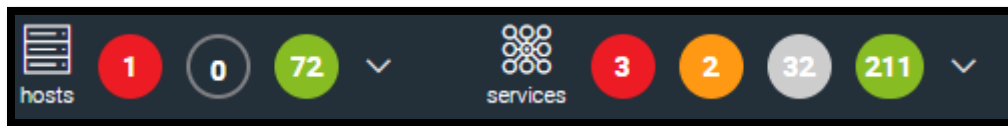
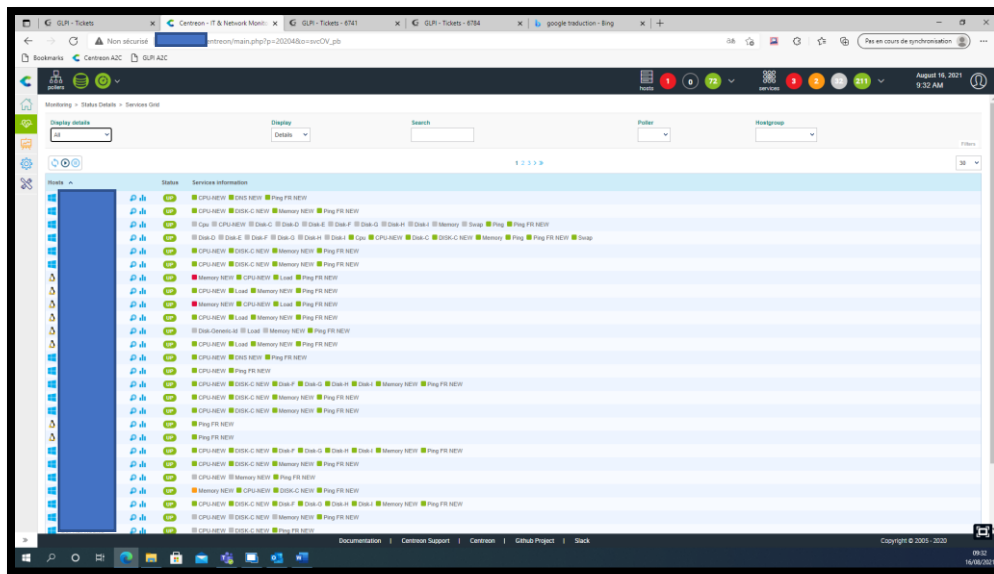


I wrote this documentation in English so that the US IT department is able to fully understand how Centreon works and how to setup it

Originally called Oreon¹, Centreon is a solution for monitoring applications, systems and networks, based on Nagios concepts. The heart of Centreon is Open Source, distributed under the GPL v2.2 license and free. Paid value-added add-ons are distributed by the publisher. Free and open source add-ons are developed by contributors on GitHub³.

Centreon provides a simplified interface to make the consultation of the state of the system accessible to a greater number of users, including non-technicians, in particular with the help of performance graphs. However, technicians still have access to the technical information of the scheduler. In 2005, the company Merethis (now Centreon) was founded and is responsible for federating the community around this Open Source solution.

Centreon Monitoring



In the navbar, you can see the hosts who are on critical / warning / good conditions

It's the same for the services

FOR EVERY ADDITION OF HOST OