited catalog)

Template to check TrendMicro InterScan Web Security Virtual Appliance using SNMP

Service name	Description
App-Trendmicro-Iwsva-Cpu-SNMP	Check CPU usage.
App-Trendmicro-Iwsva-Disk-Global-SNMP	Check the rate of free space on disks.
App-Trendmicro-Iwsva-Load-SNMP	Check the server load average.
App-Trendmicro-Iwsva-Memory-SNMP	Check the rate of the utilization of memory.
App-Trendmicro-Iwsva-Proxy-Connections-SNMP	Check proxy connections usage.
App-Trendmicro-Iwsva-Swap-SNMP	Check virtual memory usage (SWAP)
App-Trendmicro-Iwsva-Traffic-Global-SNMP	Check the bandwidth of interfaces.

7.1.37 VTOM (Limited catalog)

Template to check VTOM using REST API

Service name	Description
App-Vtom-Job-Status-Restapi	Check job status.

7.1.38 Veeam (Full catalog)

Template to check Veeam using NRPE protocol

Service name	Description
App-Veeam-Job-Status-NRPE	Check job status.

7.1.39 Veeam API (Full catalog)

Template to check Veeam using NSClient restapi protocol

Service name	Description
App-Veeam-Job-Status-NSClient05-Restapi	Check job status.

7.1.40 Weblogic Server (Limited catalog)

Template to check WebLogic Server using JMX

Service name	Description
App-Weblogic-Class-Count-JMX	Check Java Class usage.
App-Weblogic-Memory-Detailed-JMX	Check Java Memory Pools.
App-Weblogic-Memory-JMX	Check Java Heap and NonHeap Memory usage.
App-Weblogic-Threads-JMX	Check threads.
App-Weblogic-Work-Manager-Global-JMX	Check Java 'workManagers'.

7.1.41 ZIXI (Full catalog)

Template to check Zixi Broadcaster role using REST API

Service name	Description
App-Video-Zixi-Broadcaster-Input-Usage-RESTAPI	Check input usage.
App-Video-Zixi-Broadcaster-License-Usage-RESTAPI	Check license usage.
App-Video-Zixi-Broadcaster-Output-Usage-RESTAPI	Check output usage.
App-Video-Zixi-Broadcaster-System-Usage-RESTAPI	Check system usage.

7.1.42 Zookeeper (Full catalog)

Template to check Zookeeper application using JMX

Service name	Description
App-Zookeeper-Stats-JMX	Check statistics.

7.2 Centreon

7.2.1 Centreon (Free catalog)

Template to check Centreon Central Server

Service name	Description
App-Monitoring-Centreon-Broker-Stats-Central	Check Centreon Broker processes statistics.
App-Monitoring-Centreon-Process-broker-rrd	Check Broker RRD process.
App-Monitoring-Centreon-Process-broker-sql	Check Broker SQL process.
App-Monitoring-Centreon-Process-centcore	Check centcore process.
App-Monitoring-Centreon-Process-centengine	Check centreon-engine process.
App-Monitoring-Centreon-Process-centreontrapd	Check centreontrapd process.
App-Monitoring-Centreon-Process-crond	Check crond process.
App-Monitoring-Centreon-Process-httpd	Check Apache process.
App-Monitoring-Centreon-Process-ntpd	Check NTP process.
App-Monitoring-Centreon-Process-snmptrapd	Check snmptrapd process.
App-Monitoring-Centreon-Process-sshd	Check sshd process.

7.2.2 Centreon DB (Free catalog)

Template to check Centreon Poller Server

Service name	Description
App-Centreon-MySQL-Partitioning	Check if your MySQL partitions are up to date.

7.2.3 Centreon MBI (Limited catalog)

Template to check Centreon MBI reporting server

Service name	Description
App-Monitoring-Centreon-MBI-DWH-db-content	Check if the datawarehouse of the reporting server is up to date.
App-Monitoring-Centreon-MBI-DWH-partitions	Check if partitions of the reporting server datawarehouse are up to date.
App-Monitoring-Centreon-MBI-Ntp	Check the synchronization with an NTP server.
App-Monitoring-Centreon-MBI-Process-cbis	Check the presence and the memory consumption of cbis process.
App-Monitoring-Centreon-MBI-failed-jobs	Check if failed job are present.

7.2.4 Centreon Map4 (Limited catalog)

Service name	Description
App-Monitoring-Map4-Event-Queue-JMX	Check event queue of Centreon Map 4 server.
App-Monitoring-Map4-Event-Statistics-JMX	Check events statistics in Centreon Map 4 server.
App-Monitoring-Map4-Gates-JMX	Check about number of business open gates on this Centreon-Map4 server.
App-Monitoring-Map4-Sessions-JMX	Check number of sessions on Centreon-Map 4 server.

7.2.5 Centreon Poller (Free catalog)

Template to check Centreon Poller Server

Service name	Description
App-Monitoring-Centreon-Broker-Stats-Poller	Check Centreon Broker processes statistics.
App-Monitoring-Centreon-Process-centengine	Check centreon-engine process.
App-Monitoring-Centreon-Process-ntpd	Check NTP process.
App-Monitoring-Centreon-Process-sshd	Check sshd process.

7.3 Cloud

7.3.1 AWS Billing (Full catalog)

Template to check Amazon Billing and Cost Management using API

Service name	Description
Cloud-Aws-Billing-Estimated-Charges-Api	Check service estimated charges.

7.3.2 AWS CloudFront (Full catalog)

Template to check Amazon CloudFront using API

Service name	Description
Cloud-Aws-Cloudfront-Errors-Api	Check pages access errors.
Cloud-Aws-Cloudfront-Requests-Api	Check requests number.
Cloud-Aws-Cloudfront-Throughput-Api	Check upload and download throughputs.

7.3.3 AWS EC2 (Full catalog)

Cloud-Aws-Ec2-Asg

Template to check Amazon Elastic Compute Cloud (Amazon EC2) Auto Scaling Group using API

Service name	Description
Cloud-Aws-Ec2-Asg-Status-Global-Api	Check ASG status.
Cloud-Aws-Ec2-Cpu-Credit-Api	Check CPU credits usage.
Cloud-Aws-Ec2-Cpu-Usage-Api	Check CPU usage.
Cloud-Aws-Ec2-Diskio-Api	Check disks I/O utilization.
Cloud-Aws-Ec2-Instances-Status-Global-Api	Check instances status.
Cloud-Aws-Ec2-Instances-Types-Global-Api	Check instances types count.
Cloud-Aws-Ec2-Network-Api	Check network usage.
Cloud-Aws-Ec2-Status-Api	Check internal checks status.

Cloud-Aws-Ec2-Instance

Template to check Amazon Elastic Compute Cloud (Amazon EC2) instance using API

Service name	Description
Cloud-Aws-Ec2-Asg-Status-Global-Api	Check ASG status.
Cloud-Aws-Ec2-Cpu-Credit-Api	Check CPU credits usage.
Cloud-Aws-Ec2-Cpu-Usage-Api	Check CPU usage.
Cloud-Aws-Ec2-Diskio-Api	Check disks I/O utilization.
Cloud-Aws-Ec2-Instances-Status-Global-Api	Check instances status.
Cloud-Aws-Ec2-Instances-Types-Global-Api	Check instances types count.
Cloud-Aws-Ec2-Network-Api	Check network usage.
Cloud-Aws-Ec2-Status-Api	Check internal checks status.

7.3.4 AWS ELB (Full catalog)

Cloud-Aws-Elb-AvailabilityZone

Template to check Amazon Elastic Load Balancing (Amazon ELB) using API

Service name	Description
Cloud-Aws-Elb-Http-Codes-Api	Check HTTP return codes.
Cloud-Aws-Elb-Performances-Api	Check performances.
Cloud-Aws-Elb-Queues-Api	Check queues.
Cloud-Aws-Elb-Targets-Health-Api	Check targets health.

Cloud-Aws-Elb-LoadBalancer

Template to check Amazon Elastic Load Balancing (Amazon ELB) using API

Service name	Description
Cloud-Aws-Elb-Http-Codes-Api	Check HTTP return codes.
Cloud-Aws-Elb-Performances-Api	Check performances.
Cloud-Aws-Elb-Queues-Api	Check queues.
Cloud-Aws-Elb-Targets-Health-Api	Check targets health.

7.3.5 AWS ElastiCache (Full catalog)

Cloud-Aws-ElastiCache

Template to check Amazon ElastiCache using API

Service name	Description
Cloud-Aws-ElastiCache-Commands-Memcached-Api	Check Memcached performances.
Cloud-Aws-ElastiCache-Commands-Redis-Api	Check Redis performances.
Cloud-Aws-ElastiCache-Connections-Api	Check connections number.
Cloud-Aws-ElastiCache-Cpu-Api	Check CPU utilization.
Cloud-Aws-ElastiCache-Evictions-Api	Check evictions number.
Cloud-Aws-ElastiCache-Items-Api	Check items number.
Cloud-Aws-ElastiCache-Network-Api	Check network usage.
Cloud-Aws-ElastiCache-Replication-Api	Check replication performances.
Cloud-Aws-ElastiCache-Requests-Memcached-Api	Check Memcached performances.
Cloud-Aws-ElastiCache-Requests-Redis-Api	Check Redis performances.
Cloud-Aws-ElastiCache-Usage-Memcached-Api	Check Memcached space usage.
Cloud-Aws-ElastiCache-Usage-Redis-Api	Check Redis space usage.

Cloud-Aws-ElastiCache-Memcached

Template to check Amazon ElastiCache with Memcached backend using API

Service name	Description
Cloud-Aws-ElastiCache-Commands-Memcached-Api	Check Memcached performances.
Cloud-Aws-ElastiCache-Commands-Redis-Api	Check Redis performances.
Cloud-Aws-ElastiCache-Connections-Api	Check connections number.
Cloud-Aws-ElastiCache-Cpu-Api	Check CPU utilization.
Cloud-Aws-ElastiCache-Evictions-Api	Check evictions number.
Cloud-Aws-ElastiCache-Items-Api	Check items number.
Cloud-Aws-ElastiCache-Network-Api	Check network usage.
Cloud-Aws-ElastiCache-Replication-Api	Check replication performances.
Cloud-Aws-ElastiCache-Requests-Memcached-Api	Check Memcached performances.
Cloud-Aws-ElastiCache-Requests-Redis-Api	Check Redis performances.
Cloud-Aws-ElastiCache-Usage-Memcached-Api	Check Memcached space usage.
Cloud-Aws-ElastiCache-Usage-Redis-Api	Check Redis space usage.

Cloud-Aws-ElastiCache-Redis

Template to check Amazon ElastiCache with Redis backend using API

Service name	Description
Cloud-Aws-ElastiCache-Commands-Memcached-API	Check Memcached performances.
Cloud-Aws-ElastiCache-Commands-Redis-API	Check Redis performances.
Cloud-Aws-ElastiCache-Connections-API	Check connections number.
Cloud-Aws-ElastiCache-Cpu-API	Check CPU utilization.
Cloud-Aws-ElastiCache-Evictions-API	Check evictions number.
Cloud-Aws-ElastiCache-Items-API	Check items number.
Cloud-Aws-ElastiCache-Network-API	Check network usage.
Cloud-Aws-ElastiCache-Replication-API	Check replication performances.
Cloud-Aws-ElastiCache-Requests-Memcached-API	Check Memcached performances.
Cloud-Aws-ElastiCache-Requests-Redis-API	Check Redis performances.
Cloud-Aws-ElastiCache-Usage-Memcached-API	Check Memcached space usage.
Cloud-Aws-ElastiCache-Usage-Redis-API	Check Redis space usage.

7.3.6 AWS Lambda (Full catalog)

Template to check Amazon Lambda using API

Service name	Description
Cloud-Aws-Lambda-Invocations-API	Check Memcached performances.

7.3.7 AWS RDS (Full catalog)

Cloud-Aws-Rds-Cluster

Template to check Amazon Relational Database Service (Amazon RDS) cluster using API

Service name	Description
Cloud-Aws-Rds-Connections-API	Check connection number on instance.
Cloud-Aws-Rds-Cpu-Credit-API	Check CPU credits usage.
Cloud-Aws-Rds-Cpu-Usage-API	Check CPU usage.
Cloud-Aws-Rds-Diskio-API	Check disks IO utilization.
Cloud-Aws-Rds-Instance-Status-API	Check RDS instances status.
Cloud-Aws-Rds-Network-API	Check network usage.
Cloud-Aws-Rds-Queries-API	Check requests number made on instance.
Cloud-Aws-Rds-Transactions-API	Check transaction number made on instance.
Cloud-Aws-Rds-Volume-Iops-API	Check volumes IO utilization.
Cloud-Aws-Rds-Volume-Usage-API	Check volumes usage.

Cloud-Aws-Rds-Instance-Aurora

Template to check Amazon Relational Database Service (Amazon RDS) Aurora instance using API

Service name	Description
Cloud-Aws-Rds-Connections-Api	Check connection number on instance.
Cloud-Aws-Rds-Cpu-Credit-Api	Check CPU credits usage.
Cloud-Aws-Rds-Cpu-Usage-Api	Check CPU usage.
Cloud-Aws-Rds-Diskio-Api	Check disks IO utilization.
Cloud-Aws-Rds-Instance-Status-Api	Check RDS instances status.
Cloud-Aws-Rds-Network-Api	Check network usage.
Cloud-Aws-Rds-Queries-Api	Check requests number made on instance.
Cloud-Aws-Rds-Transactions-Api	Check transaction number made on instance.
Cloud-Aws-Rds-Volume-Iops-Api	Check volumes IO utilization.
Cloud-Aws-Rds-Volume-Usage-Api	Check volumes usage.

Cloud-Aws-Rds-Instance-MSSQL

Template to check Amazon Relational Database Service (Amazon RDS) MSSQL instance using API

Service name	Description
Cloud-Aws-Rds-Connections-Api	Check connection number on instance.
Cloud-Aws-Rds-Cpu-Credit-Api	Check CPU credits usage.
Cloud-Aws-Rds-Cpu-Usage-Api	Check CPU usage.
Cloud-Aws-Rds-Diskio-Api	Check disks IO utilization.
Cloud-Aws-Rds-Instance-Status-Api	Check RDS instances status.
Cloud-Aws-Rds-Network-Api	Check network usage.
Cloud-Aws-Rds-Queries-Api	Check requests number made on instance.
Cloud-Aws-Rds-Transactions-Api	Check transaction number made on instance.
Cloud-Aws-Rds-Volume-Iops-Api	Check volumes IO utilization.
Cloud-Aws-Rds-Volume-Usage-Api	Check volumes usage.

Cloud-Aws-Rds-Instance-MariaDB

Template to check Amazon Relational Database Service (Amazon RDS) MariaDB instance using API

Service name	Description
Cloud-Aws-Rds-Connections-Api	Check connection number on instance.
Cloud-Aws-Rds-Cpu-Credit-Api	Check CPU credits usage.
Cloud-Aws-Rds-Cpu-Usage-Api	Check CPU usage.
Cloud-Aws-Rds-Diskio-Api	Check disks IO utilization.
Cloud-Aws-Rds-Instance-Status-Api	Check RDS instances status.
Cloud-Aws-Rds-Network-Api	Check network usage.
Cloud-Aws-Rds-Queries-Api	Check requests number made on instance.
Cloud-Aws-Rds-Transactions-Api	Check transaction number made on instance.
Cloud-Aws-Rds-Volume-Iops-Api	Check volumes IO utilization.
Cloud-Aws-Rds-Volume-Usage-Api	Check volumes usage.

Cloud-Aws-Rds-Instance-MySQL

Template to check Amazon Relational Database Service (Amazon RDS) MySQL instance using API

Service name	Description
Cloud-Aws-Rds-Connections-Api	Check connection number on instance.
Cloud-Aws-Rds-Cpu-Credit-Api	Check CPU credits usage.
Cloud-Aws-Rds-Cpu-Usage-Api	Check CPU usage.
Cloud-Aws-Rds-Diskio-Api	Check disks IO utilization.
Cloud-Aws-Rds-Instance-Status-Api	Check RDS instances status.
Cloud-Aws-Rds-Network-Api	Check network usage.
Cloud-Aws-Rds-Queries-Api	Check requests number made on instance.
Cloud-Aws-Rds-Transactions-Api	Check transaction number made on instance.
Cloud-Aws-Rds-Volume-Iops-Api	Check volumes IO utilization.
Cloud-Aws-Rds-Volume-Usage-Api	Check volumes usage.

Cloud-Aws-Rds-Instance-Oracle

Template to check Amazon Relational Database Service (Amazon RDS) Oracle instance using API

Service name	Description
Cloud-Aws-Rds-Connections-Api	Check connection number on instance.
Cloud-Aws-Rds-Cpu-Credit-Api	Check CPU credits usage.
Cloud-Aws-Rds-Cpu-Usage-Api	Check CPU usage.
Cloud-Aws-Rds-Diskio-Api	Check disks IO utilization.
Cloud-Aws-Rds-Instance-Status-Api	Check RDS instances status.
Cloud-Aws-Rds-Network-Api	Check network usage.
Cloud-Aws-Rds-Queries-Api	Check requests number made on instance.
Cloud-Aws-Rds-Transactions-Api	Check transaction number made on instance.
Cloud-Aws-Rds-Volume-Iops-Api	Check volumes IO utilization.
Cloud-Aws-Rds-Volume-Usage-Api	Check volumes usage.

Cloud-Aws-Rds-Instance-PostgreSQL

Template to check Amazon Relational Database Service (Amazon RDS) PostgreSQL instance using API

Service name	Description
Cloud-Aws-Rds-Connections-Api	Check connection number on instance.
Cloud-Aws-Rds-Cpu-Credit-Api	Check CPU credits usage.
Cloud-Aws-Rds-Cpu-Usage-Api	Check CPU usage.
Cloud-Aws-Rds-Diskio-Api	Check disks IO utilization.
Cloud-Aws-Rds-Instance-Status-Api	Check RDS instances status.
Cloud-Aws-Rds-Network-Api	Check network usage.
Cloud-Aws-Rds-Queries-Api	Check requests number made on instance.
Cloud-Aws-Rds-Transactions-Api	Check transaction number made on instance.
Cloud-Aws-Rds-Volume-Iops-Api	Check volumes IO utilization.
Cloud-Aws-Rds-Volume-Usage-Api	Check volumes usage.

7.3.8 AWS S3 (Full catalog)

Template to check Amazon Simple Storage Service (Amazon S3) using API

Service name	Description
Cloud-Aws-S3-Bucket-Size-Api	Check bucket size.
Cloud-Aws-S3-Objects-Api	Check objects number.
Cloud-Aws-S3-Requests-Api	Check instance requests number.

7.3.9 Azure Monitor (Full catalog)

Template to check Azure Management Monitor using API

Service name	Description
Cloud-Azure-Management-Monitor-Get-Metrics-Api	Check one or several metrics of a resource.

7.3.10 Azure Network (Full catalog)

Template to check Azure Network network interface using API

Service name	Description
Cloud-Azure-Network-NetworkInterface-Traffic-Api	Check network usage.

7.3.11 Azure Resource (Full catalog)

Template to check Azure Management Resource using API

Service name	Description
Cloud-Azure-Management-Resource-Deployments-Status-Api	Check resource group deployment status.
Cloud-Azure-Management-Resource-Items-Api	Check resource group items count.

7.3.12 Azure Storage (Full catalog)

Cloud-Azure-Storage-StorageAccount-Account

Template to check Azure Storage storage account using API

Service name	Description
Cloud-Azure-Storage-StorageAccount-Account-Transactions-Availability-Api	Check storage account availability.
Cloud-Azure-Storage-StorageAccount-Account-Transactions-Count-Api	Check storage account transactions number.
Cloud-Azure-Storage-StorageAccount-Account-Transactions-Latency-Api	Check storage successful requests latency and process.
Cloud-Azure-Storage-StorageAccount-Account-Transactions-Throughput-Api	Check storage ingress and egress data throughput.
Cloud-Azure-Storage-StorageAccount-Account-Used-Capacity-Api	Check storage usage.
Cloud-Azure-Storage-StorageAccount-Blob-Capacity-Api	Check Blob type storage usage.
Cloud-Azure-Storage-StorageAccount-Blob-Container-Count-Api	Check Bloc container count on the storage.
Cloud-Azure-Storage-StorageAccount-Blob-Count-Api	Check object count on the storage.
Cloud-Azure-Storage-StorageAccount-Blob-Transactions-Availability-Api	Check storage blob availability.
Cloud-Azure-Storage-StorageAccount-Blob-Transactions-Count-Api	Check storage blob transactions number.
Cloud-Azure-Storage-StorageAccount-Blob-Transactions-Latency-Api	Check storage blob successful requests latency and process.
Cloud-Azure-Storage-StorageAccount-Blob-Transactions-Throughput-Api	Check storage blob ingress and egress data throughput.
Cloud-Azure-Storage-StorageAccount-File-Capacity-Api	Check File type storage usage.
Cloud-Azure-Storage-StorageAccount-File-Count-Api	Check file count on the storage.
Cloud-Azure-Storage-StorageAccount-File-Share-Count-Api	Check share count on the storage.
Cloud-Azure-Storage-StorageAccount-File-Transactions-Availability-Api	Check storage file availability.
Cloud-Azure-Storage-StorageAccount-File-Transactions-Count-Api	Check storage file transactions number.
Cloud-Azure-Storage-StorageAccount-File-Transactions-Latency-Api	Check storage file successful requests latency and process.
Cloud-Azure-Storage-StorageAccount-File-Transactions-Throughput-Api	Check storage file ingress and egress data throughput.
Cloud-Azure-Storage-StorageAccount-Queue-Capacity-Api	Check Queue type storage usage.
Cloud-Azure-Storage-StorageAccount-Queue-Count-Api	Check queue count on the storage.
Cloud-Azure-Storage-StorageAccount-Queue-Message-Count-Api	Check messages count queueing on the storage.

Continued on next page

Table 7.1 – continued from previous page

Service name	Description
Cloud-Azure-Storage-StorageAccount-Queue-Transactions-Availability-Api	Check storage queue availability.
Cloud-Azure-Storage-StorageAccount-Queue-Transactions-Count-Api	Check storage queue transactions number.
Cloud-Azure-Storage-StorageAccount-Queue-Transactions-Latency-Api	Check storage queue successful requests latency and
Cloud-Azure-Storage-StorageAccount-Queue-Transactions-Throughput-Api	Check storage queue ingress and egress data throughput.
Cloud-Azure-Storage-StorageAccount-Table-Capacity-Api	Check Table type storage usage.
Cloud-Azure-Storage-StorageAccount-Table-Count-Api	Check table count on the storage.
Cloud-Azure-Storage-StorageAccount-Table-Entity-Count-Api	Check entries count in tables on the storage.
Cloud-Azure-Storage-StorageAccount-Table-Transactions-Availability-Api	Check storage table availability.
Cloud-Azure-Storage-StorageAccount-Table-Transactions-Count-Api	Check storage table transactions number.
Cloud-Azure-Storage-StorageAccount-Table-Transactions-Latency-Api	Check storage table successful requests latency and
Cloud-Azure-Storage-StorageAccount-Table-Transactions-Throughput-Api	Check storage table ingress and egress data throughput.

Cloud-Azure-Storage-StorageAccount-Blob

Template to check Azure Storage storage account (blob) using API

Service name	Description
Cloud-Azure-Storage-StorageAccount-Account-Transactions-Availability-Api	Check storage account availability.
Cloud-Azure-Storage-StorageAccount-Account-Transactions-Count-Api	Check storage account transactions number.
Cloud-Azure-Storage-StorageAccount-Account-Transactions-Latency-Api	Check storage successful requests latency and process
Cloud-Azure-Storage-StorageAccount-Account-Transactions-Throughput-Api	Check storage ingress and egress data throughput.
Cloud-Azure-Storage-StorageAccount-Account-Used-Capacity-Api	Check storage usage.
Cloud-Azure-Storage-StorageAccount-Blob-Capacity-Api	Check Blob type storage usage.
Cloud-Azure-Storage-StorageAccount-Blob-Container-Count-Api	Check Bloc container count on the storage.
Cloud-Azure-Storage-StorageAccount-Blob-Count-Api	Check object count on the storage.
Cloud-Azure-Storage-StorageAccount-Blob-Transactions-Availability-Api	Check storage blob availability.
Cloud-Azure-Storage-StorageAccount-Blob-Transactions-Count-Api	Check storage blob transactions number.
Cloud-Azure-Storage-StorageAccount-Blob-Transactions-Latency-Api	Check storage blob successful requests latency and
Cloud-Azure-Storage-StorageAccount-Blob-Transactions-Throughput-Api	Check storage blob ingress and egress data throughput.
Cloud-Azure-Storage-StorageAccount-File-Capacity-Api	Check File type storage usage.
Cloud-Azure-Storage-StorageAccount-File-Count-Api	Check file count on the storage.
Cloud-Azure-Storage-StorageAccount-File-Share-Count-Api	Check share count on the storage.
Cloud-Azure-Storage-StorageAccount-File-Transactions-Availability-Api	Check storage file availability.
Cloud-Azure-Storage-StorageAccount-File-Transactions-Count-Api	Check storage file transactions number.
Cloud-Azure-Storage-StorageAccount-File-Transactions-Latency-Api	Check storage file successful requests latency and p
Cloud-Azure-Storage-StorageAccount-File-Transactions-Throughput-Api	Check storage file ingress and egress data throughput.
Cloud-Azure-Storage-StorageAccount-Queue-Capacity-Api	Check Queue type storage usage.
Cloud-Azure-Storage-StorageAccount-Queue-Count-Api	Check queue count on the storage.
Cloud-Azure-Storage-StorageAccount-Queue-Message-Count-Api	Check messages count queueing on the storage.
Cloud-Azure-Storage-StorageAccount-Queue-Transactions-Availability-Api	Check storage queue availability.
Cloud-Azure-Storage-StorageAccount-Queue-Transactions-Count-Api	Check storage queue transactions number.
Cloud-Azure-Storage-StorageAccount-Queue-Transactions-Latency-Api	Check storage queue successful requests latency and
Cloud-Azure-Storage-StorageAccount-Queue-Transactions-Throughput-Api	Check storage queue ingress and egress data throughput.
Cloud-Azure-Storage-StorageAccount-Table-Capacity-Api	Check Table type storage usage.
Cloud-Azure-Storage-StorageAccount-Table-Count-Api	Check table count on the storage.
Cloud-Azure-Storage-StorageAccount-Table-Entity-Count-Api	Check entries count in tables on the storage.
Cloud-Azure-Storage-StorageAccount-Table-Transactions-Availability-Api	Check storage table availability.
Cloud-Azure-Storage-StorageAccount-Table-Transactions-Count-Api	Check storage table transactions number.
Cloud-Azure-Storage-StorageAccount-Table-Transactions-Latency-Api	Check storage table successful requests latency and
Cloud-Azure-Storage-StorageAccount-Table-Transactions-Throughput-Api	Check storage table ingress and egress data throughput.

Cloud-Azure-Storage-StorageAccount-File

Template to check Azure Storage storage account (file) using API

Service name	Description
Cloud-Azure-Storage-StorageAccount-Account-Transactions-Availability-Api	Check storage account availability.
Cloud-Azure-Storage-StorageAccount-Account-Transactions-Count-Api	Check storage account transactions number.
Cloud-Azure-Storage-StorageAccount-Account-Transactions-Latency-Api	Check storage successful requests latency and process.
Cloud-Azure-Storage-StorageAccount-Account-Transactions-Throughput-Api	Check storage ingress and egress data throughput.
Cloud-Azure-Storage-StorageAccount-Account-Used-Capacity-Api	Check storage usage.
Cloud-Azure-Storage-StorageAccount-Blob-Capacity-Api	Check Blob type storage usage.
Cloud-Azure-Storage-StorageAccount-Blob-Container-Count-Api	Check Blob container count on the storage.
Cloud-Azure-Storage-StorageAccount-Blob-Count-Api	Check object count on the storage.
Cloud-Azure-Storage-StorageAccount-Blob-Transactions-Availability-Api	Check storage blob availability.
Cloud-Azure-Storage-StorageAccount-Blob-Transactions-Count-Api	Check storage blob transactions number.
Cloud-Azure-Storage-StorageAccount-Blob-Transactions-Latency-Api	Check storage blob successful requests latency and process.
Cloud-Azure-Storage-StorageAccount-Blob-Transactions-Throughput-Api	Check storage blob ingress and egress data throughput.
Cloud-Azure-Storage-StorageAccount-File-Capacity-Api	Check File type storage usage.
Cloud-Azure-Storage-StorageAccount-File-Count-Api	Check file count on the storage.
Cloud-Azure-Storage-StorageAccount-File-Share-Count-Api	Check share count on the storage.
Cloud-Azure-Storage-StorageAccount-File-Transactions-Availability-Api	Check storage file availability.
Cloud-Azure-Storage-StorageAccount-File-Transactions-Count-Api	Check storage file transactions number.
Cloud-Azure-Storage-StorageAccount-File-Transactions-Latency-Api	Check storage file successful requests latency and process.
Cloud-Azure-Storage-StorageAccount-File-Transactions-Throughput-Api	Check storage file ingress and egress data throughput.
Cloud-Azure-Storage-StorageAccount-Queue-Capacity-Api	Check Queue type storage usage.
Cloud-Azure-Storage-StorageAccount-Queue-Count-Api	Check queue count on the storage.
Cloud-Azure-Storage-StorageAccount-Queue-Message-Count-Api	Check messages count queueing on the storage.
Cloud-Azure-Storage-StorageAccount-Queue-Transactions-Availability-Api	Check storage queue availability.
Cloud-Azure-Storage-StorageAccount-Queue-Transactions-Count-Api	Check storage queue transactions number.
Cloud-Azure-Storage-StorageAccount-Queue-Transactions-Latency-Api	Check storage queue successful requests latency and process.
Cloud-Azure-Storage-StorageAccount-Queue-Transactions-Throughput-Api	Check storage queue ingress and egress data throughput.
Cloud-Azure-Storage-StorageAccount-Table-Capacity-Api	Check Table type storage usage.
Cloud-Azure-Storage-StorageAccount-Table-Count-Api	Check table count on the storage.
Cloud-Azure-Storage-StorageAccount-Table-Entity-Count-Api	Check entries count in tables on the storage.
Cloud-Azure-Storage-StorageAccount-Table-Transactions-Availability-Api	Check storage table availability.
Cloud-Azure-Storage-StorageAccount-Table-Transactions-Count-Api	Check storage table transactions number.
Cloud-Azure-Storage-StorageAccount-Table-Transactions-Latency-Api	Check storage table successful requests latency and process.
Cloud-Azure-Storage-StorageAccount-Table-Transactions-Throughput-Api	Check storage table ingress and egress data throughput.

Cloud-Azure-Storage-StorageAccount-Queue

Template to check Azure Storage storage account (queue) using API

Service name	Description
Cloud-Azure-Storage-StorageAccount-Account-Transactions-Availability-Api	Check storage account availability.
Cloud-Azure-Storage-StorageAccount-Account-Transactions-Count-Api	Check storage account transactions number.
Cloud-Azure-Storage-StorageAccount-Account-Transactions-Latency-Api	Check storage successful requests latency and process.
Cloud-Azure-Storage-StorageAccount-Account-Transactions-Throughput-Api	Check storage ingress and egress data throughput.
Cloud-Azure-Storage-StorageAccount-Account-Used-Capacity-Api	Check storage usage.
Cloud-Azure-Storage-StorageAccount-Blob-Capacity-Api	Check Blob type storage usage.
Cloud-Azure-Storage-StorageAccount-Blob-Container-Count-Api	Check Blob container count on the storage.
Cloud-Azure-Storage-StorageAccount-Blob-Count-Api	Check object count on the storage.

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Table 7.4 – continued from previous page

Service name	Description
Cloud-Azure-Storage-StorageAccount-Blob-Transactions-Availability-API	Check storage blob availability.
Cloud-Azure-Storage-StorageAccount-Blob-Transactions-Count-API	Check storage blob transactions number.
Cloud-Azure-Storage-StorageAccount-Blob-Transactions-Latency-API	Check storage blob successful requests latency and p
Cloud-Azure-Storage-StorageAccount-Blob-Transactions-Throughput-API	Check storage blob ingress and egress data thoughpu
Cloud-Azure-Storage-StorageAccount-File-Capacity-API	Check File type storage usage.
Cloud-Azure-Storage-StorageAccount-File-Count-API	Check file count on the storage.
Cloud-Azure-Storage-StorageAccount-File-Share-Count-API	Check share count on the storage.
Cloud-Azure-Storage-StorageAccount-File-Transactions-Availability-API	Check storage file availability.
Cloud-Azure-Storage-StorageAccount-File-Transactions-Count-API	Check storage file transactions number.
Cloud-Azure-Storage-StorageAccount-File-Transactions-Latency-API	Check storage file successful requests latency and p
Cloud-Azure-Storage-StorageAccount-File-Transactions-Throughput-API	Check storage file ingress and egress data thoughput
Cloud-Azure-Storage-StorageAccount-Queue-Capacity-API	Check Queue type storage usage.
Cloud-Azure-Storage-StorageAccount-Queue-Count-API	Check queue count on the storage.
Cloud-Azure-Storage-StorageAccount-Queue-Message-Count-API	Check messages count queueing on the storage.
Cloud-Azure-Storage-StorageAccount-Queue-Transactions-Availability-API	Check storage queue availability.
Cloud-Azure-Storage-StorageAccount-Queue-Transactions-Count-API	Check storage queue transactions number.
Cloud-Azure-Storage-StorageAccount-Queue-Transactions-Latency-API	Check storage queue successful requests latency and
Cloud-Azure-Storage-StorageAccount-Queue-Transactions-Throughput-API	Check storage queue ingress and egress data thoughp
Cloud-Azure-Storage-StorageAccount-Table-Capacity-API	Check Table type storage usage.
Cloud-Azure-Storage-StorageAccount-Table-Count-API	Check table count on the storage.
Cloud-Azure-Storage-StorageAccount-Table-Entity-Count-API	Check entries count in tables on the storage.
Cloud-Azure-Storage-StorageAccount-Table-Transactions-Availability-API	Check storage table availability.
Cloud-Azure-Storage-StorageAccount-Table-Transactions-Count-API	Check storage table transactions number.
Cloud-Azure-Storage-StorageAccount-Table-Transactions-Latency-API	Check storage table successful requests latency and
Cloud-Azure-Storage-StorageAccount-Table-Transactions-Throughput-API	Check storage table ingress and egress data thoughpu

Cloud-Azure-Storage-StorageAccount-Table

Template to check Azure Storage storage account (table) using API

Service name	Description
Cloud-Azure-Storage-StorageAccount-Account-Transactions-Availability-API	Check storage account availability.
Cloud-Azure-Storage-StorageAccount-Account-Transactions-Count-API	Check storage account transactions number.
Cloud-Azure-Storage-StorageAccount-Account-Transactions-Latency-API	Check storage successful requests latency and proced
Cloud-Azure-Storage-StorageAccount-Account-Transactions-Throughput-API	Check storage ingress and egress data thoughput.
Cloud-Azure-Storage-StorageAccount-Account-Used-Capacity-API	Check storage usage.
Cloud-Azure-Storage-StorageAccount-Blob-Capacity-API	Check Blob type storage usage.
Cloud-Azure-Storage-StorageAccount-Blob-Container-Count-API	Check Bloc container count on the storage.
Cloud-Azure-Storage-StorageAccount-Blob-Count-API	Check object count on the storage.
Cloud-Azure-Storage-StorageAccount-Blob-Transactions-Availability-API	Check storage blob availability.
Cloud-Azure-Storage-StorageAccount-Blob-Transactions-Count-API	Check storage blob transactions number.
Cloud-Azure-Storage-StorageAccount-Blob-Transactions-Latency-API	Check storage blob successful requests latency and
Cloud-Azure-Storage-StorageAccount-Blob-Transactions-Throughput-API	Check storage blob ingress and egress data thoughpu
Cloud-Azure-Storage-StorageAccount-File-Capacity-API	Check File type storage usage.
Cloud-Azure-Storage-StorageAccount-File-Count-API	Check file count on the storage.
Cloud-Azure-Storage-StorageAccount-File-Share-Count-API	Check share count on the storage.
Cloud-Azure-Storage-StorageAccount-File-Transactions-Availability-API	Check storage file availability.
Cloud-Azure-Storage-StorageAccount-File-Transactions-Count-API	Check storage file transactions number.
Cloud-Azure-Storage-StorageAccount-File-Transactions-Latency-API	Check storage file successful requests latency and p
Cloud-Azure-Storage-StorageAccount-File-Transactions-Throughput-API	Check storage file ingress and egress data thoughput

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Table 7.5 – continued from previous page

Service name	Description
Cloud-Azure-Storage-StorageAccount-Queue-Capacity-Api	Check Queue type storage usage.
Cloud-Azure-Storage-StorageAccount-Queue-Count-Api	Check queue count on the storage.
Cloud-Azure-Storage-StorageAccount-Queue-Message-Count-Api	Check messages count queueing on the storage.
Cloud-Azure-Storage-StorageAccount-Queue-Transactions-Availability-Api	Check storage queue availability.
Cloud-Azure-Storage-StorageAccount-Queue-Transactions-Count-Api	Check storage queue transactions number.
Cloud-Azure-Storage-StorageAccount-Queue-Transactions-Latency-Api	Check storage queue successful requests latency and
Cloud-Azure-Storage-StorageAccount-Queue-Transactions-Throughput-Api	Check storage queue ingress and egress data throughp
Cloud-Azure-Storage-StorageAccount-Table-Capacity-Api	Check Table type storage usage.
Cloud-Azure-Storage-StorageAccount-Table-Count-Api	Check table count on the storage.
Cloud-Azure-Storage-StorageAccount-Table-Entity-Count-Api	Check entries count in tables on the storage.
Cloud-Azure-Storage-StorageAccount-Table-Transactions-Availability-Api	Check storage table availability.
Cloud-Azure-Storage-StorageAccount-Table-Transactions-Count-Api	Check storage table transactions number.
Cloud-Azure-Storage-StorageAccount-Table-Transactions-Latency-Api	Check storage table successful requests latency and
Cloud-Azure-Storage-StorageAccount-Table-Transactions-Throughput-Api	Check storage table ingress and egress data throughp

7.3.13 Azure VM (Full catalog)

Template to check Azure Compute virtual machine using API

Service name	Description
Cloud-Azure-Compute-VirtualMachine-Cpu-Credit-Api	Check CPU credits usage.
Cloud-Azure-Compute-VirtualMachine-Cpu-Usage-Api	Check CPU usage.
Cloud-Azure-Compute-VirtualMachine-Diskio-Api	Check disks I/O utilization.
Cloud-Azure-Compute-VirtualMachine-Network-Api	Check network usage.
Cloud-Azure-Compute-VirtualMachine-Vm-Sizes-Global-Api	Check virtual machines types count.
Cloud-Azure-Compute-VirtualMachine-Vms-State-Global-Api	Check virtual machines status.

7.3.14 Docker (Full catalog)

Template to check Docker nodes and containers using REST API

Service name	Description
App-Docker-Container-Usage-Restapi	Check container usage.
App-Docker-Node-Status-Restapi	Check node status.

7.3.15 Kubernetes (Full catalog)

Template to check a Kubernetes cluster using Prometheus

Service name	Description
Cloud-Prometheus-Kubernetes-Container-Status-Api	Check containers status.
Cloud-Prometheus-Kubernetes-Daemonset-Status-Api	Check daemonsets status.
Cloud-Prometheus-Kubernetes-Deployment-Status-Api	Check deployments status.
Cloud-Prometheus-Kubernetes-Namespace-Status-Api	Check namespaces status.
Cloud-Prometheus-Kubernetes-Node-Status-Api	Check nodes status.

7.3.16 Node Exporter (Full catalog)

Template to check a cluster node using Prometheus

Service name	Description
Cloud-Prometheus-Node-Exporter-Cpu-Api	Check node CPU usage.
Cloud-Prometheus-Node-Exporter-Cpu-Detailed-Api	Check node detailed CPU usage.
Cloud-Prometheus-Node-Exporter-Load-Api	Check node load.
Cloud-Prometheus-Node-Exporter-Memory-Api	Check node memory usage.
Cloud-Prometheus-Node-Exporter-Storage-Api	Check node storage usage.

7.3.17 OVH (Full catalog)

Template to check OVH using REST API

Service name	Description
Cloud-Ovh-Quota-Usage-Restapi	Check web hosting space.
Cloud-Ovh-Sms-Restapi	Check SMS left.

7.3.18 Prometheus Server (Full catalog)

Template to check a Prometheus server using API

Service name	Description
Cloud-Prometheus-Expression-Api	Check allowing to execute queries and use results to define thresholds.
Cloud-Prometheus-Target-Status-Api	Check targets status.

7.3.19 cAdvisor (Full catalog)

Template to check containers using Prometheus and cAdvisor Exporter

Service name	Description
Cloud-Prometheus-cAdvisor-Cpu-Api	Check container CPU usage.
Cloud-Prometheus-cAdvisor-Load-Api	Check container load.
Cloud-Prometheus-cAdvisor-Memory-Api	Check container memory usage.
Cloud-Prometheus-cAdvisor-Storage-Api	Check container storage usage.
Cloud-Prometheus-cAdvisor-Task-State-Api	Check container tasks state.

7.4 Database

7.4.1 Elasticsearch (Limited catalog)

Template to check an Elasticsearch Server

Service name	Description
App-Elasticsearch-Cluster-State	Check the state of a elasticsearch's cluster.
App-Elasticsearch-Indices-State	Check the state of indices of an elasticsearch's cluster.
App-Elasticsearch-Node-Count	Check nodes in an elasticsearch's cluster.

7.4.2 Firebird (Full catalog)

Template to check Firebird Database

Service name	Description
App-DB-Firebird-Connection-Time	Check the connection time to the server.
App-DB-Firebird-Long-Queries	Check current number of long queries.
App-DB-Firebird-Memory	Check memory usage.
App-DB-Firebird-Pages	Check page statistics.
App-DB-Firebird-Queries	Check queries statistics.
App-DB-Firebird-Sql-Generic	Check using a custom SQL request.
App-DB-Firebird-Users	Check current users connected.

7.4.3 Informix DB (Limited catalog)

Template to check Informix Database

Service name	Description
App-DB-Informix-Archivelevel0-Generic-Name	Check archive level0 backup last execution.
App-DB-Informix-Archivelevel0-Global	Check archive level0 backup last execution.
App-DB-Informix-Checkpoints	Check Informix Checkpoints.
App-DB-Informix-Chunk-Down-Global	Check if “chunks” are “offline”.
App-DB-Informix-Connection	Check connection to the Informix server.
App-DB-Informix-Dbspace-Usage-Generic-Name	Check a dbspace usage.
App-DB-Informix-Dbspace-Usage-Global	Check some dbspaces usage.
App-DB-Informix-Global-Cache	Check read/write caches.
App-DB-Informix-Lockoverflow	Check the number of times Informix attempted to exceed the maximum number of locks.
App-DB-Informix-Logfiles-Usage	Check usage for log files.
App-DB-Informix-Longtxs	Check number of current long transactions.
App-DB-Informix-Sessions	Check current sessions.
App-DB-Informix-Sql-Statement	
App-DB-Informix-Table-Locks-Generic-Name	Check table locks on one database.
App-DB-Informix-Table-Locks-Global	Check table locks.

7.4.4 MS SQL Server (Limited catalog)

Template to check MSSQL Database

Service name	Description
App-DB-MSSQL-Backup-Age	Check database backups of the server. This time is given in minutes.
App-DB-MSSQL-Blocked-Processes	Check blocked processes on the server. Service cannot work because of a SQL request. It depends of your MS SQL Server version.
App-DB-MSSQL-Cache-Hitratio	Check the “Data Buffer Cache Hit Ratio” of the server. No alerts by default.
App-DB-MSSQL-Connected-Users	Check number of connected users on the database.
App-DB-MSSQL-Connection-Time	Check the connection time to the server. This time is given in seconds.
App-DB-MSSQL-Database-Free	Check free space of databases on the server.
App-DB-MSSQL-Database-Used	Check used space of databases on the server.
App-DB-MSSQL-Deadlocks	Check deadlocks per second of the server.
App-DB-MSSQL-Failed-Jobs	Check MSSQL failed jobs.
App-DB-MSSQL-Locks-Waits	Check locks-waits per second of the server.
App-DB-MSSQL-Logs-Size	Check used space of databases logs on the server.
App-DB-MSSQL-Sql-Statement	Check allowing to execute a custom SQL request with a digital answer.
App-DB-MSSQL-Sql-Statement-String	Check allowing to execute a custom SQL request with a string answer.
App-DB-MSSQL-Transactions	Check transactions per second of the server. No alerts by default.

7.4.5 MySQL DB (Free catalog)

Template to check MySQL Database

Service name	Description
App-DB-MySQL-Connection-Time	Check the connection time to the server. This time is given in seconds.
App-DB-MySQL-Connections-Number	Check the number of open connections.
App-DB-MySQL-Database-Size	Check size of databases. No Alerts by default.
App-DB-MySQL-Innodb-Bufferpool	Check the hit rate of the InnoDB buffer.
App-DB-MySQL-Long-Queries	Check current number of long queries.
App-DB-MySQL-Myisam-Keycache	Check the hit rate of the MyISAM tables.
App-DB-MySQL-Open-Files	Check the number of files that currently are open.
App-DB-MySQL-Qcache-Hitrate	Check query cache hitrate.
App-DB-MySQL-Queries	Check the average of queries per second.
App-DB-MySQL-Slowqueries	Check the number of slow queries since the last check. Gives the average rate per second.
App-DB-MySQL-Sql-Statement-Generic	Check allowing to execute a custom SQL request with a digital answer.
App-DB-MySQL-Sql-Statement-String-Generic	Check allowing to execute a custom SQL request with a string answer.
App-DB-MySQL-Uptime	This check indicates the operation time since the server is running. This time is given in minutes.

7.4.6 Oracle DB (Limited catalog)

Template to check Oracle Database

Service name	Description
App-DB-Oracle-ASM-Diskgroup-Usage- Generic-Name	Check ASM groupdisk usage and status to the Oracle server.
App-DB-Oracle-ASM-Diskgroup-Usage- Global	Check ASM groupdisk usage and status to the Oracle server.
App-DB-Oracle-Connection-Number	Check connection number to the Oracle server.
App-DB-Oracle-Connection-Time	Check the connection time to the server. This time is given in seconds.
App-DB-Oracle-Corrupted-Blocks	Check the number of corrupted blocks on the server.
App-DB-Oracle-Data-Files-Status	Check Oracle data files status.
App-DB-Oracle-Datacache-Hitratio	Check the 'Data Buffer Cache Hit Ratio' of the server. No alerts by default.
App-DB-Oracle-Event-Waits-Usage	Check event wait usage.
App-DB-Oracle-Invalid-Object	Check invalid objects.
App-DB-Oracle-Long-Queries	Check long queries.
App-DB-Oracle-Process-Usage	Check Oracle process used.
App-DB-Oracle-Rman-Backup-Age	Check RMAN backup age.
App-DB-Oracle-Rman-Backup-Online-Age	Check RMAN backup age in online mode.
App-DB-Oracle-Rman-Backup-Problems	Check RMAN backup errors of the server during the last three days.
App-DB-Oracle-Rollback-Segment-Usage	Check rollback segment usage.
App-DB-Oracle-Session-Usage	Check session used.
App-DB-Oracle-Sql-Statement-Generic	Check allowing to execute a custom SQL request with a digital answer.
App-DB-Oracle-Sql-Statement-String-Generic	Check allowing to execute a custom SQL request with a string answer.
App-DB-Oracle-Tablespace-Usage	Check the tablespace usage of the server.
App-DB-Oracle-Temporary-Tablespace-Usage	
App-DB-Oracle-Tnsping	Check the connection to a remote listener.
App-DB-Oracle-Undo-Tablespace-Usage	

7.4.7 PostgreSQL DB (Limited catalog)

Template to check Postgres Database

Service name	Description
App-DB-Postgres-Cache-Hitratio	Check the "buffer cache hitratio" of the Postgres server.
App-DB-Postgres-Connection	Check connection to the Postgres server.
App-DB-Postgres-Connection-Number	Check connection number to the Postgres server.
App-DB-Postgres-Database-Size	Check the databases size.
App-DB-Postgres-Locks	Check locks of the Postgres server.
App-DB-Postgres-Query-Time	Check request time of the Postgres server.
App-DB-Postgres-Sql-Statement	Check allowing to execute a custom SQL request with a digital answer.
App-DB-Postgres-Statistics	Check database statistics: commit, rollback, insert, delete, update.
App-DB-Postgres-Tablespace-Size	Check time between poller and the Postgres server.
App-DB-Postgres-Time-Sync	Check time between poller and the Postgres server.
App-DB-Postgres-Vacuum	Check the execution of Vacuum on a DB for a given amount of days.

7.4.8 Sybase (Limited catalog)

Template to check Sybase Database

Service name	Description
App-DB-Sybase-Blocked-Processes	Check blocked processes.
App-DB-Sybase-Connected-Users	Check number of connected users on the database.
App-DB-Sybase-Connection-Time	Check the connection time to the server. This time is given in seconds.
App-DB-Sybase-Database-Size	Check used space of databases on the server.
App-DB-Sybase-Sql	Check the average of queries per second.

7.5 Hardware-server

7.5.1 Avocent ACS 6000 (Full catalog)

Template to check Avocent ACS 6000 series in SNMP.

Service name	Description
HW-Kvm-Avocent-Acs-6000-Cpu-Detailed-SNMP	Check the detailed rate of utilization of CPU for the machine.
HW-Kvm-Avocent-Acs-6000-Hardware-Global-SNMP	Check hardware.
HW-Kvm-Avocent-Acs-6000-Load-SNMP	Check the server load average.
HW-Kvm-Avocent-Acs-6000-Memory-SNMP	Check the rate of the utilization of memory (RAM).

7.5.2 Cisco UCS (Limited catalog)

Template to check Cisco UCS using SNMP protocol

Service name	Description
HW-Server-Cisco-Ucs-Audit-Logs	Check audit logs.
HW-Server-Cisco-Ucs-Equipment	Check hardware state.
HW-Server-Cisco-Ucs-Faults	Check faults.
HW-Server-Cisco-Ucs-Service-Profile	Check count of service profiles.

7.5.3 Dell CMC (Limited catalog)

Template to check Dell server through CMC using SNMP protocol (hardware example: m1000e)

Service name	Description
HW-Dell-CMC-Hardware-Global-SNMP	Check all sensors ('chassis', 'power supply', 'status', 'temperature').
HW-Dell-CMC-Uptime-SNMP	Time since the server has been working and available.

7.5.4 Dell OpenManage (Limited catalog)

Template to check Dell server using Openmanage using SNMP protocol

Service name	Description
HW-Dell-Openmanage-Hardware-Battery-SNMP	Check batteries of Dell Server.
HW-Dell-Openmanage-Hardware-Cachebattery-SNMP	Check cache batteries of Dell Server.
HW-Dell-Openmanage-Hardware-Connector-SNMP	Check connector of Dell Server.
HW-Dell-Openmanage-Hardware-Controller-SNMP	Check controllers of Dell Server.
HW-Dell-Openmanage-Hardware-Esmlog-SNMP	Check event logs of Dell Server.
HW-Dell-Openmanage-Hardware-Fan-SNMP	Check fans of Dell Server.
HW-Dell-Openmanage-Hardware-Global-SNMP	Check hardware ('fan', 'cpu', 'power supply', 'temperature', 'battery',...) of Dell Server.
HW-Dell-Openmanage-Hardware-Globalstatus-SNMP	Check global status of Dell Server.
HW-Dell-Openmanage-Hardware-Logicaldrive-SNMP	Check logical drives of Dell Server.
HW-Dell-Openmanage-Hardware-Memory-SNMP	Check memories of Dell Server.
HW-Dell-Openmanage-Hardware-Physicaldisk-SNMP	Check physical drives of Dell Server.
HW-Dell-Openmanage-Hardware-Psu-SNMP	Check power supplies of Dell Server.
HW-Dell-Openmanage-Hardware-Storage-SNMP	Check storage of Dell Server.
HW-Dell-Openmanage-Hardware-Temperature-SNMP	Check temperatures of Dell Server.

7.5.5 Dell iDRAC (Limited catalog)

Template to check Dell server through iDrac card using SNMP protocol

Service name	Description
HW-Dell-iDrac-GlobalStatus-SNMP	Check global status of the equipment.

7.5.6 HP Blade Chassis (Limited catalog)

Template to check HP Blade Chassis using SNMP protocol

Service name	Description
HW-Hp-Bladechassis-Hardware-Blade-SNMP	Check 'blades' hardware of HP Blade chassis.
HW-Hp-Bladechassis-Hardware-Enclosure-SNMP	Check 'enclosure' hardware of HP Blade chassis.
HW-Hp-Bladechassis-Hardware-Fan-SNMP	Check 'fan' hardware of HP Blade chassis.
HW-Hp-Bladechassis-Hardware-Fuse-SNMP	Check 'fuse' hardware of HP Blade chassis.
HW-Hp-Bladechassis-Hardware-Global-SNMP	Check hardware ('enclosure', 'manager', 'fan', 'blade', 'network', 'power supply', 'temperature', 'fuse') of HP Blade chassis.
HW-Hp-Bladechassis-Hardware-Manager-SNMP	Check 'manager' hardware of HP Blade chassis.
HW-Hp-Bladechassis-Hardware-Network-SNMP	Check 'network' hardware of HP Blade chassis.
HW-Hp-Bladechassis-Hardware-Psu-SNMP	Check 'power supply' hardware of HP Blade chassis.
HW-Hp-Bladechassis-Hardware-Temperature-SNMP	Check 'temperatures' hardware of HP Blade chassis.

7.5.7 HP Ilo XMLAPI (Limited catalog)

Template to check HP servers using XML API of ILO cards

Service name	Description
HW-Hp-Ilo-Hardware-Global-Xmlapi	Check components.

7.5.8 HP Proliant (Limited catalog)

Template to check HP server through HP Insight Management agent using SNMP protocol

Service name	Description
HW-Hp-Server-Hardware-Cpu-SNMP	Check cpu hardware.
HW-Hp-Server-Hardware-Fan-SNMP	Check fan hardware.
HW-Hp-Server-Hardware-Global-SNMP	Check all hardware ('cpu', 'fan', 'temperature', 'power supply', ...).
HW-Hp-Server-Hardware-Network-SNMP	Check network hardware.
HW-Hp-Server-Hardware-Pc-SNMP	Check power converter hardware.
HW-Hp-Server-Hardware-Psu-SNMP	Check power supply hardware.
HW-Hp-Server-Hardware-Storage-SNMP	Check storage hardware.
HW-Hp-Server-Hardware-Temperature-SNMP	Check hardware temperatures.

7.5.9 IBM BladeCenter (Limited catalog)

Template to check IBM Bladecenter Chassis (H, HT, T, PureFlex) using SNMP protocol

Service name	Description
HW-IBM-Bladecenter-Hardware-Ambient-SNMP	Check 'ambient temperatures' hardware of IBM Bladecenter chassis.
HW-IBM-Bladecenter-Hardware-Blade-SNMP	Check 'blades' hardware of IBM Bladecenter chassis.
HW-IBM-Bladecenter-Hardware-Blower-SNMP	Check 'blowers' hardware of IBM Bladecenter chassis.
HW-IBM-Bladecenter-Hardware-Chassis-Status-SNMP	Check hardware tests of IBM Bladecenter chassis.
HW-IBM-Bladecenter-Hardware-Power-Module-SNMP	Check 'power modules' hardware of IBM Bladecenter chassis.
HW-IBM-Bladecenter-Hardware-System-Health-SNMP	Check 'system health' hardware of IBM Bladecenter chassis.

7.5.10 IBM IMM (Limited catalog)

Template to check IBM server through IMM card using SNMP protocol

Service name	Description
HW-IBM-IMM-Environment-Fan-SNMP	Check 'fan' sensors of IBM IMM card.
HW-IBM-IMM-Environment-Global-SNMP	Check all sensors ('globalstatus', 'fan', 'temperature', 'voltage') of IBM IMM card.
HW-IBM-IMM-Environment-GlobalStatus-SNMP	Check 'globalstatus' sensor of IBM IMM card.
HW-IBM-IMM-Environment-Temperature-SNMP	Check 'temperature' sensors of IBM IMM card.
HW-IBM-IMM-Environment-Voltage-SNMP	Check 'voltage' sensors of IBM IMM card.
HW-IBM-IMM-Eventlog-SNMP	Check eventlogs of IBM IMM card.

7.5.11 Masterclock NTP100GP (Full catalog)

Template to check Masterclock NTP server ntp100gps using SNMP protocol

Service name	Description
HW-Device-Masterclock-Ntp100gps-Gps-Status-SNMP	Check the GPS receiver status.
HW-Device-Masterclock-Ntp100gps-Ntp-Performance-SNMP	Check the NTP server performances and statut.
HW-Device-Masterclock-Ntp100gps-Uptime-SNMP	Time since the server has been working and available.

7.5.12 Safenet Keysecure (Full catalog)

Template to check Safenet Keysecure servers in SNMP.

Service name	Description
HW-Device-Safenet-Keysecure-Connections-SNMP	Check connections statistics.
HW-Device-Safenet-Keysecure-Cpu-SNMP	Check the rate of utilization of CPU for the machine.
HW-Device-Safenet-Keysecure-Disk-SNMP	Check disk usage.
HW-Device-Safenet-Keysecure-Memory-SNMP	Check the rate of the utilization of memory.
HW-Device-Safenet-Keysecure-Request-Stats-SNMP	Check request statistics.
HW-Device-Safenet-Keysecure-Traffic-Generic-Name-SNMP	Check traffic of an network interface.
HW-Device-Safenet-Keysecure-Traffic-Global-SNMP	Check traffic of multiple network interfaces.

7.5.13 Sun MgmtCard (Limited catalog)

HW-Server-Sun-Alom-TELNET

Template to check Sun server vXXX (v240, v440, v245,...) through ALOM card using Telnet protocol

Service name	Description
HW-Sun-MgmtCard-Showenvironment-TELNET	Check Sun vXXX (v240, v440, v245,...) Hardware (through ALOM).

HW-Server-Sun-Alom4v-SSH

Template to check Sun server (T1xxx, T2xxx) through ALOM4v card using SSH protocol

Service name	Description
HW-Sun-MgmtCard-Showfaults-SSH	Check Sun 'T1xxx', 'T2xxx' and 'T5xxx' Hardware through ALOM4v.

HW-Server-Sun-Ilom-IPMITOOL

Template to check Sun server (x4600, x4500, x4100,...) through ILOM card using IPMI protocol

HW-Server-Sun-Ilom-SSH

Template to check Sun server (T3-x, T4-x, T5xxx) through ILOM card using SSH protocol

Service name	Description
HW-Sun-MgmtCard-Show-Faulty-SSH	Check Sun 'T3-x', 'T4-x' and 'T5xxx' Hardware through ILOM.

HW-Server-Sun-Mseries-SSH

Template to check Sun server Mxxxx (M4000, M5000, M8000,...) through XSCF using SSH protocol

Service name	Description
HW-Sun-MgmtCard-Showstatus-SSH	Check Sun 'Mxxx' Hardware through XSCF.

HW-Server-Sun-Sf2xx-TELNET

Template to check Sun server sf280 through RSC card using Telnet protocol

Service name	Description
HW-Sun-MgmtCard-Environment-Sf2xx-TELNET	Check Sun sf280 Hardware through RSC card.

HW-Server-Sun-Sfxxxx-TELNET

Template to check Sun server sfXXXX (sf6900, sf6800, sf3800,...) through SepApp card using Telnet protocol

Service name	Description
HW-Sun-MgmtCard-Showboards-TELNET	Check Sun SFxxxx (sf6900, sf6800, sf3800,...) Hardware through ScApp.

HW-Server-Sun-V4xx-TELNET

Template to check Sun server v4xx (v490, v480) through RSC card using Telnet protocol

Service name	Description
HW-Sun-MgmtCard-Environment-V4xx-TELNET	Check Sun v480 and v490 Hardware through RSC card.

HW-Server-Sun-V8xx-TELNET

Template to check Sun server v8xx (v890, v880) through RSC card using Telnet protocol

Service name	Description
HW-Sun-MgmtCard-Environment-V8xx-TELNET	Check Sun v890 and v880 Hardware through RSC card.

7.5.14 Sun Mseries (Limited catalog)

Template to check Sun server Mxxxx (M4000, M5000, M8000,...) using SNMP protocol

Service name	Description
HW-Sun-Mseries-Domains-SNMP	Check status of sun domains.
HW-Sun-Mseries-Hardware-SNMP	Check Sun mseries Hardware.

7.5.15 Sun SFxxK (Limited catalog)

Template to check Sun server sfxxk (sf12k, sf15k, sf20k, sf25k) using SSH protocol (no plugins on system controller)

Service name	Description
HW-Sun-Sfxxk-Boards-PSSH	Check Sun 'sfxxk' boards.
HW-Sun-Sfxxk-Environment-PSSH	Check Sun 'sfxxk' environment.
HW-Sun-Sfxxk-Failover-Status-PSSH	Check system controller failover status.

7.5.16 Supermicro (Full catalog)

Template to check Supermicro server using SuperDoctor using SNMP protocol

Service name	Description
HW-Supermicro-Hardware-Global-SNMP	Check hardware of Supermicro Server.

7.6 Network

7.6.1 3com Network (Limited catalog)

Template to check 3com devices using SNMP protocol

Service name	Description
Net-3com-Cpu-SNMP	Check the rate of utilization of CPU for the machine.
Net-3com-Hardware-Global-SNMP	Check hardware.
Net-3com-Memory-SNMP	Check the rate of the utilization of memories.
Net-3com-Traffic-Generic-Id-SNMP	Check traffic of an network interface.
Net-3com-Traffic-Generic-Name-SNMP	Check traffic of an network interface.
Net-3com-Traffic-Global-SNMP	Check traffic of multiple network interfaces.

7.6.2 A10 AX (Full catalog)

Template to check A10 AX equipments using SNMP protocol

Service name	Description
Net-A10-Ax-Cpu-SNMP	Check CPU usage.
Net-A10-Ax-Disk-SNMP	Check memory usage.
Net-A10-Ax-Global-Stats-SNMP	Check global statistics.
Net-A10-Ax-Hardware-SNMP	Check hardware environment.
Net-A10-Ax-Memory-SNMP	Check memory usage.
Net-A10-Ax-Traffic-Global-SNMP	Check traffic of multiple network interfaces.
Net-A10-Ax-Vserver-Usage-SNMP	Check virtual server usage.

7.6.3 Acme Packet (Full catalog)

Template to check Acme Packet Series using SNMP protocol

Service name	Description
Net-Acmepacket-Hardware-SNMP	Check hardware environment.
Net-Acmepacket-Realm-Usage-SNMP	Check realm usage.
Net-Acmepacket-Sip-Usage-SNMP	Check SIP usage.
Net-Acmepacket-System-Usage-SNMP	Check system usage (cpu, memory, license,...).
Net-Acmepacket-Traffic-Global-SNMP	Check system usage (cpu, memory, license,...).

7.6.4 Aerohive (Full catalog)

Template to check Aerohive equipments using SNMP protocol

Service name	Description
Net-Aerohive-Connected-Users-SNMP	Check number of connected users.
Net-Aerohive-Traffic-Global-SNMP	Check traffic of multiple network interfaces.

7.6.5 Alcatel Omniswitch (Full catalog)

Template to check Alcatel OmniSwitch using SNMP protocol

Service name	Description
Net-Alcatel-Omniswitch-Traffic-Global-SNMP	Check traffic of multiple network interfaces.
Net-Alcatel-Omniswitch-Cpu-SNMP	Check CPU usage.
Net-Alcatel-Omniswitch-Flash-Memory-SNMP	Check Flash memory usage.
Net-Alcatel-Omniswitch-Hardware-SNMP	Check hardware state.
Net-Alcatel-Omniswitch-Memory-SNMP	Check memory usage.
Net-Alcatel-Omniswitch-Packet-Errors-Generic-Id-SNMP	Check packets on errors/discards of a network interface.
Net-Alcatel-Omniswitch-Packet-Errors-Generic-Name-SNMP	Check packets on errors/discards of a network interface.
Net-Alcatel-Omniswitch-Packet-Errors-Global-SNMP	Check packets on errors/discards of multiple network interfaces.
Net-Alcatel-Omniswitch-SpanningTree-SNMP	Check Spanning Tree state on interfaces.
Net-Alcatel-Omniswitch-Traffic-Generic-Id-SNMP	Check traffic of an network interface.
Net-Alcatel-Omniswitch-Traffic-Generic-Name-SNMP	Check traffic of an network interface.
Net-Alcatel-Omniswitch-Traffic-Global-SNMP	Check traffic of an network interface.

7.6.6 Arista Switch (Full catalog)

Template to check Arista switch using SNMP protocol

Service name	Description
Net-Arista-Cpu-SNMP	Check the rate of utilization of CPU for the equipment. This check can give the average CPU utilization rate and the rate per CPU for multi-core CPU.
Net-Arista-Memory-SNMP	Check the rate of the utilization of memory (RAM).
Net-Arista-Packet-Errors-Generic-Id-SNMP	Check packets on errors/discards of a network interface.
Net-Arista-Packet-Errors-Generic-Name-SNMP	Check packets on errors/discards of a network interface.
Net-Arista-Packet-Errors-Global-SNMP	Check packets on errors/discards of multiple network interfaces.
Net-Arista-Sensors-SNMP	Check sensors.
Net-Arista-Tcpcon-Generic-SNMP	Check current tcp connections.
Net-Arista-Traffic-Generic-Id-SNMP	Check the bandwidth of the interface. For each checks the name of the interface will appear (« label » shortcut describing the interface).
Net-Arista-Traffic-Generic-Name-SNMP	Check the bandwidth of the interface. For each checks the name of the interface will appear (« label » shortcut describing the interface).
Net-Arista-Traffic-Global-SNMP	Check the bandwidth of interfaces. For each checks the name of the interface will appear (« label » shortcut describing the interface).
Net-Arista-Uptime-SNMP	Time since the equipment has been working and available.

7.6.7 Arkoon (Limited catalog)

Template to check Arkoon firewall using SNMP protocol

Service name	Description
Net-FW-Arkoon-Load-SNMP	Check CPU usage.
Net-FW-Arkoon-Memory-SNMP	Check memory usage.
Net-FW-Arkoon-Packet-Errors-Generic-Name-SNMP	Check packets on errors/discards of a network interface.
Net-FW-Arkoon-Packet-Errors-Global-SNMP	Check packets on errors/discards of multiple network interfaces.
Net-FW-Arkoon-Process-Generic-SNMP	Check Arkoon process/service is working.
Net-FW-Arkoon-Swap-SNMP	Check virtual memory usage (SWAP)
Net-FW-Arkoon-Traffic-Generic-Name-SNMP	Check traffic of an network interface.
Net-FW-Arkoon-Traffic-Global-SNMP	Check traffic of multiple network interfaces.
Net-FW-Arkoon-Uptime-SNMP	Get uptime.

7.6.8 Aruba standard (Limited catalog)

Template to check Aruba devices using SNMP protocol

Service name	Description
Net-Aruba-Standard-Ap-Connections-SNMP	Check AP connections.
Net-Aruba-Standard-Ap-Users-SNMP	Check users connected.
Net-Aruba-Standard-Cpu-SNMP	Check the rate of utilization of CPU for the machine. This check can give the average utilization rate of CPU.
Net-Aruba-Standard-Hardware-Fan-SNMP	Check fan status on hardware.
Net-Aruba-Standard-Hardware-Global-SNMP	Check hardware status ('fan', 'module', 'power supply').
Net-Aruba-Standard-Hardware-Module-SNMP	Check module status on hardware.
Net-Aruba-Standard-Hardware-Psu-SNMP	Check power supply status on hardware.
Net-Aruba-Standard-Memory-SNMP	Check machine memory usage.
Net-Aruba-Standard-Packet-Errors-Generic-Id-SNMP	Check packets on errors/discards of a network interface.
Net-Aruba-Standard-Packet-Errors-Generic-Name-SNMP	Check packets on errors/discards of a network interface.
Net-Aruba-Standard-Packet-Errors-Global-SNMP	Check packets on errors/discards of a network interface.
Net-Aruba-Standard-Storage-SNMP	Check storage device usages.
Net-Aruba-Standard-Traffic-Generic-Id-SNMP	Check traffic of an network interface.
Net-Aruba-Standard-Traffic-Generic-Name-SNMP	Check traffic of an network interface.
Net-Aruba-Standard-Traffic-Global-SNMP	Check traffic of an network interface.

7.6.9 Atrica Roteur (Limited catalog)

Template to check Atrica devices using SNMP protocol

Service name	Description
Net-Atrica-Connections-Generic-Id-SNMP	Check traffic ('cir', 'eir') of an network connection.
Net-Atrica-Connections-Generic-Name-SNMP	Check traffic ('cir', 'eir') of an network connection.
Net-Atrica-Connections-Global-SNMP	Check traffic ('cir', 'eir') of multiple network connections.

7.6.10 BGP Protocol SNMP (Full catalog)

Template to check BGP 4 protocol with standard mib

Service name	Description
App-Protocol-BGP-Peers-State-SNMP	Check state of one or several BGP peer of an equipment.

7.6.11 Bee Ware (Full catalog)

Template to check Beeware series using SNMP protocol

Service name	Description
Net-Beeware-Reverse-Proxy-Usage-SNMP	Check reverse proxy status.

7.6.12 Bluecoat generic (Limited catalog)

Template to check Bluecoat using SNMP protocol

Service name	Description
Net-Bluecoat-Client-Connections-SNMP	Check current client connections on Bluecoat.
Net-Bluecoat-Client-Requests-SNMP	Check current http client requests on Bluecoat.
Net-Bluecoat-Client-Traffic-SNMP	Check bytes/s received/delivered to clients on Bluecoat.
Net-Bluecoat-Cpu-SNMP	Check CPU usage on Bluecoat.
Net-Bluecoat-Disk-SNMP	Check disk usage on Bluecoat.
Net-Bluecoat-Hardware-SNMP	Check hardware sensors on Bluecoat.
Net-Bluecoat-Memory-SNMP	Check memory usage on Bluecoat.
Net-Bluecoat-Server-Connections-SNMP	Check current server connections on Bluecoat.

7.6.13 Brocade Switch (Limited catalog)

Template to check Brocade switch using SNMP protocol

Service name	Description
Net-Brocade-Cpu-SNMP	Check the rate of utilization of CPU for the machine.
Net-Brocade-Hardware-SNMP	Check hardware state.
Net-Brocade-Memory-SNMP	Check memory usage.
Net-Brocade-Packet-Errors-Generic-Name-SNMP	Check packets on errors/discards of a network interface.
Net-Brocade-Packet-Errors-Global-SNMP	Check packets on errors/discards of multiple network interfaces.
Net-Brocade-Traffic-Generic-ID-SNMP	Check the bandwidth of the interface. For each checks the name of the interface will appear ("label" shortcut describing the interface).
Net-Brocade-Traffic-Global-SNMP	Check the bandwidth of interfaces. For each checks the name of the interface will appear ("label" shortcut describing the interface).
Net-brocade-Traffic-Generic-Name-SNMP	Check the bandwidth of the interface. For each checks the name of the interface will appear ("label" shortcut describing the interface).

7.6.14 CheckPoint firewall (Limited catalog)

Template to check Checkpoint firewall using SNMP protocol

Service name	Description
Net-FW-Checkpoint-Connections-SNMP	Check connections number.
Net-FW-Checkpoint-Cpu-SNMP	Check CPU usage.
Net-FW-Checkpoint-HA-State-SNMP	Check HA State.
Net-FW-Checkpoint-Hardware-SNMP	Check hardware components health.
Net-FW-Checkpoint-Memory-SNMP	Check memory usage.
Net-FW-Checkpoint-Traffic-Generic-Name-SNMP	Check traffic of an network interface.
Net-FW-Checkpoint-Traffic-Global-SNMP	Check traffic of multiple network interfaces.
Net-FW-Checkpoint-Vpn-Status-SNMP	Check vpn status.
Net-FW-Checkpoint-Vrrp-Status-SNMP	Check vrrp status.

7.6.15 Cisco ASA (Limited catalog)

Template to check Cisco Asa Firewall using SNMP protocol

Service name	Description
Net-FW-Cisco-Asa-Cpu-SNMP	Check the rate of utilization of CPU for the machine. This check can give the average utilization rate of CPU.
Net-FW-Cisco-Asa-Failover-SNMP	Check failover status.
Net-FW-Cisco-Asa-Ipsec-Tunnel-SNMP	Check IPsec tunnels.
Net-FW-Cisco-Asa-Memory-SNMP	Check machine memory usage.
Net-FW-Cisco-Asa-Packet-Errors-Generic-Id-SNMP	Check packets on errors/discards of a network interface.
Net-FW-Cisco-Asa-Packet-Errors-Generic-Name-SNMP	Check packets on errors/discards of a network interface.
Net-FW-Cisco-Asa-Packet-Errors-Global-SNMP	Check packets on errors/discards of multiple network interfaces.
Net-FW-Cisco-Asa-Sensors-SNMP	Check sensors.
Net-FW-Cisco-Asa-Sessions-SNMP	Check current/average connections.
Net-FW-Cisco-Asa-Traffic-Generic-Id-SNMP	Check traffic of an network interface.
Net-FW-Cisco-Asa-Traffic-Generic-Name-SNMP	Check traffic of an network interface.
Net-FW-Cisco-Asa-Traffic-Global-SNMP	Check traffic of multiple network interfaces.

7.6.16 Cisco IronPort (Limited catalog)

Template to check Cisco Ironport devices using SNMP protocol

Service name	Description
Net-Cisco-Ironport-Cpu-SNMP	Check the rate of utilization of CPU for the machine.
Net-Cisco-Ironport-Hardware-Global-SNMP	Check hardware (raids, power supplies).
Net-Cisco-Ironport-Memory-SNMP	Check memory usage.
Net-Cisco-Ironport-Traffic-Generic-Id-SNMP	Check traffic of an network interface.
Net-Cisco-Ironport-Traffic-Generic-Name-SNMP	Check traffic of an network interface.
Net-Cisco-Ironport-Traffic-Global-SNMP	Check traffic of multiple network interfaces.

7.6.17 Cisco Meraki (Full catalog)

Template to check Cisco Meraki Cloud Controller using SNMP protocol

Service name	Description
Net-Cisco-Meraki-Cloudcontroller-Device-Usage-SNMP	Check access point usage.

7.6.18 Cisco Prime (Limited catalog)

Template to check Cisco Prime through Rest API.

Service name	Description
Net-Cisco-Prime-Ap-Usage-Global-Restapi	Check usage of all access points.

7.6.19 Cisco Small Business (Limited catalog)

Template to check Cisco Smallbusiness using SNMP protocol

Service name	Description
Net-Cisco-Sb-Standard-Cpu-SNMP	Check the rate of utilization of CPU for the machine. This check can give the average utilization rate of CPU.
Net-Cisco-Sb-Standard-Environment-SNMP	Check hardware environment (Fans, Power Supplies).
Net-Cisco-Sb-Standard-Packet-Errors-Generic-Id-SNMP	Check packets on errors/discards of a network interface.
Net-Cisco-Sb-Standard-Packet-Errors-Generic-Name-SNMP	Check packets on errors/discards of a network interface.
Net-Cisco-Sb-Standard-Packet-Errors-Global-SNMP	Check packets on errors/discards of multiple network interfaces.
Net-Cisco-Sb-Standard-SpanningTree-SNMP	Check Spanning Tree state on interfaces.
Net-Cisco-Sb-Standard-Traffic-Generic-Id-SNMP	Check traffic of an network interface.
Net-Cisco-Sb-Standard-Traffic-Generic-Name-SNMP	Check traffic of an network interface.
Net-Cisco-Sb-Standard-Traffic-Global-SNMP	Check traffic of multiple network interfaces.

7.6.20 Cisco Voice Gateway (Limited catalog)

Template to check Cisco Voice Gateway devices using SNMP protocol

Service name	Description
Net-Cisco-Voice-Gateway-Isdn-Usage-Global-SNMP	Check ISDN channel usages.
Net-Cisco-Voice-Gateway-Traffic-Generic-Id-SNMP	Check traffic of an network interface.
Net-Cisco-Voice-Gateway-Traffic-Generic-Name-SNMP	Check traffic of an network interface.
Net-Cisco-Voice-Gateway-Traffic-Global-SNMP	Check traffic of multiple network interfaces.

7.6.21 Cisco WLC (Limited catalog)

Template to check Cisco Wireless Lan Controller using SNMP protocol

Service name	Description
Net-Cisco-Wlc-Ap-Channel-Interference-Global-SNMP	Check channel interferences of all access points.
Net-Cisco-Wlc-Ap-Channel-Noise-Global-SNMP	Check channel noises of all access points.
Net-Cisco-Wlc-Ap-Status-Global-SNMP	Check status of all access points.
Net-Cisco-Wlc-Ap-Users-SNMP	Check total users of all access points.
Net-Cisco-Wlc-Cpu-SNMP	Check CPU usage.
Net-Cisco-Wlc-Hardware-Global-SNMP	Check all hardware (power supplies).
Net-Cisco-Wlc-Memory-SNMP	Check the rate of the utilization of memory (RAM).
Net-Cisco-Wlc-Traffic-Generic-Id-SNMP	Check traffic of an network interface.
Net-Cisco-Wlc-Traffic-Generic-Name-SNMP	Check traffic of an network interface.
Net-Cisco-Wlc-Traffic-Global-SNMP	Check traffic of multiple network interfaces.

7.6.22 Cisco Waas (Limited catalog)

Template to check Cisco Waas using SNMP protocol

Service name	Description
Net-Cisco-WaaS-Tfo-SNMP	Check returning number of TCP connection in passthrough and optimized state with Cisco WaaS tool.

7.6.23 Cisco standard (Free catalog)

Template to check Cisco devices (2800, 2900, 3750, Nexus,...) using SNMP protocol

Service name	Description
Net-Cisco-Standard-Anycast-SNMP	Check traffic types (unicast, broadcast, multicast) of multiple network interfaces.
Net-Cisco-Standard-Cpu-SNMP	Check the rate of utilization of CPU for the machine. This check can give the average utilization rate of CPU.
Net-Cisco-Standard-Environment-SNMP	Check hardware environment (Fans, Power Supplies, Temperatures, Voltages).
Net-Cisco-Standard-Hsrp-SNMP	Check Cisco HSRP status.
Net-Cisco-Standard-Ipsla-SNMP	Check RTT Controls.
Net-Cisco-Standard-Memory-SNMP	Check machine memory usage.
Net-Cisco-Standard-Packet-Errors-Generic-Id-SNMP	Check packets on errors/discards of a network interface.
Net-Cisco-Standard-Packet-Errors-Generic-Name-SNMP	Check packets on errors/discards of a network interface.
Net-Cisco-Standard-Packet-Errors-Global-SNMP	Check packets on errors/discards of multiple network interfaces.
Net-Cisco-Standard-Qos-Usage-SNMP	Check QoS usage.
Net-Cisco-Standard-SpanningTree-SNMP	Check Spanning Tree state on interfaces.
Net-Cisco-Standard-Stack-SNMP	Check Cisco "Stack" state.
Net-Cisco-Standard-Traffic-Generic-Id-SNMP	Check traffic of an network interface.
Net-Cisco-Standard-Traffic-Generic-Name-SNMP	Check traffic of an network interface.
Net-Cisco-Standard-Traffic-Global-SNMP	Check traffic of multiple network interfaces.
Network-Cisco-Volume-Generic-Name-SNMP	Check the bandwidth of the interface. For each checks the name of the interface will appear (« label » shortcut describing the interface).

7.6.24 Citrix Netscaler (Full catalog)

Template to check Citrix Netscaler Series using SNMP protocol

Service name	Description
Net-Citrix-Netscaler-Certificates-Expire-SNMP	Check number of days remaining before the expiration of certificates.
Net-Citrix-Netscaler-Connections-SNMP	Check connections.
Net-Citrix-Netscaler-Cpu-SNMP	Check the rate of utilization of CPU for the machine. This check can give the average utilization rate of CPU.
Net-Citrix-Netscaler-Ha-State-SNMP	Check High Availability Status.
Net-Citrix-Netscaler-Health-SNMP	Check hardware environment (Fanspeed, Power Supplies, Temperatures, Voltages).
Net-Citrix-Netscaler-Memory-SNMP	Check machine memory usage.
Net-Citrix-Netscaler-Storage-SNMP	Check the rate of utilization of storages.
Net-Citrix-Netscaler-Traffic-Generic-Id-SNMP	Check traffic of an network interface.
Net-Citrix-Netscaler-Traffic-Generic-Name-SNMP	Check traffic of an network interface.
Net-Citrix-Netscaler-Traffic-Global-SNMP	Check traffic of multiple network interfaces.
Net-Citrix-Netscaler-Vserver-Status-SNMP	Check vservers status and health.

7.6.25 Cyberoam (Full catalog)

Template to check Cyberoam equipments using SNMP protocol

Service name	Description
Net-Cyberoam-Cpu-SNMP	Check the rate of utilization of CPU for the machine.
Net-Cyberoam-Disks-SNMP	Check storage usage.
Net-Cyberoam-Memory-SNMP	Check the rate of the utilization of memories.
Net-Cyberoam-Requests-SNMP	Check request statistics.
Net-Cyberoam-Services-SNMP	Check services.
Net-Cyberoam-Traffic-Global-SNMP	Check traffic of multiple network interfaces.

7.6.26 D-Link DGS 3100 (Full catalog)

Host Template to check D-Link DGS 3100 devices using SNMP protocol

Service name	Description
Net-Dlink-Dgs3100-Cpu-SNMP	Check the rate of utilization of CPU for the machine. This check can give the average utilization rate of CPU.
Net-Dlink-Dgs3100-Hardware-Global-SNMP	Check hardware.
Net-Dlink-Dgs3100-Traffic-Global-SNMP	Check traffic of multiple network interfaces.

7.6.27 D-Link Network (Limited catalog)

Host Template to check D-Link devices using SNMP protocol

Service name	Description
Net-Dlink-Standard-Cpu-SNMP	Check the rate of utilization of CPU for the machine. This check can give the average utilization rate of CPU.
Net-Dlink-Standard-Hardware-Global-SNMP	Check hardware ('fan', 'power supply').
Net-Dlink-Standard-Traffic-Generic-Id-SNMP	Check traffic of an network interface.
Net-Dlink-Standard-Traffic-Generic-Name-SNMP	Check traffic of an network interface.
Net-Dlink-Standard-Traffic-Global-SNMP	Check traffic of multiple network interfaces.

7.6.28 Dell 6200 SNMP (Full catalog)

Template to check Dell 6200 series using SNMP protocol

Service name	Description
Net-Dell-6200-Cpu-SNMP	Check the rate of utilization of CPU for the machine. This check can give the average utilization rate of CPU.
Net-Dell-6200-Environment-Global-SNMP	Check hardware status ('fan', 'temperature', 'power supply').
Net-Dell-6200-Global-Status-SNMP	Check global status and indicate generic information of the equipment.
Net-Dell-6200-Memory-SNMP	Check equipment memory usage.
Net-Dell-6200-Traffic-Generic-Id-SNMP	Check traffic of an network interface.
Net-Dell-6200-Traffic-Generic-Name-SNMP	Check traffic of an network interface.
Net-Dell-6200-Traffic-Global-SNMP	Check traffic of multiple network interfaces.

7.6.29 Dell N4000 (Limited catalog)

Template to check Dell n4000 series using SNMP protocol

Service name	Description
Net-Dell-n4000-Cpu-Standard	Check the rate of utilization of CPU for the machine. This check can give the average utilization rate of CPU.
Net-Dell-n4000-Environment-Fan-Standard	Check fan status on hardware.
Net-Dell-n4000-Environment-Global-Standard	Check hardware status ('fan', 'temperature', 'power supply').
Net-Dell-n4000-Environment-Psu-Standard	Check power supply status on hardware.
Net-Dell-n4000-Environment-Temperature-Standard	Check temperature sensors of hardware.
Net-Dell-n4000-Global-Status-Standard	Check global status and indicate generic information of the equipment.
Net-Dell-n4000-Memory-Standard	Check equipment memory usage.
Net-Dell-n4000-Traffic-Generic-Id-Standard	Check traffic of an network interface.
Net-Dell-n4000-Traffic-Generic-Name-Standard	Check traffic of an network interface.
Net-Dell-n4000-Traffic-Global-Standard	Check traffic of multiple network interfaces.

7.6.30 Dell S-series (Limited catalog)

Template to check Dell S-Series devices using SNMP protocol

Service name	Description
Net-Dell-Sseries-Cpu-SNMP	Check the rate of utilization of CPU for the machine.
Net-Dell-Sseries-Hardware-Global-SNMP	Check hardware.
Net-Dell-Sseries-Memory-SNMP	Check the rate of the utilization of memories.
Net-Dell-Sseries-Traffic-Generic-Id-SNMP	Check traffic of an network interface.
Net-Dell-Sseries-Traffic-Generic-Name-SNMP	Check traffic of an network interface.
Net-Dell-Sseries-Traffic-Global-SNMP	Check traffic of multiple network interfaces.

7.6.31 Digi Anywhere USB (Limited catalog)

Template to check Digi AnywhereUSB devices using SNMP protocol

Service name	Description
Net-Digi-AnywhereUSB-Cpu-SNMP	Check the rate of utilization of CPU.
Net-Digi-AnywhereUSB-Memory-SNMP	Check the rate of the utilization of memory (RAM).
Net-Digi-AnywhereUSB-Traffic-Global-SNMP	Check traffic of multiple network interfaces.

7.6.32 Digi PortServers TS (Full catalog)

Template to check Digi PortServer TS devices using SNMP protocol

Service name	Description
Net-Digi-Portserverts-Cpu-SNMP	Check the rate of utilization of CPU (between 0 and 255).
Net-Digi-Portserverts-Memory-SNMP	Check the rate of the utilization of memory (RAM).
Net-Digi-Portserverts-Traffic-Global-SNMP	Check traffic of multiple network interfaces.

7.6.33 Digi Sarian (Full catalog)

Template to check Digi Sarian equipments using SNMP protocol

Service name	Description
Net-Digi-Sarian-Cpu-SNMP	Check the rate of utilization of CPU for the machine.
Net-Digi-Sarian-Gprs-SNMP	Check GPRS status.
Net-Digi-Sarian-Memory-SNMP	Check the rate of the utilization of memory.
Net-Digi-Sarian-Temperature-SNMP	Check temperatures.
Net-Digi-Sarian-Traffic-Global-SNMP	Check traffic of multiple network interfaces.

7.6.34 Efficienti IP (Full catalog)

Template to check Efficient IP devices using SNMP protocol

Service name	Description
Net-Efficientip-Dhcp-Usage-SNMP	Check dhcp usage.
Net-Efficientip-Dns-Answers-SNMP	Check dns answers statistics.
Net-Efficientip-Dns-General-SNMP	Check dns general usage.
Net-Efficientip-Dns-Transfer-SNMP	Check DNS transfer requests statistics.
Net-Efficientip-Dns-Usage-SNMP	Check dns usage.
Net-Efficientip-Dnssec-Validation-SNMP	Check DNSSEC Validation Statistics.

7.6.35 Evertz FC7800 (Full catalog)

Template to check Evertz FC7800 devices using SNMP protocol

Service name	Description
Net-Evertz-FC7800-Hardware-Frame-Line-SNMP	Check hardware frameline status.
Net-Evertz-FC7800-Hardware-Global-SNMP	Check hardware status ('psu', 'frameline').
Net-Evertz-FC7800-Hardware-Psu-SNMP	Check hardware psu status.

7.6.36 Extreme Network (Limited catalog)

Template to check Extreme Networks devices using SNMP protocol

Service name	Description
Net-Extreme-Cpu-SNMP	Check the rate of utilization of CPU for the machine.
Net-Extreme-Hardware-Global-SNMP	Check hardware ('fan', 'power supply', 'slot').
Net-Extreme-Memory-SNMP	Check the rate of the utilization of memories.
Net-Extreme-Stack-SNMP	Check stack status.
Net-Extreme-Traffic-Generic-Id-SNMP	Check traffic of an network interface.
Net-Extreme-Traffic-Generic-Name-SNMP	Check traffic of an network interface.
Net-Extreme-Traffic-Global-SNMP	Check traffic of multiple network interfaces.

7.6.37 F5 BigIP (Limited catalog)

Template to check F5 BIG-IP equipments using SNMP protocol

Service name	Description
Net-F5-Bigip-Connections-SNMP	Check current connections.
Net-F5-Bigip-Failover-SNMP	Check failover status.
Net-F5-Bigip-Hardware-Fan-SNMP	Check fan status on hardware.
Net-F5-Bigip-Hardware-Global-SNMP	Check hardware status ('fan', 'temperature', 'power supply').
Net-F5-Bigip-Hardware-Psu-SNMP	Check fan status on hardware.
Net-F5-Bigip-Hardware-Temperature-SNMP	Check hardware temperatures.
Net-F5-Bigip-Node-Status-Global-SNMP	Check nodes status.
Net-F5-Bigip-Pool-Status-Global-SNMP	Check pools status.
Net-F5-Bigip-Tmm-Usage-SNMP	Check TMM usage.
Net-F5-Bigip-Trunk-Usage-SNMP	Check trunks usage.
Net-F5-Bigip-Virtualserver-Status-Global-SNMP	Check virtual servers status.

7.6.38 Fortigate firewall (Limited catalog)

Template to check Fortinet Fortigate using SNMP protocol

Service name	Description
Net-Fortinet-Fortigate-Cluster-Status-SNMP	Check cluster status.
Net-Fortinet-Fortigate-Cpu-SNMP	Check the rate of utilization of CPU for the machine. This check can give the average utilization rate of CPU.
Net-Fortinet-Fortigate-Disk-SNMP	Check system disk usage.
Net-Fortinet-Fortigate-Hardware-SNMP	Check hardware sensors.
Net-Fortinet-Fortigate-Ips-Stats-Global-SNMP	Check virtual domain IPS statistics.
Net-Fortinet-Fortigate-Memory-SNMP	Check memory usage.
Net-Fortinet-Fortigate-Sessions-SNMP	Check current active sessions.
Net-Fortinet-Fortigate-Traffic-Global-SNMP	Check traffic of multiple network interfaces.
Net-Fortinet-Fortigate-Traffic-Id-SNMP	Check traffic of an network interface.
Net-Fortinet-Fortigate-Traffic-Name-SNMP	Check traffic of an network interface.
Net-Fortinet-Fortigate-Virus-Global-SNMP	Check blocked and detected virus on multiple virtual domains.
Net-Fortinet-Fortigate-Virus-Name-SNMP	Check blocked and detected virus on a virtual domain.

7.6.39 Fortinet Fortimanager (Full catalog)

Template to check Fortinet Fortimanager using SNMP protocol

Service name	Description
Net-Fortinet-Fortimanager-Cpu-SNMP	Check the rate of utilization of CPU for the machine.
Net-Fortinet-Fortimanager-Device-Status-SNMP	Check fortinet device status.
Net-Fortinet-Fortimanager-Disk-SNMP	Check disk usage.
Net-Fortinet-Fortimanager-Memory-SNMP	Check memory usage.

7.6.40 Freebox (Full catalog)

Template to check Freebox through Rest API.

Service name	Description
Net-Freebox-Dsl-Usage-RESTAPI	Check DSL usage.
Net-Freebox-Net-Usage-RESTAPI	Check network usage.
Net-Freebox-System-RESTAPI	Check system usage.

7.6.41 FritzBox (Full catalog)

Service name	Description
Net-Fritzbox-Traffic-Global-UPNP	Check traffic of multiple network interfaces.
Net-Fritzbox-UpStatus-UPNP	Checks physical link status, connection status and uptime.

7.6.42 Gorgy NTP Server (Limited catalog)

Template to check Gorgy ntp servers.

Service name	Description
HW-Device-Gorgy-Ntpserver-Global-Status-SNMP	Check global status.
HW-Device-Gorgy-Ntpserver-Traffic-Global-SNMP	Check network traffic.

7.6.43 H3C Network (Limited catalog)

Template to check H3C devices using SNMP protocol

Service name	Description
Net-H3C-Cpu-SNMP	Check the rate of utilization of CPU for the machine.
Net-H3C-Hardware-Global-SNMP	Check hardware.
Net-H3C-Memory-SNMP	Check the rate of the utilization of memories.
Net-H3C-Traffic-Generic-Id-SNMP	Check traffic of an network interface.
Net-H3C-Traffic-Generic-Name-SNMP	Check traffic of an network interface.
Net-H3C-Traffic-Global-SNMP	Check traffic of multiple network interfaces.

7.6.44 HP Procurve (Limited catalog)

Template to check HP Procurve Switches using SNMP protocol

Service name	Description
Net-Hp-Procurve-Cpu-SNMP	Check the rate of utilization of CPU for the machine.
Net-Hp-Procurve-Environment-SNMP	Check hardware environment (Fans, Power Supplies, Temperatures).
Net-Hp-Procurve-Memory-SNMP	Check machine memory usage.
Net-Hp-Procurve-Traffic-Global-SNMP	Check traffic of multiple network interfaces.
Net-Hp-Procurve-Traffic-Id-Generic-SNMP	Check traffic of an network interface.
Net-Hp-Procurve-Traffic-Name-Generic-SNMP	Check traffic of an network interface.

7.6.45 HP Virtual Connect (Limited catalog)

Template to check HP VC (Virtual Connect) Switches using SNMP protocol

Service name	Description
Net-Hp-Vc-Hardware-Global-SNMP	Check hardware.
Net-Hp-Vc-Traffic-Global-SNMP	Check traffic of multiple network interfaces.
Net-Hp-Vc-Traffic-Id-Generic-SNMP	Check traffic of an network interface.
Net-Hp-Vc-Traffic-Name-Generic-SNMP	Check traffic of an network interface.

7.6.46 Hirschmann switch (Limited catalog)

Template to check Hirschmann Switch using SNMP protocol

Service name	Description
Net-Hirschmann-Standard-Cpu-SNMP	Check the rate of utilization of CPU for the device.
Net-Hirschmann-Standard-Hardware-SNMP	Check hardware environment (Fans, Power Supplies, temperatures, LEDs).
Net-Hirschmann-Standard-Memory-SNMP	Check device memory usage.
Net-Hirschmann-Standard-Processes-SNMP	Check process number of device.
Net-Hirschmann-Standard-Traffic-Generic-Id-SNMP	Check traffic of an network interface.
Net-Hirschmann-Standard-Traffic-Generic-Name-SNMP	Check traffic of an network interface.
Net-Hirschmann-Standard-Traffic-Global-SNMP	Check traffic of an network interface.

7.6.47 Huawei (Full catalog)

Template to check Huawei devices using SNMP protocol

Service name	Description
Net-Huawei-Cpu-SNMP	Check the rate of the utilization of CPU.
Net-Huawei-Interfaces-SNMP	Check interfaces.
Net-Huawei-Memory-SNMP	Check the rate of the utilization of memory.
Net-Huawei-Uptime-SNMP	Check uptime.

7.6.48 Juniper EX Series (Limited catalog)

Template to check Juniper Ex using SNMP protocol

Service name	Description
Net-Juniper-Ex-Cpu-Routing	Check CPU Usage of routing engine.
Net-Juniper-Ex-Disk-Generic-Id	Check the rate of free space on the disk (use the ID). Thresholds can be in percentage or in free space remaining.
Net-Juniper-Ex-Disk-Generic-Name	Check the rate of free space on the disk (use the Name. Difficult to use: prefer 'Id' or 'Global' to filter). Thresholds can be in percentage or in free space remaining.
Net-Juniper-Ex-Disk-Global	Check the rate of free space on the disk (use the Name. Difficult to use: prefer 'Id' or 'Global' to filter). Thresholds can be in percentage or in free space remaining.
Net-Juniper-Ex-Hardware	Check hardware.
Net-Juniper-Ex-Memory-Routing	Check Memory Usage of routing engine.
Net-Juniper-Ex-Traffic-Generic-Id	Check the bandwidth of the interface. For each checks the name of the interface will appear ("label" shortcut describing the interface).
Net-Juniper-Ex-Traffic-Generic-Name	Check the bandwidth of the interface. For each checks the name of the interface will appear ("label" shortcut describing the interface).
Net-Juniper-Ex-Traffic-Global	Check the bandwidth of interfaces. For each checks the name of the interface will appear ("label" shortcut describing the interface).

7.6.49 Juniper GGSN (Limited catalog)

Template to check GGSN module of Juniper-Ericsson using SNMP protocol

Service name	Description
Net-Juniper-Ggsn-Apn-Stats-Global-SNMP	Check statistics by APN.
Net-Juniper-Ggsn-Global-Stats-SNMP	Check global statistics (added stats from all APN).

7.6.50 Juniper ISG (Full catalog)

Template to check Juniper ISG Series using SNMP protocol

Service name	Description
Net-Juniper-Isg-Cpu-SNMP	Check the rate of utilization of CPU for the machine.
Net-Juniper-Isg-Hardware-Global-SNMP	Check hardware.
Net-Juniper-Isg-Memory-SNMP	Check the rate of the utilization of memory.
Net-Juniper-Isg-Sessions-SNMP	Check sessions usage and failed sessions.
Net-Juniper-Isg-Traffic-Global-SNMP	Check traffic of multiple network interfaces.

7.6.51 Juniper M-Series (Limited catalog)

Template to check Juniper M Series using SNMP protocol

Service name	Description
Net-Juniper-Mseries-Cpu-Routing	Check CPU Usage of routing engine.
Net-Juniper-Mseries-Disk-Generic-Id	Check the rate of free space on the disk (use the ID). Thresholds can be in percentage or in free space remaining.
Net-Juniper-Mseries-Disk-Generic-Name	Check the rate of free space on the disk (use the Name. Difficult to use: prefer 'Id' or 'Global' to filter). Thresholds can be in percentage or in free space remaining.
Net-Juniper-Mseries-Disk-Global	Check the rate of free space on the disk (use the Name. Difficult to use: prefer 'Id' or 'Global' to filter). Thresholds can be in percentage or in free space remaining.
Net-Juniper-Mseries-Hardware	Check hardware.
Net-Juniper-Mseries-Memory-Routing	Check Memory Usage of routing engine.
Net-Juniper-Mseries-Traffic-Generic-Id	Check the bandwidth of the interface. For each checks the name of the interface will appear (« label » shortcut describing the interface).
Net-Juniper-Mseries-Traffic-Generic-Name	Check the bandwidth of the interface. For each checks the name of the interface will appear (« label » shortcut describing the interface).
Net-Juniper-Mseries-Traffic-Global	Check the bandwidth of interfaces. For each checks the name of the interface will appear (« label » shortcut describing the interface).

7.6.52 Juniper Mag (Limited catalog)

Template to check Juniper MAG using SNMP protocol

Service name	Description
Net-Juniper-MAG-Blade-Temperature-SNMP	Check current blade temperature.
Net-Juniper-MAG-Cpu-SNMP	Check the rate of utilization of CPU for the machine. This check can give the average utilization rate of CPU.
Net-Juniper-MAG-Disk-SNMP	Check disk usage
Net-Juniper-MAG-Logfile-SNMP	Check log file usage.
Net-Juniper-MAG-Memory-SNMP	Check machine memory usage.
Net-Juniper-MAG-Swap-SNMP	Check machine swap usage.
Net-Juniper-MAG-Traffic-Generic-ID-SNMP	Check the bandwidth of the interface. For each checks the name of the interface will appear (« label » shortcut describing the interface).
Net-Juniper-MAG-Traffic-Generic-Name-SNMP	Check the bandwidth of the interface. For each checks the name of the interface will appear (« label » shortcut describing the interface).
Net-Juniper-MAG-Traffic-Global-SNMP	Check the bandwidth of interfaces. For each checks the name of the interface will appear (« label » shortcut describing the interface).
Net-Juniper-MAG-Users-SNMP	Check current connected users.

7.6.53 Juniper SA (Limited catalog)

Template to check Juniper SA using SNMP protocol

Service name	Description
Net-Juniper-SA-Cpu-Detailed-SNMP	Check the rate of utilization of CPU for the machine. This check can give the average utilization rate of CPU.
Net-Juniper-SA-Cpu-SNMP	Check the rate of utilization of CPU for the machine. This check can give the average utilization rate of CPU.
Net-Juniper-SA-Disk-SNMP	Check disk usage.
Net-Juniper-SA-Logfile-SNMP	Check log file usage.
Net-Juniper-SA-Memory-SNMP	Check machine memory usage.
Net-Juniper-SA-Swap-SNMP	Check machine swap usage.
Net-Juniper-SA-Traffic-Generic-ID-SNMP	Check the bandwidth of the interface. For each checks the name of the interface will appear (« label » shortcut describing the interface).
Net-Juniper-SA-Traffic-Generic-Name-SNMP	Check the bandwidth of the interface. For each checks the name of the interface will appear (« label » shortcut describing the interface).
Net-Juniper-SA-Traffic-Global-SNMP	Check the bandwidth of interfaces. For each checks the name of the interface will appear (« label » shortcut describing the interface).
Net-Juniper-SA-Users-SNMP	Check current connected users.

7.6.54 Juniper SRX (Limited catalog)

Template to check Juniper SRX using SNMP protocol

Service name	Description
Net-JuniperSRX-Cp-Sessions	Check CP ('central point') sessions usage.
Net-JuniperSRX-Cpu-Forwarding	Check CPU Usage of packet forwarding engine.
Net-JuniperSRX-Cpu-Routing	Check CPU Usage of routing engine.
Net-JuniperSRX-Disk-Generic-Id	Check the rate of free space on the disk (use the ID). Thresholds can be in percentage or in free space remaining.
Net-JuniperSRX-Disk-Generic-Name	Check the rate of free space on the disk (use the Name. Difficult to use: prefer 'Id' or 'Global' to filter). Thresholds can be in percentage or in free space remaining.
Net-JuniperSRX-Disk-Global	Check the rate of free space on the disk (use the Name. Difficult to use: prefer 'Id' or 'Global' to filter). Thresholds can be in percentage or in free space remaining.
Net-JuniperSRX-Flow-Sessions	Check Packet Forwarding Engine sessions usage.
Net-JuniperSRX-Hardware	Check hardware.
Net-JuniperSRX-Memory-Forwarding	Check Memory Usage of packet forwarding engine.
Net-JuniperSRX-Memory-Routing	Check Memory Usage of routing engine.
Net-JuniperSRX-Traffic-Generic-Id	Check the bandwidth of the interface. For each checks the name of the interface will appear (« label » shortcut describing the interface).
Net-JuniperSRX-Traffic-Generic-Name	Check the bandwidth of the interface. For each checks the name of the interface will appear (« label » shortcut describing the interface).
Net-JuniperSRX-Traffic-Global	Check the bandwidth of interfaces. For each checks the name of the interface will appear (« label » shortcut describing the interface).

7.6.55 Juniper SSG (Limited catalog)

Template to check Juniper SSG using SNMP protocol

Service name	Description
Net-JuniperSSG-Cpu	Check the rate of utilization of CPU for the machine. This check can give the average utilization rate of CPU.
Net-JuniperSSG-Hardware	Check hardware.
Net-JuniperSSG-Memory	Check machine memory usage.
Net-JuniperSSG-Sessions	Check current active sessions.
Net-JuniperSSG-Traffic-Generic-Id	Check the bandwidth of the interface. For each checks the name of the interface will appear (« label » shortcut describing the interface).
Net-JuniperSSG-Traffic-Generic-Name	Check the bandwidth of the interface. For each checks the name of the interface will appear (« label » shortcut describing the interface).
Net-JuniperSSG-Traffic-Global	Check the bandwidth of interfaces. For each checks the name of the interface will appear (« label » shortcut describing the interface).
Net-JuniperSSG-Vpn-Status	Check VPN tunnels status.
Net-JuniperSSG-Vpn-Usage	Check VPN tunnels inbound and outbound traffic.

7.6.56 Juniper Trapeze (Limited catalog)

Template to check Juniper Trapeze using SNMP protocol

Service name	Description
Net-Juniper-Trapeze-Ap-Status-SNMP	Check AP status.
Net-Juniper-Trapeze-Ap-Users-SNMP	Check the number of users (by SSID, by AP).
Net-Juniper-Trapeze-Cpu-SNMP	Check the rate of utilization of CPU for the machine.
Net-Juniper-Trapeze-Memory-SNMP	Check memory usage.

7.6.57 Kemp Loadbalancer (Limited catalog)

Template to check Kemp devices using SNMP protocol

Service name	Description
Net-Kemp-Cpu-Detailed-SNMP	Check the detailed rate of utilization of CPU for the machine. This check can give the average CPU utilization rate and the rate per CPU for multi-core CPU.
Net-Kemp-Ha-Status-SNMP	Check HA status.
Net-Kemp-Load-SNMP	Check the server load average.
Net-Kemp-Memory-SNMP	Check the rate of the utilization of memory (RAM).
Net-Kemp-Realserver-Status-Global-SNMP	Check real servers status.
Net-Kemp-Traffic-Generic-Id-SNMP	Check the bandwidth of the interface. For each checks the name of the interface will appear (« label » shortcut describing the interface).
Net-Kemp-Traffic-Generic-Name-SNMP	Check the bandwidth of the interface. For each checks the name of the interface will appear (« label » shortcut describing the interface).
Net-Kemp-Traffic-Global-SNMP	Check the bandwidth of interfaces. For each checks the name of the interface will appear (« label » shortcut describing the interface).
Net-Kemp-Virtualserver-Status-Global-SNMP	Check virtual servers status.

7.6.58 Moxa Switch (Full catalog)

Template to check Moxa switches using SNMP protocol

Service name	Description
Net-Moxa-Switch-Cpu-SNMP	Check the rate of utilization of CPU.
Net-Moxa-Switch-Memory-SNMP	Check the rate of the utilization of memory.
Net-Moxa-Switch-Traffic-Generic-Id-SNMP	Check the bandwidth of the interface. For each checks the name of the interface will appear (« label » shortcut describing the interface).
Net-Moxa-Switch-Traffic-Generic-Name-SNMP	Check the bandwidth of the interface. For each checks the name of the interface will appear (« label » shortcut describing the interface).
Net-Moxa-Switch-Traffic-Global-SNMP	Check the bandwidth of interfaces. For each checks the name of the interface will appear (« label » shortcut describing the interface).
Net-Moxa-Switch-Uptime-SNMP	Time since the server has been working and available.

7.6.59 NetASQ Network (Limited catalog)

Template to check Netasq devices using SNMP protocol

Service name	Description
Net-Netasq-Cpu-Detailed-SNMP	Check the detailed rate of utilization of CPU for the machine. This check can give the average CPU utilization rate and the rate per CPU for multi-core CPU.
Net-Netasq-Cpu-SNMP	Check the rate of utilization of CPU for the machine. This check can give the average CPU utilization rate and the rate per CPU for multi-core CPU.
Net-Netasq-Disk-Global-SNMP	Check the rate of free space on disks. For each checks the mount point of disks will appear (« label »). Thresholds can be in percentage or in free space remaining.
Net-Netasq-Ha-Status-SNMP	Check HA status.
Net-Netasq-Load-SNMP	Check the server load average.
Net-Netasq-Memory-SNMP	Check the rate of the utilization of memory (RAM).
Net-Netasq-Swap-SNMP	Check virtual memory usage (SWAP)
Net-Netasq-Traffic-Generic-Id-SNMP	Check traffic of an network interface.
Net-Netasq-Traffic-Generic-Name-SNMP	Check traffic of an network interface.
Net-Netasq-Traffic-Global-SNMP	Check traffic of multiple network interfaces.
Net-Netasq-Vpn-Status-SNMP	Check VPN states.

7.6.60 Netscaler MPX 8000 (Limited catalog)

Template to check Citrix Netscaler MPX8000 Series using SNMP protocol

Service name	Description
Net-Citrix-Netscaler-Cpu-Standard	Check the rate of utilization of CPU for the machine. This check can give the average utilization rate of CPU.
Net-Citrix-Netscaler-Ha-State-Standard	Check High Availability Status.
Net-Citrix-Netscaler-Health-Standard	Check hardware environment (Fanspeed, Power Supplies, Temperatures, Voltages).
Net-Citrix-Netscaler-Memory-Standard	Check machine memory usage.
Net-Citrix-Netscaler-Storage-Standard	Check the rate of utilization of storages.
Net-Citrix-Netscaler-Traffic-Generic-Id-Standard	Check traffic of an network interface.
Net-Citrix-Netscaler-Traffic-Generic-Name-Standard	Check traffic of an network interface.
Net-Citrix-Netscaler-Traffic-Global-Standard	Check traffic of multiple network interfaces.
Net-Citrix-Netscaler-Vserver-Status-Generic-Name-Standard	Check a vserver status and health.
Net-Citrix-Netscaler-Vserver-Status-Global-Standard	Check vservers status and health.

7.6.61 Nokia TiMos (Full catalog)

Template to check Nokia TiMOS (SR OS) equipments (7750SR, 7210SAS) using SNMP protocol

Service name	Description
Net-Nokia-Timos-Bgp-Usage-SNMP	Check BGP usage.
Net-Nokia-Timos-Cpu-SNMP	Check the rate of the utilization of CPU.
Net-Nokia-Timos-Hardware-SNMP	Check hardware.
Net-Nokia-Timos-Interfaces-SNMP	Check interfaces.
Net-Nokia-Timos-Isis-Usage-SNMP	Check IS-IS usage.
Net-Nokia-Timos-L2tp-Usage-SNMP	Check L2TP usage.
Net-Nokia-Timos-Ldp-Usage-SNMP	Check LDP usage (Label Distribution Protocol).
Net-Nokia-Timos-Memory-SNMP	Check the rate of the utilization of memory.
Net-Nokia-Timos-Sap-Usage-SNMP	Check SAP usage.
Net-Nokia-Timos-Uptime-SNMP	Check uptime.

7.6.62 Nortel Standard (Limited catalog)

Template to check Nortel devices using SNMP protocol

Service name	Description
Net-Nortel-Standard-Cpu-SNMP	Check the rate of utilization of CPU for the machine. This check can give the average utilization rate of CPU.
Net-Nortel-Standard-Hardware-Global-SNMP	Check hardware status.
Net-Nortel-Standard-Memory-SNMP	Check memory usage.
Net-Nortel-Standard-Packet-Errors-Generic-Id-SNMP	Check packets on errors/discards of a network interface.
Net-Nortel-Standard-Packet-Errors-Generic-Name-SNMP	Check packets on errors/discards of a network interface.
Net-Nortel-Standard-Packet-Errors-Global-SNMP	Check packets on errors/discards of multiple network interfaces.
Net-Nortel-Standard-Traffic-Generic-Id-SNMP	Check traffic of an network interface.
Net-Nortel-Standard-Traffic-Generic-Name-SNMP	Check traffic of an network interface.
Net-Nortel-Standard-Traffic-Global-SNMP	Check traffic of multiple network interfaces.

7.6.63 OneAccess Network (Limited catalog)

Template to check OneAccess devices using SNMP protocol

Service name	Description
Net-Oneaccess-Cpu-SNMP	Check the rate of utilization of CPU for the machine.
Net-Oneaccess-Memory-SNMP	Check the rate of the utilization of memory (RAM).
Net-Oneaccess-Traffic-Generic-Id-SNMP	Check traffic of an network interface.
Net-Oneaccess-Traffic-Generic-Name-SNMP	Check traffic of an network interface.
Net-Oneaccess-Traffic-Global-SNMP	Check traffic of multiple network interfaces.

7.6.64 Oracle Infiniband (Full catalog)

Service name	Description
Net-Oracle-Infiniband-Cpu-Detailed-SNMP	Check the detailed rate of utilization of CPU for the machine. This check can give the average CPU utilization rate and the rate per CPU for multi-core CPU.
Net-Oracle-Infiniband-Hardware-Global-SNMP	Check hardware.
Net-Oracle-Infiniband-Infiniband-Usage-Global-SNMP	Check the bandwidth of infiniband interfaces.
Net-Oracle-Infiniband-Infiniband-Usage-Name-SNMP	Check the bandwidth of infiniband interface.
Net-Oracle-Infiniband-Load-SNMP	Check the server load average.
Net-Oracle-Infiniband-Memory-SNMP	Check the rate of the utilization of memory (RAM).
Net-Oracle-Infiniband-Swap-SNMP	Check virtual memory usage (SWAP)
Net-Oracle-Infiniband-Traffic-Generic-Name-SNMP	Check the bandwidth of the interface. For each checks the name of the interface will appear (Â« label Â» shortcut describing the interface).
Net-Oracle-Infiniband-Traffic-Global-SNMP	Check the bandwidth of interfaces. For each checks the name of the interface will appear (Â« label Â» shortcut describing the interface).

7.6.65 Paloalto firewall (Limited catalog)

Host Template to check Palo Alto Firewall using SNMP protocol

Service name	Description
Net-PaloAlto-Standard-Cluster-Status-SNMP	Check Cluster status.
Net-PaloAlto-Standard-Cpu-SNMP	Check CPU Utilization.
Net-PaloAlto-Standard-Hardware-SNMP	Check hardware components health through standard RFC MIB.
Net-PaloAlto-Standard-Memory-SNMP	Check memory usage.
Net-PaloAlto-Standard-Packet-Errors-Global-SNMP	Check packets on errors/discards of multiple network interfaces.
Net-PaloAlto-Standard-Panorama-SNMP	Check panorama connection status.
Net-PaloAlto-Standard-Sessions-SNMP	Check sessions.
Net-PaloAlto-Standard-Traffic-Generic-Id-SNMP	Check traffic of an network interface.
Net-PaloAlto-Standard-Traffic-Generic-Name-SNMP	Check traffic of an network interface.
Net-PaloAlto-Standard-Traffic-Global-SNMP	Check traffic of an network interface.

7.6.66 Peplink Balance (Full catalog)

Template to check Peplink Balance routers using SNMP protocol

Service name	Description
Net-Peplink-Balance-Cpu-SNMP	Check the rate of utilization of CPU for the equipment. This check can give the average CPU utilization rate and the rate per CPU for multi-core CPU.
Net-Peplink-Balance-Memory-SNMP	Check the rate of the utilization of memory (RAM).
Net-Peplink-Balance-Packet-Errors-Generic-Id-SNMP	Check packets on errors/discards of a network interface.
Net-Peplink-Balance-Packet-Errors-Generic-Name-SNMP	Check packets on errors/discards of a network interface.
Net-Peplink-Balance-Packet-Errors-Global-SNMP	Check packets on errors/discards of multiple network interfaces.
Net-Peplink-Balance-Traffic-Generic-Id-SNMP	Check the bandwidth of the interface. For each checks the name of the interface will appear (« label » shortcut describing the interface).
Net-Peplink-Balance-Traffic-Generic-Name-SNMP	Check the bandwidth of the interface. For each checks the name of the interface will appear (« label » shortcut describing the interface).
Net-Peplink-Balance-Traffic-Global-SNMP	Check the bandwidth of interfaces. For each checks the name of the interface will appear (« label » shortcut describing the interface).

7.6.67 Radware Alteon (Full catalog)

Template to check Radware Alteon using SNMP protocol

Service name	Description
Net-Radware-Alteon-Cpu-SNMP	Check the rate of utilization of CPU for the machine.
Net-Radware-Alteon-Hardware-Global-SNMP	Check hardware.
Net-Radware-Alteon-Memory-SNMP	Check machine memory usage.
Net-Radware-Alteon-Vserver-Status-SNMP	Check vservers status and usage.

7.6.68 Raisecom (Full catalog)

Template to check Raisecom devices using SNMP protocol

Service name	Description
Net-Raisecom-Cpu-SNMP	Check the rate of utilization of CPU for the machine.
Net-Raisecom-Hardware-SNMP	Check hardware environment.
Net-Raisecom-Memory-SNMP	Check memory usage.
Net-Raisecom-Traffic-Global-SNMP	Check traffic of multiple network interfaces.

7.6.69 RedBack Router (Limited catalog)

Template to check Redback devices using SNMP protocol

Service name	Description
Net-Redback-Cpu-SNMP	Check the rate of utilization of CPU for the machine.
Net-Redback-Disk-Usage-Global-SNMP	Check disk usages.
Net-Redback-Hardware-Global-SNMP	Check hardware ('fan', 'power supply', 'temperature', 'voltage', 'disk').
Net-Redback-Memory-SNMP	Check the rate of the utilization of memories.
Net-Redback-Packet-Errors-Generic-Id-SNMP	Check packets on errors/discards of a network interface.
Net-Redback-Packet-Errors-Generic-Name-SNMP	Check packets on errors/discards of a network interface.
Net-Redback-Packet-Errors-Global-SNMP	Check packets on errors/discards of multiple network interfaces.
Net-Redback-Traffic-Generic-Id-SNMP	Check traffic of an network interface.
Net-Redback-Traffic-Generic-Name-SNMP	Check traffic of an network interface.
Net-Redback-Traffic-Global-SNMP	Check traffic of multiple network interfaces.

7.6.70 Riverbed SteelHead (Limited catalog)

Template to check Riverbed Steelhead devices using SNMP protocol

Service name	Description
Net-Riverbed-Steelhead-Bandwidth-Optimization-SNMP	Check total optimized bytes across all application ports.
Net-Riverbed-Steelhead-Bandwidth-Passthrough-SNMP	Check passthrough bandwidth in both directions.
Net-Riverbed-Steelhead-Connections-SNMP	Check connections.
Net-Riverbed-Steelhead-Disk-Utilization-SNMP	Check disk usage.
Net-Riverbed-Steelhead-Health-SNMP	Check the current health of the system.
Net-Riverbed-Steelhead-Load-Average-SNMP	Check system load-average.
Net-Riverbed-Steelhead-Service-Status-SNMP	Check the current status of the optimization service.
Net-Riverbed-Steelhead-Service-Uptime-SNMP	Check uptime of optimization service.
Net-Riverbed-Steelhead-Temperature-SNMP	Check the temperature for the machine.

7.6.71 Ruckus (Full catalog)

Template to check Ruckus AP (Unleashed and ZoneFlex) using SNMP protocol

Service name	Description
Net-Ruckus-Ap-Cpu-SNMP	Check the rate of utilization of CPU for the machine.
Net-Ruckus-Ap-Memory-SNMP	Check memory usage.
Net-Ruckus-Ap-Traffic-Global-SNMP	Check traffic of multiple network interfaces.
Net-Ruckus-Ap-Users-SNMP	Check users connected.

7.6.72 Ruggedcom Network (Limited catalog)

Template to check Ruggedcom devices using SNMP protocol

Service name	Description
Net-Ruggedcom-Errors-SNMP	Check hardware errors.
Net-Ruggedcom-Hardware-Global-SNMP	Check all sensors ('fan', 'power supply').
Net-Ruggedcom-Memory-SNMP	Check the rate of the utilization of memory (RAM).
Net-Ruggedcom-Temperature-SNMP	Check hardware temperature.
Net-Ruggedcom-Traffic-Generic-Id-SNMP	Check the bandwidth of the interface. For each checks the name of the interface will appear (« label » shortcut describing the interface).
Net-Ruggedcom-Traffic-Generic-Name-SNMP	Check the bandwidth of the interface. For each checks the name of the interface will appear (« label » shortcut describing the interface).
Net-Ruggedcom-Traffic-Global-SNMP	Check the bandwidth of the interface. For each checks the name of the interface will appear (« label » shortcut describing the interface).

7.6.73 Silverpeak (Full catalog)

Template to check Silverpeak ECX series using SNMP protocol

Service name	Description
Net-Silverpeak-Alarms-SNMP	Check alarms on Silverpeak appliances.
Net-Silverpeak-OperStatus-SNMP	Check Operational status of a Silverpeak appliance.
Net-Silverpeak-Traffic-Generic-Id-SNMP	Check traffic of an network interface.
Net-Silverpeak-Traffic-Generic-Name-SNMP	Check traffic of an network interface.
Net-Silverpeak-Traffic-Global-SNMP	Check traffic of an network interface.
Net-Silverpeak-Uptime-SNMP	Time since the server has been working and initializing.

7.6.74 Sonicwall (Full catalog)

Template to check Sonicwall firewalls using SNMP

Service name	Description
Net-FW-Sonicwall-Connections-SNMP	Check utilization of connections.
Net-FW-Sonicwall-Cpu-SNMP	Check utilization of CPU.
Net-FW-Sonicwall-Memory-SNMP	Check utilization of memory.
Net-FW-Sonicwall-Vpn-SNMP	Check inbound and outbound traffic on VPN tunnels.

7.6.75 Sophos ES (Full catalog)

Template to check Sophos Email Security devices using SNMP protocol

Service name	Description
Net-Sophos-Es-Health-SNMP	Check health status.
Net-Sophos-Es-Message-SNMP	Check message statistics.

7.6.76 Stonesoft (Limited catalog)

Template to check Stonesoft Firewall using SNMP protocol

Service name	Description
Net-Stonesoft-Cluster-Load-SNMP	Check the load of the cluster.
Net-Stonesoft-Cluster-State-SNMP	Check the state of the cluster.
Net-Stonesoft-Connections-SNMP	Check connections.
Net-Stonesoft-Cpu-SNMP	Check the rate of utilization of CPU.
Net-Stonesoft-Disk-Global-SNMP	Check the rate of utilization on disks.
Net-Stonesoft-Disk-Name-SNMP	Check the rate of utilization on disks.
Net-Stonesoft-Dropped-Packets-SNMP	Check count of dropped packets.
Net-Stonesoft-Memory-SNMP	Check the rate of the utilization of memory.
Net-Stonesoft-Rejected-Packets-SNMP	Check count of rejected packets.
Net-Stonesoft-Traffic-Generic-ID-SNMP	Check the bandwidth of the interface.
Net-Stonesoft-Traffic-Generic-Name-SNMP	Check the bandwidth of the interface.
Net-Stonesoft-Traffic-Global-SNMP	Check the bandwidth of the interface.

7.6.77 Stormshield SNMP (Full catalog)

Template to check Stormshield devices using SNMP protocol

Service name	Description
Net-Stormshield-Cpu-Detailed-SNMP	Check the detailed rate of utilization of CPU for the machine. This check can give the average CPU utilization rate and the rate per CPU for multi-core CPU.
Net-Stormshield-Cpu-SNMP	Check the rate of utilization of CPU for the machine. This check can give the average CPU utilization rate and the rate per CPU for multi-core CPU.
Net-Stormshield-Disk-Global-SNMP	Check the rate of free space on disks. For each checks the mount point of disks will appear (« label »). Thresholds can be in percentage or in free space remaining.
Net-Stormshield-Ha-Status-SNMP	Check HA status.
Net-Stormshield-Load-SNMP	Check the server load average.
Net-Stormshield-Memory-SNMP	Check the rate of the utilization of memory (RAM).
Net-Stormshield-Swap-SNMP	Check virtual memory usage (SWAP)
Net-Stormshield-Traffic-Generic-Id-SNMP	Check traffic of an network interface.
Net-Stormshield-Traffic-Generic-Name-SNMP	Check traffic of an network interface.
Net-Stormshield-Traffic-Global-SNMP	Check traffic of multiple network interfaces.
Net-Stormshield-Vpn-Status-SNMP	Check VPN states.

7.6.78 Traffic Director (Full catalog)

Service name	Description
Net-Oracle-Otd-Vserver-Usage-SNMP	Check vservers usage.

7.6.79 Ucopia (Full catalog)

Template to check Ucopia WLC equipments using SNMP protocol

Service name	Description
Net-Ucopia-Wlc-Temperature-SNMP	Check temperature.
Net-Ucopia-Wlc-Users-SNMP	Check connected users.

7.6.80 Watchguard (Full catalog)

Template to check Watchguard devices using SNMP protocol

Service name	Description
Net-Watchguard-Cpu-SNMP	Check the rate of utilization of CPU for the machine.
Net-Watchguard-Disk-Global-SNMP	Check the rate of free space on disks. For each checks the mount point of disks will appear (« label »). Thresholds can be in percentage or in free space remaining.
Net-Watchguard-Hardware-SNMP	Check hardware environment.
Net-Watchguard-Policy-Usage-SNMP	Check policy usage.
Net-Watchguard-System-SNMP	Check system statistics.
Net-Watchguard-Traffic-Global-SNMP	Check traffic of multiple network interfaces.

7.6.81 Zyxel (Full catalog)

Template to check Zyxel equipments using SNMP protocol

Service name	Description
Net-Zyxel-Cpu-SNMP	Check the rate of utilization of CPU for the machine.
Net-Zyxel-Memory-SNMP	Check the rate of the utilization of memories.
Net-Zyxel-Sessions-SNMP	Check sessions.
Net-Zyxel-Traffic-Generic-Name-SNMP	Check traffic of an network interface.
Net-Zyxel-Traffic-Global-SNMP	Check traffic of multiple network interfaces.
Net-Zyxel-Vpn-Status-SNMP	Check vpn status.

7.6.82 pfSense (Limited catalog)

Service name	Description
Net-FW-Pfsense-Bad-Offset-Packets-SNMP	Check number of packets with bad offset.
Net-FW-Pfsense-Blocked-Packets-Per-Interface-SNMP	Check count of packets blocked on multiple network interfaces.
Net-FW-Pfsense-Fragment-Packets-SNMP	Check number of fragmented packets.
Net-FW-Pfsense-Match-Packets-SNMP	Check number of packets that matched a filter rule.
Net-FW-Pfsense-Memory-Dropped-Packets-SNMP	Check count of packets dropped due to memory limitations.
Net-FW-Pfsense-Normalize-Packets-SNMP	Check number of normalized packets.
Net-FW-Pfsense-Runtime-SNMP	Check how long router has been enabled.
Net-FW-Pfsense-Short-Packets-SNMP	Check number of short packets.

7.7 Operating System

7.7.1 AIX SNMP (Limited catalog)

Template to check AIX server using SNMP protocol

Service name	Description
OS-AIX-Cpu-SNMP	Check the rate of utilization of CPU for the machine. This check can give the average CPU utilization rate and the rate per CPU for multi-core CPU.
OS-AIX-Disk-Generic-Id-SNMP	Check the rate of free space on the disk. For each checks the name of the disk will appear (« label ») rather than the letter assigned. Thresholds can be in percentage or in free space remaining.
OS-AIX-Disk-Generic-Name-SNMP	Check the rate of free space on the disk. For each checks the mount point of the disk will appear (« label »). Thresholds can be in percentage or in free space remaining.
OS-AIX-Disk-Global-SNMP	Check the rate of free space on disks. For each checks the mount point of disks will appear (« label »). Thresholds can be in percentage or in free space remaining.
OS-AIX-Process-Generic-SNMP	Check Linux process/service is working.
OS-AIX-Swap-SNMP	Check virtual memory usage (SWAP)
OS-AIX-Traffic-Generic-Id-SNMP	Check the bandwidth of the interface. For each checks the name of the interface will appear (« label » shortcut describing the interface).
OS-AIX-Traffic-Generic-Name-SNMP	Check the bandwidth of the interface. For each checks the name of the interface will appear (« label » shortcut describing the interface).
OS-AIX-Traffic-Global-SNMP	Check the bandwidth of interfaces. For each checks the name of the interface will appear (« label » shortcut describing the interface).

7.7.2 FreeBSD SNMP (Limited catalog)

Template to check FreeBSD server using SNMP protocol

Service name	Description
OS-FreeBSD-Cpu-SNMP	Check the rate of utilization of CPU for the machine. This check can give the average CPU utilization rate and the rate per CPU for multi-core CPU.
OS-FreeBSD-Disk-Generic-Id-SNMP	Check the rate of free space on the disk. For each checks the name of the disk will appear (« label ») rather than the letter assigned. Thresholds can be in percentage or in free space remaining.
OS-FreeBSD-Disk-Generic-Name-SNMP	Check the rate of free space on the disk. For each checks the mount point of the disk will appear (« label »). Thresholds can be in percentage or in free space remaining.
OS-FreeBSD-Disk-Global-SNMP	Check the rate of free space on disks. For each checks the mount point of disks will appear (« label »). Thresholds can be in percentage or in free space remaining.
OS-FreeBSD-Disk-IO-SNMP	Check access disk of the disk. For each check the name of the disk will appear “label” rather than the letter assigned.
OS-FreeBSD-Load-SNMP	Check the server load average.
OS-FreeBSD-Memory-SNMP	Check the rate of the utilization of memory (RAM).
OS-FreeBSD-Process-Generic-SNMP	Check Unix process/service is working.
OS-FreeBSD-Swap-SNMP	Check virtual memory usage (SWAP)
OS-FreeBSD-Traffic-Generic-Id-SNMP	Check the bandwidth of the interface. For each checks the name of the interface will appear (« label » shortcut describing the interface).
OS-FreeBSD-Traffic-Generic-Name-SNMP	Check the bandwidth of the interface. For each checks the name of the interface will appear (« label » shortcut describing the interface).
OS-FreeBSD-Traffic-Global-SNMP	Check the bandwidth of interfaces. For each checks the name of the interface will appear (« label » shortcut describing the interface).
OS-FreeBSD-Uptime-SNMP	Time since the server has been working and available.
OS-Freebsd-Inodes-Global-SNMP	Check Inodes space usage on partitions.

7.7.3 HP-UX (Limited catalog)

Template to check HP-UX server using SNMP protocol

Service name	Description
OS-Hpux-Cpu-SNMP	Check system CPUs.
OS-Hpux-Load-SNMP	Check the server load average.
OS-Hpux-Memory-SNMP	Check the rate of the utilization of memory (RAM) and swap.
OS-Hpux-Process-Generic-SNMP	Check process.
OS-Hpux-Storage-Global-SNMP	Check the rate of free space on disks. Thresholds can be in percentage or in free space remaining.
OS-Hpux-Uptime-SNMP	Time since the server has been working and available.

7.7.4 IBM AS400 (Full catalog)

Template to check AS/400 server using Centreon-Connector-as400 protocol

Service name	Description
OS-AS400-Connector-Asp1-Usage	Check the occupation rate of ASP1. Report a OK state if the occupation rate is below the threshold WARNING. Report a WARNING state if the occupation rate is above the threshold WARNING. Report a CRITICAL state if the occupation rate is above the threshold CRITICAL.
OS-AS400-Connector-CPU	Check the time during which the CPU AS/400 were used. Report a OK state if the time CPU is below the threshold WARNING. Report a WARNING state if the time CPU pass above the threshold WARNING. Report a CRITICAL state if the time CPU pass above the threshold CRITICAL. It may exceed 100% on the uncapped partition.
OS-AS400-Connector-Disk-State	Check running state of whole physical disks. Physical disk can take statements: no control, active; failed, hardware failure, rebuild, not ready, protected, busy, not operational, unknown state (13 states in total). Report a OK state if all disks are active. Report a CRITICAL state if at least one disk is in different state from active.
OS-AS400-Connector-Disk-Usage	Check occupation rate of physical disk. Report a OK state if the occupation rate is below the threshold WARNING. Report a WARNING state if the occupation rate is above the threshold WARNING. Report a CRITICAL state if the occupation rate is above the threshold CRITICAL.
OS-AS400-Connector-Disk-Usage-Repartition	Compare utilization rate of different physical disks. Calculate the gap between minimum utilization rate and maximum whole physical disks. Report a OK state if the gap is below the threshold WARNING. Report a WARNING state if the gap is above the threshold WARNING. Report a CRITICAL state if the gap is above the threshold CRITICAL.
OS-AS400-Connector-Job-Exist	Check job existence. Indicator don't check is state. Report a OK state if the job exist. Report CRITICAL if the job doesn't exist.
OS-AS400-Connector-Job-Has-No-Msgw	Check job existence. Check job hasn't a MSGW. Report OK state if the job exist. Report CRITICAL state if the job doesn't exist, or job has a MSGW.
OS-AS400-Connector-Job-In-SubSystem	Check job existence. Check job hasn't a MSGW. Report OK state if the job exist. Report CRITICAL state if the job doesn't exist, or job has a MSGW.
OS-AS400-Connector-Job-Queue-Status	Check job queue existence and state. Job queue can take statements RELEASED or HELD. Report a OK state if the job queue is in RELEASED state. Report a CRITICAL state if the job queue is in HELD state or not existing.
OS-AS400-Connector-Job-Queue-Wait-Job-Count	Check the number of job waiting in a job queue ignoring priorities of jobs. Jobs in job queue can take different statements: ACTIVE, HELD or SCHEDULED. Report a OK state if the number of job in HELD state is lower than the threshold WARNING. Report a WARNING state if the number of job in HELD state is above the threshold WARNING. Report a CRITICAL state if the number of job in HELD state is above the threshold CRITICAL.
OS-AS400-Connector-Job-Running-In-SubSystem	Check job existence. Check job hasn't a MSGW. Report OK state if the job exist. Report CRITICAL state if the job doesn't exist, or job has a MSGW.
OS-AS400-Connector-Jobs-Active-Have-No-Msgw	Check job existence. Check job hasn't a MSGW. Report OK state if the job exist. Report CRITICAL state if the job doesn't exist, or job has a MSGW.
OS-AS400-Connector-Jobs-Active-Have-No-Msgw-In-SubSystem	Check job existence. Check job hasn't a MSGW. Report OK state if the job exist. Report CRITICAL state if the job doesn't exist, or job has a MSGW.
OS-AS400-Connector-Message-Queue-Filtered-Size	Check messages queue size. Recover all the message whose the severity is superior or equal to the define arguments. Report a OK stage if the number of message is below the threshold WARNING. Report a WARNING state if the number of message is above the threshold WARNING. Report a CRITICAL state if the number of message is above the threshold CRITICAL.
OS-AS400-Connector-Message-Queue-New-Message	Check messages queue size. Recover all the message whose the severity is superior or equal to the define arguments. Report a OK stage if the number of message is below the threshold WARNING. Report a WARNING state if the number of message is above the threshold WARNING. Report a CRITICAL state if the number of message is above the threshold CRITICAL.
7.7. Operating System	
OS-AS400-Connector-Message-Queue-Size	Check messages queue size. Recover all the message whose the severity is superior or equal to the define arguments. Report a OK stage if the number of message is below the threshold WARNING. Report a WARNING state if the number of message is above the threshold WARNING. Report a CRITICAL state if the number of message is above the threshold CRITICAL.

7.7.5 Linux NRPE (Limited catalog)

Template to check Linux server using NRPE protocol

Service name	Description
OS-Linux-Cmd- Generic-NRPE	Check exit code of linux commands.
OS-Linux-Connections- Generic-NRPE	Check tcp/udp connections.
OS-Linux-Cpu- Detailed-NRPE	Check the detailed rate of utilization of CPU for the machine. This check can give the average CPU utilization rate and the rate per CPU for multi-core CPU.
OS-Linux-Cpu-NRPE	Check the rate of utilization of CPU for the machine. This check can give the average CPU utilization rate and the rate per CPU for multi-core CPU.
OS-Linux-Disk- Generic-Name-NRPE	Check the rate of free space on the disk. For each checks the mount point of the disk will appear (« label »). Thresholds can be in percentage or in free space remaining.
OS-Linux-Disk-Global- NRPE	Check the rate of free space on disks. For each checks the mount point of disks will appear (« label »). Thresholds can be in percentage or in free space remaining.
OS-Linux-Disk-IO- Generic-Name-NRPE	Check I/O counters of a disk.
OS-Linux-Disk-IO- Global-NRPE	Check I/O counters of disks.
OS-Linux-File-Date- Generic-NRPE	Check file or/and directory modification/creation/access times.
OS-Linux-File-Size- Generic-NRPE	Check file or/and directory sizes.
OS-Linux-Inodes- Generic-Name-NRPE	Check the rate of free inodes on the disk.
OS-Linux-Inodes- Global-NRPE	Check the rate of free inodes on disks.
OS-Linux-Is-File- Generic-NRPE	Check if file 'xxx' is present.
OS-Linux-Is-Not-File- Generic-NRPE	Check if file 'xxx' is not present.
OS-Linux-Load-NRPE	Check the server load average.
OS-Linux-Memory- NRPE	Check the rate of the utilization of memory (RAM).
OS-Linux-Packet- Errors-Generic-Name- NRPE	Check packets on errors/discards of a network interface.
OS-Linux-Packet- Errors-Global-NRPE	Check packets on errors/discards of multiple network interfaces.
OS-Linux-Process- Generic-NRPE	Check Linux processes.
OS-Linux-Swap-NRPE	Check virtual memory usage (SWAP)
OS-Linux-Traffic- Generic-Name-NRPE	Check the bandwidth of the interface. For each checks the name of the interface will appear (« label » shortcut describing the interface).
OS-Linux-Traffic- Global-NRPE	Check the bandwidth of interfaces. For each checks the name of the interface will appear (« label » shortcut describing the interface).
OS-Linux-Uptime- NRPE	Time since the server has been working and available.

7.7.6 Linux SNMP (Free catalog)

Template to check Linux server using SNMP protocol

Service name	Description
OS-Linux-Cpu-Detailed-SNMP	Check the detailed rate of utilization of CPU for the machine. This check can give the average CPU utilization rate and the rate per CPU for multi-core CPU.
OS-Linux-Cpu-SNMP	Check the rate of utilization of CPU for the machine. This check can give the average CPU utilization rate and the rate per CPU for multi-core CPU.
OS-Linux-Disk-Generic-Id-SNMP	Check the rate of free space on the disk. For each checks the name of the disk will appear (« label ») rather than the letter assigned. Thresholds can be in percentage or in free space remaining.
OS-Linux-Disk-Generic-Name-SNMP	Check the rate of free space on the disk. For each checks the mount point of the disk will appear (« label »). Thresholds can be in percentage or in free space remaining.
OS-Linux-Disk-Global-SNMP	Check the rate of free space on disks. For each checks the mount point of disks will appear (« label »). Thresholds can be in percentage or in free space remaining.
OS-Linux-Disk-IO-SNMP	Check access disk of the disk. For each check the name of the disk will appear «label» rather than the letter assigned.
OS-Linux-Inodes-Global-SNMP	Check Inodes space usage on partitions.
OS-Linux-Load-SNMP	Check the server load average.
OS-Linux-Memory-SNMP	Check the rate of the utilization of memory (RAM).
OS-Linux-NTP-SNMP	Check the synchronization with an NTP server.
OS-Linux-Process-Generic-SNMP	Check Linux process/service is working.
OS-Linux-Swap-SNMP	Check virtual memory usage (SWAP)
OS-Linux-Tcpcon-Generic-SNMP	Check current tcp connections.
OS-Linux-Traffic-Generic-Id-SNMP	Check the bandwidth of the interface. For each checks the name of the interface will appear (« label » shortcut describing the interface).
OS-Linux-Traffic-Generic-Name-SNMP	Check the bandwidth of the interface. For each checks the name of the interface will appear (« label » shortcut describing the interface).
OS-Linux-Traffic-Global-SNMP	Check the bandwidth of interfaces. For each checks the name of the interface will appear (« label » shortcut describing the interface).
OS-Linux-Uptime-SNMP	Time since the server has been working and available.
Os-Linux-Packet-Errors-Generic-Id-SNMP	Check packets on errors/discards of a network interface.
Os-Linux-Packet-Errors-Generic-Name-SNMP	Check packets on errors/discards of a network interface.
Os-Linux-Packet-Errors-Global-SNMP	Check packets on errors/discards of multiple network interfaces.

7.7.7 Solaris SNMP (Limited catalog)

Template to check Solaris server using SNMP protocol

Service name	Description
OS-Solaris-Cpu-Detailed-SNMP	Check the detailed rate of utilization of CPU for the machine. This check can give the average CPU utilization rate and the rate per CPU for multi-core CPU.
OS-Solaris-Disk-Generic-Id-SNMP	Check the rate of free space on the disk. For each checks the name of the disk will appear (« label ») rather than the letter assigned. Thresholds can be in percentage or in free space remaining.
OS-Solaris-Disk-Generic-Name-SNMP	Check the rate of free space on the disk. For each checks the mount point of the disk will appear (« label »). Thresholds can be in percentage or in free space remaining.
OS-Solaris-Disk-Global-SNMP	Check the rate of free space on disks. For each checks the mount point of disks will appear (« label »). Thresholds can be in percentage or in free space remaining.
OS-Solaris-Load-SNMP	Check the server load average.
OS-Solaris-Process-Generic-SNMP	Check Linux process/service is working.
OS-Solaris-Traffic-Generic-Id-SNMP	Check the bandwidth of the interface. For each checks the name of the interface will appear (« label » shortcut describing the interface).
OS-Solaris-Traffic-Generic-Name-SNMP	Check the bandwidth of the interface. For each checks the name of the interface will appear (« label » shortcut describing the interface).
OS-Solaris-Traffic-Global-SNMP	Check the bandwidth of interfaces. For each checks the name of the interface will appear (« label » shortcut describing the interface).
OS-Solaris-Uptime-SNMP	Time since the server has been working and available.
Os-Solaris-Packet-Errors-Generic-Id-SNMP	Check packets on errors/discards of a network interface.
Os-Solaris-Packet-Errors-Generic-Name-SNMP	Check packets on errors/discards of a network interface.
Os-Solaris-Packet-Errors-Global-SNMP	Check packets on errors/discards of multiple network interfaces.

7.7.8 Windows NRPE (Limited catalog)

Template to check Windows server using NRPE protocol (NSClientpp 0.4.3)

Service name	Description
OS-Windows-Counter-Active-Sessions-NRPE	Check active sessions.
OS-Windows-Counter-Generic-NRPE	Check the content of a performance counter.
OS-Windows-Cpu-NRPE	Check the rate of utilization of CPU for the machine. This check can give the average CPU utilization rate and the rate per CPU for multi-core CPU.
OS-Windows-Disks-NRPE	Check Windows disk usage.
OS-Windows-Eventlog-Generic-NRPE	Check eventlogs errors.
OS-Windows-Files-Generic-NRPE	Check files/directories (size, last access,...).
OS-Windows-Logfiles-Generic-NRPE	Check log files.
OS-Windows-Memory-NRPE	Check the rate of the utilization of memory (RAM)
OS-Windows-Ntp-NRPE	Check the synchronization with an NTP server.
OS-Windows-Process-Generic-NRPE	Checks processes (state, memory size, numbers,...).
OS-Windows-Services-Auto-NRPE	Check that all auto-start services are running.
OS-Windows-Services-Generic-Name-NRPE	Check windows services states.
OS-Windows-Swap-NRPE	Check the rate of the utilization of virtual memory (SWAP)
OS-Windows-Task-Generic-NRPE	Check windows scheduled task.
OS-Windows-Uptime-NRPE	Check windows uptime.

7.7.9 Windows NRPE 0.5 (Limited catalog)

Template to check Windows server using NRPE protocol (NSClientpp 0.5)

Service name	Description
OS-Windows-NSClient05-Counter-Active-Sessions-NRPE	Check active sessions.
OS-Windows-NSClient05-Counter-Generic-NRPE	Check the content of a performance counter.
OS-Windows-NSClient05-Cpu-NRPE	Check the rate of utilization of CPU for the machine. This check can give the average CPU utilization rate and the rate per CPU for multi-core CPU.
OS-Windows-NSClient05-Disks-NRPE	Check Windows disk usage.
OS-Windows-NSClient05-Eventlog-Generic-NRPE	Check eventlogs errors.
OS-Windows-NSClient05-Files-Generic-NRPE	Check files/directories (size, last access,...).
OS-Windows-NSClient05-Logfiles-Generic-NRPE	Check log files.
OS-Windows-NSClient05-Memory-NRPE	Check the rate of the utilization of memory (RAM)
OS-Windows-NSClient05-Ntp-NRPE	Check the synchronization with an NTP server.
OS-Windows-NSClient05-Pending-Reboot-NRPE	Check windows pending reboot.
OS-Windows-NSClient05-Process-Generic-NRPE	Checks processes (state, memory size, numbers,...).
OS-Windows-NSClient05-Remote-Ping-NRPE	Check allowing to perform a ping from the remote host against another equipment.
OS-Windows-NSClient05-Services-Auto-NRPE	Check that all auto-start services are running.
OS-Windows-NSClient05-Services-Generic-Name-NRPE	Check windows services states.
OS-Windows-NSClient05-Sessions-NRPE	Check Windows user sessions.
OS-Windows-NSClient05-Swap-NRPE	Check the rate of the utilization of virtual memory (SWAP)
OS-Windows-NSClient05-Task-Generic-NRPE	Check windows scheduled task.
OS-Windows-NSClient05-Uptime-NRPE	Check windows uptime.

7.7.10 Windows Rest API 0.5 (Full catalog)

Template to check Windows server using Rest API protocol (NSClientpp 0.5)

Service name	Description
OS-Windows-NSClient05-Counter-Active-Sessions-Restapi	Check active sessions.
OS-Windows-NSClient05-Counter-Generic-Restapi	Check the content of a performance counter.
OS-Windows-NSClient05-Cpu-Restapi	Check the rate of utilization of CPU for the machine. This check can give the average CPU utilization rate and the rate per CPU for multi-core CPU.
OS-Windows-NSClient05-Disks-Restapi	Check Windows disk usage.
OS-Windows-NSClient05-Eventlog-Generic-restapi	Check eventlogs errors.
OS-Windows-NSClient05-Files-Generic-Restapi	Check files/directories (size, last access,...).
OS-Windows-NSClient05-Logfiles-Generic-Restapi	Check log files.
OS-Windows-NSClient05-Memory-Restapi	Check the rate of the utilization of memory (RAM)
OS-Windows-NSClient05-Ntp-Restapi	Check the synchronization with an NTP server.
OS-Windows-NSClient05-Pending-Reboot-Restapi	Check windows pending reboot.
OS-Windows-NSClient05-Process-Generic-Restapi	Checks processes (state, memory size, numbers,...).
OS-Windows-NSClient05-Services-Auto-Restapi	Check that all auto-start services are running.
OS-Windows-NSClient05-Services-Generic-Name-Restapi	Check windows services states.
OS-Windows-NSClient05-Sessions-Restapi	Check Windows user sessions.
OS-Windows-NSClient05-Swap-Restapi	Check the rate of the utilization of virtual memory (SWAP)
OS-Windows-NSClient05-Task-Generic-Restapi	Check windows scheduled task.
OS-Windows-NSClient05-Uptime-Restapi	Check windows uptime.

7.7.11 Windows SNMP (Free catalog)

Template to check Windows server using SNMP protocol

Service name	Description
OS-Windows-Cpu-SNMP	Check the rate of utilization of CPU for the machine. This check can give the average CPU utilization rate and the rate per CPU for multi-core CPU.
OS-Windows-Disk-Generic-Id-SNMP	Check the rate of free space on the disk. For each checks the name of the disk will appear (« label ») rather than the letter assigned. Thresholds can be in percentage or in free space remaining.
OS-Windows-Disk-Generic-Name-SNMP	Check the rate of free space on the disk. For each checks the name of the disk will appear (« label ») rather than the letter assigned. Thresholds can be in percentage or in free space remaining.
OS-Windows-Disk-Global-SNMP	Check the rate of free space on the disk. For each checks the name of the disk will appear (« label ») rather than the letter assigned. Thresholds can be in percentage or in free space remaining.
OS-Windows-Memory-SNMP	Check the rate of the utilization of memory (RAM) and the paging file. The paging file is a partial copy of the RAM in the form of file, allowing to release the memory by copying in the file the less used elements.
OS-Windows-Ntp-SNMP	Check the synchronization with an NTP server.
OS-Windows-Process-Generic-SNMP	Check if Windows process are started.
OS-Windows-Service-Generic-SNMP	Check if Windows services are started.
OS-Windows-Swap-SNMP	Check the rate of the utilization of virtual memory (SWAP)
OS-Windows-Traffic-Generic-Id-SNMP	Check the bandwidth of the interface. For each checks the name of the interface will appear (« label » shortcut describing the interface).
OS-Windows-Traffic-Generic-Name-SNMP	Check the bandwidth of the interface. For each checks the name of the interface will appear (« label » shortcut describing the interface).
OS-Windows-Traffic-Global-SNMP	Check the bandwidth of the interface. For each checks the name of the interface will appear (« label » shortcut describing the interface).
OS-Windows-Uptime-SNMP	Check the uptime of the Windows server since the last reboot. It's just an indication with no threshold

7.8 Printer

7.8.1 Printer standard (Free catalog)

Service name	Description
HW-Printer-CoverStatus-Hardware-standard-SNMP	Check Printer cover status based on components present in the “Cover” table of the rfc3805 mib.
HW-Printer-Errors-standard-SNMP	Check errors on printer like paper low or jammed.
HW-Printer-Hardware-standard-SNMP	Check several hardware health indicator through an unique service.
HW-Printer-Impressions-Usage-standard-SNMP	Check the number of impressions between two checks.
HW-Printer-Markersupply-Usage-standard-SNMP	Check marker supply usage.
HW-Printer-PaperTray-Usage-standard-SNMP	Check utilization rate of papertrays.

7.9 Protocol

7.9.1 DHCP Server (Trial catalog)

Template to check a DHCP system

Service name	Description
Infra-DHCP	Check the availability of the DHCP server.

7.9.2 DNS Service (Trial catalog)

Template to check a DNS Server

Service name	Description
App-Protocol-DNS-Request	Check requests to a DNS server.

7.9.3 FTP Server (Trial catalog)

Template to check several things on remote FTP Server

Service name	Description
App-Protocol-FTP-Commands	Check several commands execution on a remote FTP server.
App-Protocol-FTP-Date	Check date of files within a directory or a specific file on a remote FTP Server.
App-Protocol-FTP-FilesCount	Count files on a remote FTP directory (recursive or not).
App-Protocol-FTP-Login	Check connection on a remote FTP server with username and password.

7.9.4 Generic SNMP (Full catalog)

Service name	Description
App-Protocol-SNMP-Numeric-Value	Check allowing to retrieve a digital value from an OID.
App-Protocol-SNMP-String-Value	Check allowing to retrieve a string value from an OID.
App-Protocol-SNMP-Uptime	Check equipment uptime using standard OID.

7.9.5 HTTP Server (Trial catalog)

Template to check an HTTP Server

Service name	Description
App-Protocol-HTTP-Expected-Content	Check the presence of a string in a Webpage.
App-Protocol-HTTP-Json-Content	Check json content.
App-Protocol-HTTP-Response-Time	Check response time of a Wabpage.
App-Protocol-HTTP-Soap-Content	Check soap content.

7.9.6 IMAP Server (Limited catalog)

Template to check an IMAP Server

Service name	Description
App-Protocol-IMAP-Login	Check user connection to an IMAP server.
App-Protocol-IMAP-Search-Message-Generic	Check messages in a mailbox with an IMAP filter.

7.9.7 JMX value (Limited catalog)

7.9.8 LDAP Server (Trial catalog)

Template to check a LDAP Server

Service name	Description
App-Protocol-LDAP-Login	Check login to a LDAP server.
App-Protocol-LDAP-Search	Check search to a LDAP server.

7.9.9 Modbus (Full catalog)

Template to check a Modbus service

Service name	Description
App-Protocol-Modbus-Numeric-Value-Generic	Check Modbus numeric values.

7.9.10 NTP Server (Limited catalog)

Template to check an NTP Server

Service name	Description
App-Protocol-NTP-Offset	Check time offset compared to a NTP server.
App-Protocol-NTP-Response-Time	Check response time of NTP server.

7.9.11 OSPF Protocol (Limited catalog)

Template to check OSPF protocol

Service name	Description
App-Protocol-Ospf-Neighbor	Check OSPF neighbor statuses.

7.9.12 POP Server (Limited catalog)

Template to check a POP system

Service name	Description
Infra-POP	Check the availability of the POP service for a specific address.

7.9.13 Protocol DHCP (Full catalog)

Template to check a DHCP Server.

Service name	Description
App-Protocol-DHCP-Connection	Check connection to a DHCP server.

7.9.14 Protocol SSH (Full catalog)

Template to check a SSH Server

Service name	Description
App-Protocol-Ssh-Login	Check connection on a remote SSH server.

7.9.15 Protocol TCP (Full catalog)

Template to check TCP port

Service name	Description
App-Protocol-Tcp-Response-Time	Check TCP port connection.

7.9.16 Protocol UDP (Full catalog)

Template to check UDP port

Service name	Description
App-Protocol-Udp-Connection	Check UDP port connection.

7.9.17 Radius Service (Full catalog)

Template to check a Radius Server

Service name	Description
App-Protocol-Radius-Login	Check login to a Radius server.

7.9.18 SMTP Server (Limited catalog)

Template to check a SMTP Server

Service name	Description
App-Protocol-SMTP-Login	Check connection to a SMTP server.
App-Protocol-SMTP-Message	Check sending a message to a SMTP server.

7.9.19 Telnet Scenario (Limited catalog)

Template to check several things on remote Telnet Server

Service name	Description
App-Protocol-Telnet-Scenario	Check telnet remote connection with a scenario file.

7.9.20 X509 Certificat (Limited catalog)

Template to check a X509's certificate

Service name	Description
App-Protocol-X509-Expiration	Check expiration date of a X509's certificate.
App-Protocol-X509-Issuer	Check an element of the issuer name of a X509's certificate.
App-Protocol-X509-Subject	Check an element of the subject name of a X509's certificate.

7.10 Sensor

7.10.1 AKCP Sensor (Limited catalog)

Template to check AKCP sensors using SNMP

Service name	Description
HW-Sensors-Akcp-Sensors-Global-SNMP	Check all sensors of equipment.

7.10.2 HWg-STE Sensor (Limited catalog)

Template to check HWg-STE sensors using SNMP protocol

Service name	Description
HW-Sensor-HWgSTE-Sensors-Global-SNMP	Check all sensors of equipment.

7.10.3 Jakarta Sensor (Limited catalog)

Template to check Jakarta sensors using SNMP

Service name	Description
HW-Sensors-Jakarta-Sensors-Global-SNMP	Check all sensors of equipment.

7.10.4 LM Sensors (Limited catalog)

Template to check LM Sensors using SNMP protocol

Service name	Description
App-Lm-Sensors-Fan-SNMP	Check fans sensors.
App-Lm-Sensors-Misc-SNMP	Check misc sensors.
App-Lm-Sensors-Temperature-SNMP	Check temperature sensors.
App-Lm-Sensors-Voltage-SNMP	Check voltage sensors.

7.10.5 Netbotz Sensor (Limited catalog)

Template to check APC NetBotz sensors using SNMP

Service name	Description
HW-Sensors-Netbotz-Sensors-Global-SNMP	Check all sensors of equipment.

7.10.6 Sensor IP (Limited catalog)

Template to check SensorIP equipments using SNMP

Service name	Description
HW-Sensors-Sensorip-Sensors-Global-SNMP	Check all sensors (global status, , temperatures, humidity, switch) of equipment.
HW-Sensors-Sensorip-Sensors-Humidity-SNMP	Check humidity sensors of equipment.
HW-Sensors-Sensorip-Sensors-Sp-SNMP	Check sensor probe status of equipment.
HW-Sensors-Sensorip-Sensors-Switch-SNMP	Check switch sensors of equipment.
HW-Sensors-Sensorip-Sensors-Temperature-SNMP	Check temperature sensors of equipment.

7.10.7 SensorGateway (Limited catalog)

Template to check Sensorgateway equipments using SNMP

Service name	Description
HW-Sensors-Serverscheck-Sensorgateway-Sensors-Global-SNMP	Check all sensors of equipment.

7.10.8 Sensormetrix (Limited catalog)

Template to check Sensormetrix Em01 series using HTTP protocol

Service name	Description
HW-Sensor-Sensormetrix-Em01-Contact	Check contact sensor.
HW-Sensor-Sensormetrix-Em01-Flood	Check flood sensor.
HW-Sensor-Sensormetrix-Em01-Humidity	Check humidity sensor.
HW-Sensor-Sensormetrix-Em01-Illumination	Check illumination sensor.
HW-Sensor-Sensormetrix-Em01-Temperature	Check temperature sensor.
HW-Sensor-Sensormetrix-Em01-Thermistor	Check thermistor temperature sensor.
HW-Sensor-Sensormetrix-Em01-Voltage	Check voltage sensor.

7.11 Storage

7.11.1 Dell Compellent (Limited catalog)

Template to check Dell Compellent Storage using SNMP protocol

Service name	Description
HW-Storage-Dell-Compellent-Hardware-Global-SNMP	Check hardware.
HW-Storage-Dell-Compellent-Traffic-Generic-Id-SNMP	Check traffic of an network interface.
HW-Storage-Dell-Compellent-Traffic-Generic-Name-SNMP	Check traffic of an network interface.
HW-Storage-Dell-Compellent-Traffic-Global-SNMP	Check traffic of multiple network interfaces.

7.11.2 Dell Compellent API (Limited catalog)

Template to check Dell Compellent Storage using 'Compellent Enterprise Manager', 'powershell sdk storage' and NRPE

Service name	Description
HW-Storage-Dell-Compellent-Hba-Usage-NRPE	Check hba usages.
HW-Storage-Dell-Compellent-Volume-Usage-NRPE	Check volume usages.

7.11.3 Dell Equallogic (Limited catalog)

Template to check Dell EqualLogic Storage using SNMP protocol

Service name	Description
HW-Storage-Dell-Equallogic-Array-Stats-Global-SNMP	Check global array statistics.
HW-Storage-Dell-Equallogic-Disk-Usage-Global-SNMP	Check disk usages.
HW-Storage-Dell-Equallogic-Hardware-Global-SNMP	Check hardware ('fan', 'temperature', 'disk', 'raid', 'power supply').
HW-Storage-Dell-Equallogic-Pool-Usage-Global-SNMP	Check pool usages.
HW-Storage-Dell-Equallogic-Traffic-Generic-Id-SNMP	Check traffic of an network interface.
HW-Storage-Dell-Equallogic-Traffic-Generic-Name-SNMP	Check traffic of an network interface.
HW-Storage-Dell-Equallogic-Traffic-Global-SNMP	Check traffic of multiple network interfaces.

7.11.4 Dell FluidFS (Full catalog)

Template to check Dell FluidFS using SNMP protocol

Service name	Description
HW-Storage-Dell-Fluidfs-Components-Global-SNMP	Check components.
HW-Storage-Dell-Fluidfs-Volume-Usage-Global-SNMP	Check volume usages.

7.11.5 Dell MD3000 (Limited catalog)

Template to check Dell MD3000 series using SMcli

Service name	Description
HW-Storage-Dell-MD3000-Health-Status-Cli	Check storage health status.

7.11.6 Dell ML6000 (Limited catalog)

Template to check Dell ML6000 Tape Library using SNMP protocol

Service name	Description
HW-Storage-Dell-ML6000-Hardware-Global-SNMP	Check all hardware (global status, physical drive, subsystems).

7.11.7 Dell TL2000 (Limited catalog)

Template to check Dell TL2000 Tape Library using SNMP protocol

Service name	Description
HW-Storage-Dell-TL2000-GlobalStatus-SNMP	Check global status of the equipment.

7.11.8 EMC Celerra (Full catalog)

Template to check EMC Celerra equipment in SSH.

Service name	Description
HW-Storage-EMC-Celerra-Getreason-SSH	Check control stations and data movers status.

7.11.9 EMC Clariion (Limited catalog)

Template to check EMC Clariion using Navisphere client

Service name	Description
HW-Storage-EMC-Clariion-Cache-Navisphere	Check cache state.
HW-Storage-EMC-Clariion-Controller-Navisphere	Check global controller (busy usage, iops).
HW-Storage-EMC-Clariion-Disks-Navisphere	Check disks status and performances.
HW-Storage-EMC-Clariion-Faults-Navisphere	Check faults on the array.
HW-Storage-EMC-Clariion-Hardware-Global-Navisphere	Check all hardware status (fan, psu, cpu, memory, cable, io module, sp, lcc).
HW-Storage-EMC-Clariion-Hba-State-Navisphere	Check connection state of servers.
HW-Storage-EMC-Clariion-Port-State-Navisphere	Check SP port state.

7.11.10 EMC Data Domain (Limited catalog)

Template to check EMC DataDomain using SNMP

Service name	Description
HW-Storage-EMC-DataDomain-Filesystem-Global-SNMP	Check the rate of free space on filesystems.
HW-Storage-EMC-DataDomain-Hardware-Battery-SNMP	Check nvram batteries of storage.
HW-Storage-EMC-DataDomain-Hardware-Disk-SNMP	Check disks of storage.
HW-Storage-EMC-DataDomain-Hardware-Fan-SNMP	Check fans of storage.
HW-Storage-EMC-DataDomain-Hardware-Global-SNMP	Check all hardware (fans, power supplies, temperatures, disks, nvram batteries) of storage.
HW-Storage-EMC-DataDomain-Hardware-Psu-SNMP	Check power supplies of storage.
HW-Storage-EMC-DataDomain-Replication-SNMP	Check replication status.

7.11.11 EMC Isilon (Limited catalog)

Template to check EMC Isilon using SNMP

Service name	Description
HW-Storage-EMC-Isilon-Cluster-Usage-SNMP	Check cluster usage.
HW-Storage-EMC-Isilon-Hardware-Global-SNMP	Check hardware.

7.11.12 EMC RecoveryPoint (Limited catalog)

Service name	Description
App-Backup-EMC-RecoveryPoint-Monitored-Parameters-SSH	Check monitored parameters by EMC RecoveryPoint appliance.
App-Backup-EMC-RecoveryPoint-System-Status-SSH	Check system status of EMC RecoveryPoint appliance.

7.11.13 EMC Symmetrix API (Full catalog)

HW-Storage-EMC-Symmetrix-Dmx34-NSClient-05-Restapi

Template to check EMC Symmetrix DMX 3 and 4 using NSClient restapi protocol

Service name	Description
HW-Storage-EMC-Symmetrix-Dmx34-Hardware-Global-NSClient05-Restapi	Check hardware components state.
HW-Storage-EMC-Symmetrix-Vmax-Hardware-Global-NSClient05-Restapi	Check hardware components state.

HW-Storage-EMC-Symmetrix-Vmax-NSClient-05-Restapi

Template to check EMC Symmetrix VMAX using NSClient restapi protocol

Service name	Description
HW-Storage-EMC-Symmetrix-Dmx34-Hardware-Global-NSClient05-Restapi	Check hardware components state.
HW-Storage-EMC-Symmetrix-Vmax-Hardware-Global-NSClient05-Restapi	Check hardware components state.

7.11.14 EMC Symmetrix NRPE (Full catalog)

HW-Storage-EMC-Symmetrix-Dmx34-NRPE

Template to check EMC Symmetrix DMX 3 and 4 using NRPE protocol

Service name	Description
HW-Storage-EMC-Symmetrix-Dmx34-Hardware-Global-NRPE	Check hardware components state.
HW-Storage-EMC-Symmetrix-Vmax-Hardware-Global-NRPE	Check hardware components state.

HW-Storage-EMC-Symmetrix-Vmax-NRPE

Template to check EMC Symmetrix VMAX using NRPE protocol

Service name	Description
HW-Storage-EMC-Symmetrix-Dmx34-Hardware-Global-NRPE	Check hardware components state.
HW-Storage-EMC-Symmetrix-Vmax-Hardware-Global-NRPE	Check hardware components state.

7.11.15 EMC Vplex (Limited catalog)

Template to check EMC Vplex using Rest API

Service name	Description
HW-Storage-EMC-Vplex-Cluster-Communication-Restapi	Check cluster communication state.
HW-Storage-EMC-Vplex-Cluster-Devices-Restapi	Check cluster devices health.
HW-Storage-EMC-Vplex-Directors-Restapi	Check directors state.
HW-Storage-EMC-Vplex-Distributed-Devices-Restapi	Check distributed devices.
HW-Storage-EMC-Vplex-Fans-Restapi	Check fan state.
HW-Storage-EMC-Vplex-Psus-Restapi	Check power supplies state.
HW-Storage-EMC-Vplex-Storage-Volumes-Restapi	Check cluster storage volume health.

7.11.16 EMC Xtremio (Limited catalog)

Template to check EMC Xtremio using Rest API

Service name	Description
HW-Storage-EMC-Xtremio-Cluster-Health-Restapi	Check cluster state.
HW-Storage-EMC-Xtremio-SSDs-Endurance-Restapi	Check SSDs life remaining in percent .
HW-Storage-EMC-Xtremio-SSDs-Iops-Restapi	Check Iops on SSDs disks.
HW-Storage-EMC-Xtremio-XenVS-CPU-Restapi	Check XenVS CPU usage.
HW-Storage-EMC-Xtremio-XenVS-State-Restapi	Check XenVS State.

7.11.17 Exagrid (Full catalog)

Template to check Exagrid Storage using SNMP protocol

Service name	Description
HW-Storage-Exagrid-Server-Usage-SNMP	Check server status and usage.

7.11.18 Fujitsu Eternus DX (Limited catalog)

Template to check Fujitsu storage bay

Service name	Description
HW-Storage-Fujitsu-Eternus-DX-SSH-Cpu	Check the rate of utilization of CPU of the bay.
HW-Storage-Fujitsu-Eternus-DX-SSH-Physical-Disk	Check the state of the disks.
HW-Storage-Fujitsu-Eternus-DX-SSH-Port-Stats	Check the state of the ports.
HW-Storage-Fujitsu-Eternus-DX-SSH-Psu	Check the state of the power supply.
HW-Storage-Fujitsu-Eternus-DX-SSH-Raid-Groups	Check the disks capacity.
HW-Storage-Fujitsu-Eternus-DX-SSH-Stats	Check global health of the bay.

7.11.19 HP 3PAR 7000 (Limited catalog)

Template to check HP 3par 7000 series storage arrays using SSH protocol

Service name	Description
HW-Storage-HP-3par-7000-Battery-SSH	Check battery status.
HW-Storage-HP-3par-7000-CIM-SSH	Check CIM service status.
HW-Storage-HP-3par-7000-Disk-Global-SSH	Check used space on physical disks.
HW-Storage-HP-3par-7000-Disk-Id-SSH	Check used space on physical disk.
HW-Storage-HP-3par-7000-ISCSI-SSH	Check ISCSI mount points.
HW-Storage-HP-3par-7000-Node-SSH	Check nodes state.
HW-Storage-HP-3par-7000-Physical-Disk-SSH	Check physical disks state.
HW-Storage-HP-3par-7000-Psu-SSH	Check power supplies state.
HW-Storage-HP-3par-7000-Temperature-SSH	Check temperature on several sensors.
HW-Storage-HP-3par-7000-Volume-Global-SSH	Check used space on volumes.
HW-Storage-HP-3par-7000-Volume-Id-SSH	Check used space on a volume.
HW-Storage-HP-3par-7000-Volume-Name-SSH	Check used space on a volume.
HW-Storage-HP-3par-7000-WSAPI-SSH	Check WSAPI service status.

7.11.20 HP EVA (Full catalog)

Template to check HP Eva series using SSSU cli

Service name	Description
HW-Storage-Hp-Eva-Hardware-Cli	Check hardware.
HW-Storage-Hp-Eva-Storage-Usage	Check storage usage.

7.11.21 HP Lefthand (Full catalog)

Template to check HP Lefthand using SNMP protocol

Service name	Description
HW-Storage-Hp-Lefthand-Hardware-Global-SNMP	Check all hardware.
HW-Storage-Hp-Lefthand-Volume-Usage-Global-SNMP	Check volume usages.

7.11.22 HP MSA2000 (Limited catalog)

Template to check HP MSA2000 using SNMP protocol

Service name	Description
HW-Storage-Hp-Msa2000-Hardware	Check hardware state.
HW-Storage-Hp-Msa2000-Traffic-Generic-Id	Check traffic of a network interface.
HW-Storage-Hp-Msa2000-Traffic-Generic-Name	Check traffic of a network interface.
HW-Storage-Hp-Msa2000-Traffic-Global	Check traffic of multiple network interfaces.

7.11.23 HP MSL (Full catalog)

Template to check HP StoreEver MSL using SNMP protocol

Service name	Description
HW-Storage-Hp-Msl-Hardware-Global-SNMP	Check hardware.

7.11.24 HP P2000 (Limited catalog)

Template to check HP P2000 using XML API

Service name	Description
HW-Storage-Hp-P2000-Health-Xmlapi	Check health state.
HW-Storage-Hp-P2000-Volume-Stats-Global-Xmlapi	Check volumes statistics.
HW-Storage-Hp-P2000-Volume-Stats-Name-Xmlapi	Check volume statistics.

7.11.25 HP StoreOnce (Limited catalog)

Template to check HP Storeonce through Rest API.

Service name	Description
HW-Storage-Hp-Storeonce-Cluster-Usage-Restapi	Check cluster status.
HW-Storage-Hp-Storeonce-Fcs-Usage-Restapi	Check federated catalyst store usage.
HW-Storage-Hp-Storeonce-Nas-Usage-Restapi	Check NAS usage.
HW-Storage-Hp-Storeonce-Serviceset-Usage-Restapi	Check service set usage.

7.11.26 HP StoreOnce SSH (Limited catalog)

Template to check HP Storeonce in SSH.

Service name	Description
HW-Storage-Hp-Storeonce-Components-SSH	Check components.

7.11.27 Hitachi NAS (Limited catalog)

Template to check Hitachi HNAS using SNMP protocol

Service name	Description
HW-Storage-Hitachi-Hnas-Cluster-Status-SNMP	Check cluster nodes status.
HW-Storage-Hitachi-Hnas-Hardware-Global-SNMP	Check all hardware.
HW-Storage-Hitachi-Hnas-Traffic-Generic-Id-SNMP	Check traffic of an network interface.
HW-Storage-Hitachi-Hnas-Traffic-Generic-Name-SNMP	Check traffic of an network interface.
HW-Storage-Hitachi-Hnas-Traffic-Global-SNMP	Check traffic of multiple network interfaces.
HW-Storage-Hitachi-Hnas-Volume-Usage-Global-SNMP	Check volume usages.

7.11.28 Hitachi Standard (Limited catalog)

Template to check Hitachi Data Systems (9990, df600,...) using SNMP protocol

Service name	Description
HW-Storage-Hitachi-Standard-Hardware-Global-SNMP	Check all hardware.

7.11.29 IBM DS3000 (Limited catalog)

Template to check IBM DS3000 series using SMcli

Service name	Description
HW-Storage-IBM-DS3000-Health-Status-Cli	Check storage health status.

7.11.30 IBM DS4000 (Limited catalog)

Template to check IBM DS4000 series using SMcli

Service name	Description
HW-Storage-IBM-DS4000-Health-Status-Cli	Check storage health status.

7.11.31 IBM DS5000 (Limited catalog)

Template to check IBM DS5000 series using SMcli

Service name	Description
HW-Storage-IBM-DS5000-Health-Status-Cli	Check storage health status.

7.11.32 IBM FlashSystem 900 (Full catalog)

Template to check IBM FlashSystem 900 using SNMP protocol

Service name	Description
HW-Storage-IBM-FS900-Arrays-Status-SNMP	Check arrays status.
HW-Storage-IBM-FS900-Arrays-Usage-SNMP	Check arrays usage.
HW-Storage-IBM-FS900-FC-Usage-SNMP	Check fibre channels usage.
HW-Storage-IBM-FS900-Hardware-Global-SNMP	Check all hardware.

7.11.33 IBM Storwize (Limited catalog)

Template to check IBM Storwize (v3700, v5000, v7000, SAN Volume Controller) in SSH.

Service name	Description
HW-Storage-IBM-Storwize-Components-SSH	Check components (disks, port fc, node,...).
HW-Storage-IBM-Storwize-Eventlog-SSH	Check eventlogs.
HW-Storage-IBM-Storwize-Pool-Usage-Global-SSH	Check pool usages.

7.11.34 IBM TS3100 (Limited catalog)

Template to check IBM TS3100 Tape Library using SNMP protocol

Service name	Description
HW-Storage-IBM-TS3100-GlobalStatus-SNMP	Check global status of the equipment.

7.11.35 IBM TS3200 (Limited catalog)

Template to check IBM TS3200 Tape Library using SNMP protocol

Service name	Description
HW-Storage-IBM-TS3200-GlobalStatus-SNMP	Check global status of the equipment.

7.11.36 IBM TS3500 (Full catalog)

Template to check IBM TS3500 using SNMP protocol

Service name	Description
HW-Storage-IBM-Ts3500-Hardware-Global-SNMP	Check all hardware.

7.11.37 Lenovo S Series (Full catalog)

Template to check Lenovo Storage S Series (S2200 and S3200) using SNMP protocol

Service name	Description
HW-Storage-Lenovo-Sseries-Hardware-SNMP	Check hardware.
HW-Storage-Lenovo-Sseries-Traffic-Global-SNMP	Check traffic of multiple network interfaces.

7.11.38 NetApp (Limited catalog)

Template to check Netapp Storage using SNMP protocol

Service name	Description
HW-Storage-NetApp-Aggregate-State-Global-SNMP	Check state of one or several aggregates.
HW-Storage-NetApp-Cache-Age-SNMP	Check age in minutes of the oldest read-only blocks in the buffer cache.
HW-Storage-NetApp-Cp-Statistics-SNMP	Check consistency point metrics.
HW-Storage-NetApp-Cpu-Load-SNMP	Check CPU usage.
HW-Storage-NetApp-Disk-failed-SNMP	Check the current number of disk broken.
HW-Storage-NetApp-Fan-SNMP	Check if fans are failed.
HW-Storage-NetApp-File-System-Global-SNMP	Check filesystem usage.
HW-Storage-NetApp-Global-status-SNMP	Check the overall status of the appliance.
HW-Storage-NetApp-Ndmpsessions-SNMP	Check current total of ndmp sessions opened.
HW-Storage-NetApp-Nvram-SNMP	Check current status of the NVRAM batteries.
HW-Storage-NetApp-Partner-Status-SNMP	Check status of clustered failover partner.
HW-Storage-NetApp-Psu-SNMP	Check if power supplies are failed.
HW-Storage-NetApp-Qtree-Usage-Global-SNMP	Check qtree quota usages.
HW-Storage-NetApp-Share-Calls-SNMP	Check cifs and nfs calls per seconds.
HW-Storage-NetApp-Shelf-SNMP	Check Shelves hardware.
HW-Storage-NetApp-Snapshot-Age-Global-SNMP	Check snapshot age of volumes.
HW-Storage-NetApp-Snapshot-Age-Name-SNMP	Check snapshot age of volumes.
HW-Storage-NetApp-Temperature-SNMP	Check if hardware is currently operating outside of its recommended temperature range.
HW-Storage-NetApp-Volume-Options-Generic-SNMP	Check options from volumes.

7.11.39 NetApp Restapi (Full catalog)

Template to check Netapp Storage using OnCommand API

Service name	Description
HW-Storage-NetApp-Aggregate-Raid-Status-Global-Restapi	Check raid state of one or several aggregates.
HW-Storage-NetApp-Aggregate-Status-Global-Restapi	Check state of one or several aggregates.
HW-Storage-NetApp-Aggregate-Usage-Global-Restapi	Check usage of one or several aggregates.
HW-Storage-NetApp-Cluster-Io-Global-Restapi	Check IO usage of one or several cluster.
HW-Storage-NetApp-Cluster-Status-Global-Restapi	Check status of one or several cluster.
HW-Storage-NetApp-Cluster-Usage-Global-Restapi	Check usage of one or several cluster.
HW-Storage-NetApp-Disk-Failed-Restapi	Check number of failed and pre-failed disks.
HW-Storage-NetApp-Disk-Spare-Restapi	Check number of spare disks and their state.
HW-Storage-NetApp-FC-Port-Status-Global-Restapi	Check status of one or several FC port.
HW-Storage-NetApp-Lun-Alignment-Restapi	Check LUNs alignment problem.
HW-Storage-NetApp-Lun-Online-Restapi	Check LUNs connection state.
HW-Storage-NetApp-Lun-Usage-Global-Restapi	Check LUNs usage.
HW-Storage-NetApp-Node-Failover-Status-Global-Restapi	Check failover state of one or several nodes.
HW-Storage-NetApp-Node-Hardware-Status-Global-Restapi	Check hardware state of one or several nodes.
HW-Storage-NetApp-Qtree-Status-Global-Restapi	Check state of one or several qtrees.
HW-Storage-NetApp-Snapmirror-Status-Global-Restapi	Check state of one or several snapmirror.
HW-Storage-NetApp-Snapmirror-Usage-Global-Restapi	Check performances of one or several snapmirror.
HW-Storage-NetApp-Volume-Io-Global-Restapi	Check performances of one or several volume.
HW-Storage-NetApp-Volume-Status-Global-Restapi	Check status of one or several volume.
HW-Storage-NetApp-Volume-Usage-Global-Restapi	Check usage of one or several volume.

7.11.40 Nimble Storage (Limited catalog)

Template to check Nimble Storage using SNMP protocol

Service name	Description
HW-Storage-Nimble-Global-Stats-SNMP	Check global storage statistics (IOPs, latency,...).
HW-Storage-Nimble-Volume-Usage-Global-SNMP	Check volume usages.

7.11.41 Oracle ZS (Full catalog)

Template to check Oracle ZFS Storage ZS appliances using SNMP protocol

Service name	Description
HW-Storage-Oracle-Zs-Hardware-Global-SNMP	Check modules.
HW-Storage-Oracle-Zs-Share-Usage-SNMP	Check share usages.
HW-Storage-Oracle-Zs-Traffic-Generic-Name-SNMP	Check traffic of an network interface.
HW-Storage-Oracle-Zs-Traffic-Global-SNMP	Check traffic of multiple network interfaces.

7.11.42 Overland Neo (Limited catalog)

Template to check Overland Neo Series using SNMP protocol

Service name	Description
HW-Storage-Overland-Neo-Eventlog-SNMP	Check eventlogs.
HW-Storage-Overland-Neo-Hardware-Global-SNMP	Check hardware.

7.11.43 Panzura (Limited catalog)

Template to check Panzura hardware using SNMP

Service name	Description
HW-Storage-Panzura-Cpu-Cloud-SNMP	Check usage of cloud controller CPU.
HW-Storage-Panzura-Cpu-Detailed-SNMP	Check the detailed rate of utilization of CPU for the machine.
HW-Storage-Panzura-Disk-Io-Generic-Name-SNMP	Check access disk of the disk. For each check the name of the disk will appear "label" rather than the letter assigned.
HW-Storage-Panzura-Disk-Io-Global-SNMP	Check access disk of disks
HW-Storage-Panzura-Disk-Usage-Cloud-Generic-Name-SNMP	Check cloud disk usage.
HW-Storage-Panzura-Disk-Usage-Cloud-Global-SNMP	Check cloud disk usages.
HW-Storage-Panzura-Disk-Usage-Local-SNMP	Check local disk usage.
HW-Storage-Panzura-Load-SNMP	Check the server load average.
HW-Storage-Panzura-Memory-SNMP	Check the rate of the utilization of memory (RAM).
HW-Storage-Panzura-Packet-Errors-Generic-Id-SNMP	Check packets on errors/discards of a network interface.
HW-Storage-Panzura-Packet-Errors-Generic-Name-SNMP	Check packets on errors/discards of a network interface.
HW-Storage-Panzura-Packet-Errors-Global-SNMP	Check packets on errors/discards of multiple network interfaces.
HW-Storage-Panzura-Ratios-SNMP	Check deduplication, compression and save ratios.
HW-Storage-Panzura-Swap-SNMP	Check virtual memory usage (SWAP)
HW-Storage-Panzura-Traffic-Generic-Id-SNMP	Check traffic of an network interface.
HW-Storage-Panzura-Traffic-Generic-Name-SNMP	Check traffic of an network interface.
HW-Storage-Panzura-Traffic-Global-SNMP	Check traffic of multiple network interfaces.

7.11.44 QSAN NAS (Full catalog)

Template to check QSAN Nas using SNMP protocol

Service name	Description
HW-Storage-Qsan-Nas-Hardware-Global-SNMP	Check hardware.

7.11.45 Qnap (Limited catalog)

Template to check Qnap Storage using SNMP protocol

Service name	Description
HW-Storage-Qnap-Cpu-SNMP	Check the rate of utilization of CPU for the machine. This check can give the average CPU utilization rate and the rate per CPU for multi-core CPU.
HW-Storage-Qnap-Disk-Global-SNMP	Check the rate of free space on disks. For each checks the mount point of disks will appear (« label »). Thresholds can be in percentage or in free space remaining.
HW-Storage-Qnap-Hardware-Global-SNMP	Check hardware ('fan', 'temperature', 'disk').
HW-Storage-Qnap-Memory-SNMP	Check the memory usage.
HW-Storage-Qnap-Traffic-Generic-Id-SNMP	Check traffic of an network interface.
HW-Storage-Qnap-Traffic-Generic-Name-SNMP	Check traffic of an network interface.
HW-Storage-Qnap-Traffic-Global-SNMP	Check traffic of multiple network interfaces.
HW-Storage-Qnap-Volume-Usage-Global-SNMP	Check volume usages.

7.11.46 Quantum Scalar (Limited catalog)

Template to check Quantum Scalar Tape Library using SNMP protocol

Service name	Description
HW-Storage-Quantum-Scalar-Hardware-Global-SNMP	Check all hardware.

7.11.47 Storagetek SL (Limited catalog)

Template to check StorageTek SL (SL150, SL500,...) using SNMP protocol

Service name	Description
HW-Storage-Storagetek-SI-Hardware-Global-SNMP	Check all hardware.

7.11.48 Synology (Limited catalog)

Template to check Synology Storage using SNMP protocol

Service name	Description
HW-Storage-Synology-Cpu-SNMP	Check the rate of utilization of CPU for the machine. This check can give the average CPU utilization rate and the rate per CPU for multi-core CPU.
HW-Storage-Synology-Disk-Global-SNMP	Check the rate of free space on disks. For each checks the mount point of disks will appear (« label »). Thresholds can be in percentage or in free space remaining.
HW-Storage-Synology-Hardware-Global-SNMP	Check hardware ('fan', 'temperature', 'disk', 'raid', 'alimentation').
HW-Storage-Synology-Load-SNMP	Check the server load average.
HW-Storage-Synology-Memory-SNMP	Check the memory usage.
HW-Storage-Synology-Temperature-SNMP	Check temperature.
HW-Storage-Synology-Traffic-Generic-Id-SNMP	Check traffic of an network interface.
HW-Storage-Synology-Traffic-Generic-Name-SNMP	Check traffic of an network interface.
HW-Storage-Synology-Traffic-Global-SNMP	Check traffic of multiple network interfaces.
HW-Storage-Synology-Ups-SNMP	Check estimated battery life time.

7.11.49 Violin Memory 3000 (Limited catalog)

Template to check Violin 3000 using SNMP

Service name	Description
HW-Storage-Violin-3000-Hardware-Chassis-Alarm-SNMP	Check chassis alarm of storage.
HW-Storage-Violin-3000-Hardware-Fan-SNMP	Check fans of storage.
HW-Storage-Violin-3000-Hardware-Global-Fc-SNMP	Check global fc of storage.
HW-Storage-Violin-3000-Hardware-Global-SNMP	Check all hardware (Fans, Power Supplies, Temperatures, Chassis alarm, vimm, global fc, local fc) of storage.
HW-Storage-Violin-3000-Hardware-Local-Fc-SNMP	Check local fc of storage.
HW-Storage-Violin-3000-Hardware-Psu-SNMP	Check power supplies of storage.
HW-Storage-Violin-3000-Hardware-Temperature-SNMP	Check temperatures of storage.
HW-Storage-Violin-3000-Hardware-Vimm-SNMP	Check vimm of storage.

7.12 Tolp-VoIP

7.12.1 Alcatel OXE (Limited catalog)

Template to check Alcatel OXE server using SNMP protocol

Service name	Description
HW-Telephony-Alcatel-OXE-Cpu-SNMP	Check the rate of utilization of CPU for the machine. This check can give the average CPU utilization rate and the rate per CPU for multi-core CPU.
HW-Telephony-Alcatel-OXE-Disk-Generic-Id-SNMP	Check the rate of free space on the disk. For each checks the name of the disk will appear (« label ») rather than the letter assigned. Thresholds can be in percentage or in free space remaining.
HW-Telephony-Alcatel-OXE-Disk-Generic-Name-SNMP	Check the rate of free space on the disk. For each checks the mount point of the disk will appear (« label »). Thresholds can be in percentage or in free space remaining.
HW-Telephony-Alcatel-OXE-Disk-Global-SNMP	Check the rate of free space on disks. For each checks the mount point of disks will appear (« label »). Thresholds can be in percentage or in free space remaining.
HW-Telephony-Alcatel-OXE-Domain-Usage-SNMP	Check the number of external calls by domain using SNMP
HW-Telephony-Alcatel-OXE-Memory-SNMP	Check the rate of the utilization of memory (RAM).
HW-Telephony-Alcatel-OXE-State-SNMP	Check the server state.
HW-Telephony-Alcatel-OXE-Swap-SNMP	Check virtual memory usage (SWAP)

7.12.2 AudioCodes (Full catalog)

Template to check AudioCodes Series using SNMP protocol

Service name	Description
Net-Audiocodes-Cpu-SNMP	Check the rate of utilization of CPU for the machine.
Net-Audiocodes-Hardware-SNMP	Check hardware environment.
Net-Audiocodes-Memory-SNMP	Check machine memory usage.
Net-Audiocodes-Traffic-Generic-Name-SNMP	Check traffic of a network interface.
Net-Audiocodes-Traffic-Global-SNMP	Check traffic of multiple network interfaces.
Net-Audiocodes-Trunk-Status-SNMP	Check trunk status.

7.12.3 Polycom RMX (Full catalog)

Template to check Polycom RMX devices using SNMP protocol

Service name	Description
Net-Polycom-Rmx-Cpu-Detailed-SNMP	Check the detailed rate of utilization of CPU for the machine.
Net-Polycom-Rmx-Hardware-Global-SNMP	Check hardware.
Net-Polycom-Rmx-Load-SNMP	Check the server load average.
Net-Polycom-Rmx-Memory-SNMP	Check the rate of the utilization of memory (RAM).
Net-Polycom-Rmx-Videoconferencing-Usage-SNMP	Check videoconferencing usage.

7.12.4 Sonus SBC (Full catalog)

Template to check Sonus SBC equipments using SNMP protocol

Service name	Description
Net-Sonus-Sbc-Call-Statistics-SNMP	Check statistics of calls managed through this equipment (errored, blocked, total...).
Net-Sonus-Sbc-Channels-SNMP	Check state and status of channels configured on the equipment .
Net-Sonus-Sbc-Cpu-SNMP	Check the rate of utilization of CPU for the machine. This check can give the average CPU utilization rate and the rate per CPU for multi-core CPU.
Net-Sonus-Sbc-Disks-SNMP	Check storage usage.
Net-Sonus-Sbc-Dsp-Statistics-SNMP	Check the statistics related to the digital signal processing module of the SBC Sonus.
Net-Sonus-Sbc-Load-SNMP	Check the load average of the equipment.
Net-Sonus-Sbc-Memory-SNMP	Check the memory usage on the Sonus SBC equipment.
Net-Sonus-Sbc-Swap-SNMP	Check the rate of utilization of SWAP memory on the Sonus.

7.12.5 XiVO VoIP Server (Limited catalog)

Template to check a Xivo Server

Service name	Description
App-VoIP-XiVO-Process-nginx	Check nginx process.
App-VoIP-XiVO-Process-postgres	Check postgres process.
App-VoIP-XiVO-Process-xivo-agentd	Check xivo-agentd process.
App-VoIP-XiVO-Process-xivo-agid	Check xivo-agid process.
App-VoIP-XiVO-Process-xivo-amid	Check xivo-amid process.
App-VoIP-XiVO-Process-xivo-call-logd	Check xivo-call-logd process.
App-VoIP-XiVO-Process-xivo-confd	Check xivo-confd process.
App-VoIP-XiVO-Process-xivo-confgend	Check xivo-confgend process.
App-VoIP-XiVO-Process-xivo-ctid	Check xivo-ctid process.
App-VoIP-XiVO-Process-xivo-dxtora	Check xivo-dxtora process.
App-VoIP-XiVO-Process-xivo-provd	Check xivo-provd process.
App-VoIP-XiVO-Process-xivo-sysconfd	Check xivo-sysconfd process.

7.13 UPS-PDU

7.13.1 APC ATS (Limited catalog)

Template to check ATS APC using SNMP protocol

Service name	Description
HW-ATS-Apc-Device-Status-SNMP	Check device status.
HW-ATS-Apc-Input-Lines-SNMP	Check input metrics.
HW-ATS-Apc-Output-Lines-SNMP	Check output metrics.

7.13.2 APC PDU (Full catalog)

Template to check PDU APC using SNMP protocol

Service name	Description
HW-Pdu-Apc-Hardware-SNMP	Check hardware.
HW-Pdu-Apc-SNMP-Load	Check load (current in Amperes).
HW-Pdu-Apc-SNMP-Outlet	Check PDU outlets.

7.13.3 APC UPS (Full catalog)

Template to check APC UPS using SNMP protocol

Service name	Description
HW-UPS-Apc-Battery-Status-SNMP	Check battery status.
HW-UPS-Apc-Output-Lines-SNMP	Check output lines metrics.
HW-UPS-Apc-Sensors-SNMP	Check sensors.

7.13.4 Clever PDU (Limited catalog)

Template to check China Clever PDU.

Service name	Description
HW-Pdu-Clever-Power-Source-Usage-SNMP	Check power source usage.

7.13.5 Emerson PDU (Limited catalog)

Template to check an Emerson PDU

Service name	Description
HW-Pdu-Emerson-Global-Status-SNMP	Check global status.
HW-Pdu-Emerson-Power-Source-Usage-SNMP	Check power source usage.
HW-Pdu-Emerson-Receptacle-Branch-Usage-SNMP	Check receptacle branch usage.

7.13.6 MGE UPS System (Limited catalog)

Template to check Merlin Gerin UPS using SNMP protocol

Service name	Description
HW-UPS-Mge-Battery-Status-SNMP	Check battery status and battery charge remaining.
HW-UPS-Mge-Environment-SNMP	Check humidity and temperature.
HW-UPS-Mge-Input-Lines-SNMP	Check input lines metrics.
HW-UPS-Mge-Output-Lines-SNMP	Check output lines metrics.
HW-UPS-Mge-Output-Source-SNMP	Check output source status.

7.13.7 Powerware UPS (Limited catalog)

Template to check Powerware UPS (Eaton) using SNMP protocol

Service name	Description
HW-UPS-Powerware-Alarms-SNMP	Check if alarms present.
HW-UPS-Powerware-Battery-Status-SNMP	Check battery status and battery charge remaining.
HW-UPS-Powerware-Environment-SNMP	Check humidity and temperature.
HW-UPS-Powerware-Input-Lines-SNMP	Check input lines metrics.
HW-UPS-Powerware-Output-Lines-SNMP	Check output lines metrics.
HW-UPS-Powerware-Output-Source-SNMP	Check output source status.

7.13.8 Raritan PDU (Limited catalog)

Template to check a Raritan PDU

Service name	Description
HW-Pdu-Raritan-Ocpirt-Sensors-SNMP	Check PDU OCPRT sensors.
HW-Pdu-Raritan-OutletSensors-SNMP	Check PDU outlets.

7.13.9 UPS Standard (Free catalog)

Template to check UPS Hardware using rfc 1628 standard using SNMP protocol

Service name	Description
HW-UPS-Standard-Rfc1628-Alarms-SNMP	Check if alarms present.
HW-UPS-Standard-Rfc1628-Battery-Status-SNMP	Check battery status and battery charge remaining.
HW-UPS-Standard-Rfc1628-Input-Lines-SNMP	Check input lines metrics.
HW-UPS-Standard-Rfc1628-Output-Lines-SNMP	Check output lines metrics.
HW-UPS-Standard-Rfc1628-Output-Source-SNMP	Check output source status.

7.14 Virtualization

7.14.1 Hyper-V 2012 (Full catalog)

Virt-Hyperv-2012-Node-NRPE

Template to check Hyper-v 2012 nodes using NRPE protocol

Service name	Description
Virt-Hyperv-2012-Node-Integration-Service-NRPE	Check virtual machine integration services.
Virt-Hyperv-2012-Node-Replication-NRPE	Check virtual machine replication status.
Virt-Hyperv-2012-Node-Snapshot-NRPE	Check virtual machine snapshots.
Virt-Hyperv-2012-Node-Vm-Status-NRPE	Check virtual machine status.
Virt-Hyperv-2012-Scvmm-Integration-Service-NRPE	Check virtual machine integration services.
Virt-Hyperv-2012-Scvmm-Snapshot-NRPE	Check virtual machine snapshots.
Virt-Hyperv-2012-Scvmm-Vm-Status-NRPE	Check virtual machine status.

Virt-Hyperv-2012-Scvmm-NRPE

Template to check Hyper-v 2012 SCVMM using NRPE protocol

Service name	Description
Virt-Hyperv-2012-Node-Integration-Service-NRPE	Check virtual machine integration services.
Virt-Hyperv-2012-Node-Replication-NRPE	Check virtual machine replication status.
Virt-Hyperv-2012-Node-Snapshot-NRPE	Check virtual machine snapshots.
Virt-Hyperv-2012-Node-Vm-Status-NRPE	Check virtual machine status.
Virt-Hyperv-2012-Scvmm-Integration-Service-NRPE	Check virtual machine integration services.
Virt-Hyperv-2012-Scvmm-Snapshot-NRPE	Check virtual machine snapshots.
Virt-Hyperv-2012-Scvmm-Vm-Status-NRPE	Check virtual machine status.

7.14.2 Nutanix (Full catalog)

Service name	Description
Virt-Nutanix-Cluster-Usage-SNMP	Check cluster usage.
Virt-Nutanix-Container-Usage-SNMP	Check container usage.
Virt-Nutanix-Disk-Usage-SNMP	Check disk usage.
Virt-Nutanix-Hypervisor-Usage-SNMP	Check hypervisor usage.
Virt-Nutanix-Storage-Pool-Usage-SNMP	Check storage pool usage.
Virt-Nutanix-Vm-Usage-SNMP	Check virtual machine usage.

7.14.3 VMware ESX (Limited catalog)

Template to check VMWare ESX Server using centreon-vmware connector

Service name	Description
Virt-VMWare2-Datastore-Io-Generic	Check datastore usage in Kbps.
Virt-VMWare2-Datastore-Iops-Generic	Check average IOPs of a datastore.
Virt-VMWare2-Datastore-Snapshots-Generic	Check snapshots usage on a datastore.
Virt-VMWare2-Datastore-Usage-Generic	Check datastore usage.
Virt-VMWare2-Datastore-Vm-Count-Generic	Check virtual machines running/off/suspended on a datastore.
Virt-VMWare2-ESX-Alarms-Generic	Check alarms of an ESX host (red an yellow)..
Virt-VMWare2-ESX-Cpu-Generic	Check CPU usage of an ESX Server.
Virt-VMWare2-ESX-Datastores-Latency-Generic	Check Datastores latency of an ESX Server.
Virt-VMWare2-ESX-Health-Generic	Check hardware and CPU sensors of an ESX Server.
Virt-VMWare2-ESX-Maintenance-Generic	Check maintenance mode of an ESX Server.
Virt-VMWare2-ESX-Memory-Generic	Check Memory usage of an ESX Server.
Virt-VMWare2-ESX-Service-Generic	Check services of an ESX Server.
Virt-VMWare2-ESX-Status-Generic	Check global status of an ESX Server.
Virt-VMWare2-ESX-Swap-Generic	Check if a virtual machine is swapping on the ESX server.
Virt-VMWare2-ESX-Time-Generic	Check time of an ESX Server.
Virt-VMWare2-ESX-Traffic-Generic	Check traffic usages of a physical network interfaces. Thresholds are in percent.
Virt-VMWare2-ESX-Uptime-Generic	Get uptime in days of an ESX Server.
Virt-VMWare2-ESX-Vm-Count-Generic	Check virtual machines running/off/suspended on an ESX Server.

7.14.4 VMware ESX WS-MAN (Limited catalog)

Template to check VMWare ESXi Server using wsman

Service name	Description
Virt-VMWare2-ESX-Hardware-Global-WSMAN	Check ESXi hardware.

7.14.5 VMware VM (Limited catalog)

Template to check VMWare Virtual Machine using centreon-vmware connector

Service name	Description
Virt-VMWare2-Vm-Cpu-Generic	Check CPU usage of a virtual machine.
Virt-VMWare2-Vm-Datastores-Iops-Generic	Check datastores IOPS linked to the virtual machine. (IOPS done by the virtual machine)
Virt-VMWare2-Vm-Limit-Generic	Check limit definition (cpu, memory) on a virtual machine.
Virt-VMWare2-Vm-Memory-Generic	Check memory usage of a virtual machine.
Virt-VMWare2-Vm-Snapshot-Generic	Check snapshot age of a virtual machine.
Virt-VMWare2-Vm-Status-Generic	Check global status of a virtual machine.
Virt-VMWare2-Vm-Swap-Generic	Check if a virtual machine is swapping.
Virt-VMWare2-Vm-Thinprovisioning-Generic	Check if a virtual machine has a disk in mode 'thinprovisioning' or not.
Virt-VMWare2-Vm-Tools-Generic	Check vmtools state of a virtual machine.

7.14.6 VMware vCenter (Limited catalog)

Template to check VCenter using centreon-vmware connector

Service name	Description
Virt-VMWare2-Datacenter-Alarms- Generic	Check alarms of a datacenter (red an yellow)..
Virt-VMWare2-Datacenter-Alarms- Global	Check datacenters alarms (red an yellow)..
Virt-VMWare2-Datastore-Io-Global	Check datastore usages in Kbps.
Virt-VMWare2-Datastore-Iops-Global	Check average IOPs of multiple datastores.
Virt-VMWare2-Datastore-Snapshots- Global	Check snapshots usage on multiple datastores.
Virt-VMWare2-Datastore-Usage- Global	Check multiple datastores usage.
Virt-VMWare2-Datastore-Vm-Count- Global	Check virtual machines running/off/suspended on multiple datastores.
Virt-VMWare2-ESX-Alarms-Global	Check ESX hosts alarms (red an yellow)..
Virt-VMWare2-ESX-Cpu-Global	Check CPU usage of multiple ESX Servers.
Virt-VMWare2-ESX-Datastores- Latency-Global	Check Datastores latency of multiple ESX Servers.
Virt-VMWare2-ESX-Health-Global	Check hardware and CPU sensors of multiple ESX Servers.
Virt-VMWare2-ESX-Maintenance- Global	Check maintenance mode of multiple ESX Servers.
Virt-VMWare2-ESX-Memory-Global	Check Memory usage of multiple ESX Servers.
Virt-VMWare2-ESX-Service-Global	Check services of multiple ESX Servers.
Virt-VMWare2-ESX-Status-Global	Check global status of multiple ESX Servers.
Virt-VMWare2-ESX-Swap-Global	Check if a virtual machine is swapping on ESX servers.
Virt-VMWare2-ESX-Time-Global	Check time of multiple ESX Servers.
Virt-VMWare2-ESX-Uptime-Global	Get uptime in days of multiple ESX Servers.
Virt-VMWare2-ESX-Vm-Count-Global	Check virtual machines running/off/suspended on multiple ESX Servers.
Virt-VMWare2-Vm-Cpu-Global	Check CPU usage of a virtual machine.
Virt-VMWare2-Vm-Datastores-Iops- Global	Check datastores IOPS linked to virtual machines. (IOPS done by the virtual machine)
Virt-VMWare2-Vm-Limit-Global	Check limit definition (cpu, memory) on multiple virtual machines.
Virt-VMWare2-Vm-Memory-Global	Check memory usage of virtual machines.
Virt-VMWare2-Vm-Snapshot-Global	Check snapshot age of multiple virtual machines (Vsphere 4).
Virt-VMWare2-Vm-Status-Global	Check global status of multiple virtual machines.
Virt-VMWare2-Vm-Swap-Global	Check if virtual machines are swapping.
Virt-VMWare2-Vm-Thinprovisioning- Global	Check if a virtual machine has a disk in mode 'thinprovisioning' or not.
Virt-VMWare2-Vm-Tools-Global	Check vmtools state of multiple virtual machines.

7.14.7 VMware vCenter v4 (Limited catalog)

Template to check VCenter 4 using centreon-vmware connector

Service name	Description
Virt-VMWare2-Vc4-Limit-Global	Check limit definition (cpu, memory) on multiple virtual machines.
Virt-VMWare2-Vc4-Snapshot-Global	Check snapshot age of multiple virtual machines (Vsphere 4).

7.14.8 VMware vCenter v5 (Limited catalog)

Template to check VCenter 5 using centreon-vmware connector

Service name	Description
Virt-VMWare2-Vc5-Limit-Global	Check limit definition (cpu, memory, disk) on multiple virtual machines.
Virt-VMWare2-Vc5-Snapshot-Global	Check snapshot age of multiple virtual machines (Vsphere 5).

Plugin Pack update

Updating a Plugin Pack may require updating the corresponding Centreon Plugins.

8.1 Centreon EMS/Centreon EPP

Since plugins and packs are provided in RPM format, you can update them with the usual RPM commands. If any templates or check commands are modified, the changes are automatically applied during the RPM update.

Warning: We are making an effort to minimize the impact of updates. Nevertheless, some software changes may affect the way plugins are called (e.g., modified arguments). We have therefore updated the associated check commands in the pack. Immediately after any RPM updates, the new plugins are executed by the Centreon Engine. New templates and check commands are then applied to the Centreon configuration, **but the previous Centreon Engine configuration still references the old templates**. For this reason, it is safer to follow the procedure described below to reduce any unexpected results. In all cases, **we recommend using a pre-production platform** to test your system after an update.

First, make sure you are using the latest version of the **Centreon Plugins Pack Manager** module. Follow the same update procedure as with the other modules, and remember to apply the update on the Centreon module screen.

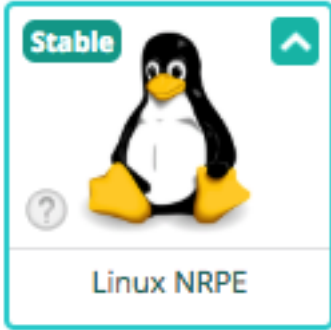
8.1.1 Plugin Pack updates

To update all packs on the **Centreon central server** enter the following command:

```
# yum update centreon-pack*
```

These software updates will generate configuration changes (i.e., to templates and commands). You must therefore redeploy the configuration on all the pollers, but **WITHOUT restarting them**, since the corresponding plugins have not yet been updated.

To finalize the update, go to Centreon Plugin Pack Manager user interface (UI). The available update will be displayed by an arrow:



Hover over the Plugin Pack and click on the arrow,



or click on the Plugin Pack to display more details, then click on the arrow.



Linux NRPE

Installed **3.0.1**

Stable

Available **3.0.2**

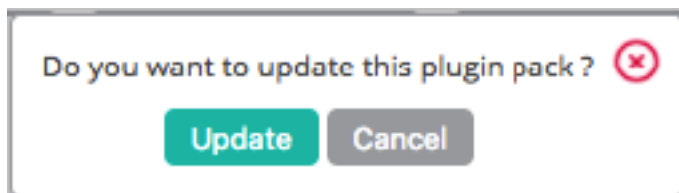
Stable



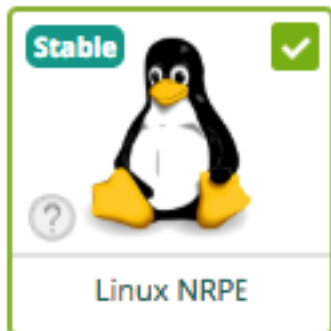
Plugin pack to monitor GNU/Linux operating system using NRPE protocol. Several indicators are available but not linked to the host template. You have to use them manually:

- Cmd-Generic
- Connections-Generic
- Cpu
- Cpu-Detailed
- Disk (by Name of disk or Global)
- Disk IO (by Name of disk or Global)
- File (by Date or Size)
- Inodes (by Name or Global)
- Test is File or not
- Load
- Memory
- Packet Error (by interface Name or Global)
- Process Generic
- Swap
- Traffic (by interface Name or Global)
- Uptime

Confirm the update.



Your Plugin Pack is now up to date.



8.1.2 Plugin updates

To update the plugins, stop the Centreon Engine on **all pollers**.

Update the plugins on **all pollers**:

```
# yum update centreon-plugin*
```

Update the plugin dependencies on **all pollers**:

```
# yum update centreon-plugins*
```

Restart the Centreon Engine on **all pollers**.

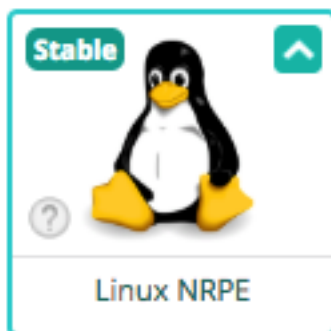
Then check for any new errors after installing the new plugins.

Note: It is your choice whether to install all the plugins on every poller, or just the required plugins. Keep in mind that you may encounter errors if you migrate a monitored host to a poller that happens to be missing the necessary plugins. If you update the plugins on the Centreon central server, be sure also to update them on each poller.

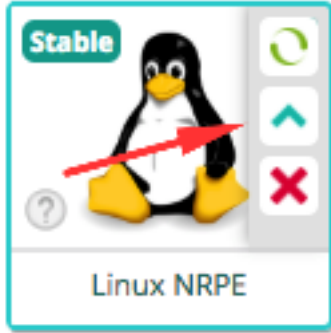
8.2 Centreon IMP

8.2.1 Plugin Pack update

If an arrow appears on a Plugin Pack it means that an update is available.



Hover over the Plugin Pack and click on the arrow,



or click on the Plugin Pack to display more details, then click on the arrow.



Linux NRPE



Installed **3.0.1**

Available **3.0.2**

Stable

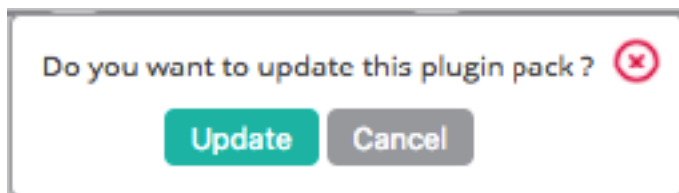
Stable



Plugin pack to monitor GNU/Linux operating system using NRPE protocol. Several indicators are available but not linked to the host template. You have to use them manually:

- Cmd-Generic
- Connections-Generic
- Cpu
- Cpu-Detailed
- Disk (by Name of disk or Global)
- Disk IO (by Name of disk or Global)
- File (by Date or Size)
- Inodes (by Name or Global)
- Test is File or not
- Load
- Memory
- Packet Error (by interface Name or Global)
- Process Generic
- Swap
- Traffic (by interface Name or Global)
- Uptime

Confirm the update.



Your Plugin Pack is up to date.



8.2.2 Plugin updates

To update the plugins, stop the Centreon Engine on **all pollers**.

Update the plugins on **all pollers**:

```
# yum update centreon-plugins*
```

Restart the Centreon Engine on **all pollers**.

Then check that you do not have new errors while executing new plugins.

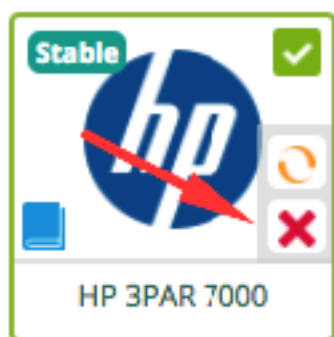
Note: It is your choice whether to install all the plugins on every poller, or just the required plugins. Keep in mind that you may encounter errors if you migrate a monitored host to a poller that happens to be missing the necessary plugins. If you update the plugins on the Centreon central server, be sure also to update them on each poller.

Uninstalling

9.1 To uninstall a Plugin Pack

You can only uninstall a Plugin Pack using the *Centreon Plugin Pack Manager*.

As with installation, you can remove a pack either by hovering over the desired pack in the UI and clicking on the red cross,



or by clicking first on the pack and then on the red cross:

HP 3PAR 7000

Installed **3.0.8** Available **3.0.9**

Stable Stable

✖ ▲ ↻

Plugin pack to monitor HP 3PAR 7000 storage via SSH:

- Battery
- CIM
- Disk (Global or via Id)
- ISCSI
- Node
- Physical-disk
- Psu
- Temperature
- Volume (by Name, ID or all volumes)
- WSAPI

Confirm the uninstallation.

Do you want to delete this plugin pack? ✖

Delete Cancel

Your Plugin Pack is now uninstalled.

Stable

hp

HP 3PAR 7000

9.2 Managing dependencies

You will not be able to remove a pack if host and service templates created by the Plugin Pack are being used by any monitored hosts and services.

Sorry, you can't delete this plugin pack because it is used on : ✖

Host template(s) :
generic-active-host-custom

- App-DB-MSSQL
- Net-Cisco-Standard-SNMP
- OS-Windows-SNMP
- Virt-VMWare2-VCenter

Service(s) :
Base-Ping-LAN-custom

- Ping

generic-passive-service-custom

- test-comment

Service template(s) :
generic-active-service

- App-Protocol-IMAP-Login
- App-Protocol-SMTP-Login
- App-Webserver-Nginx-Requests

To uninstall the pack you will need either to:

- delete the hosts and services linked to the templates provided by the Plugin Pack,
- or unlink the hosts and services from the corresponding templates.

Attempting to uninstall a pack that is a dependency of another pack will cause the uninstallation process to stop if the pack or its dependency is used by any hosts and services. Otherwise, the pack and its dependencies can be removed.

If you have any questions about how to use the Plugin Packs, please contact our technical support team at contact@centreon.com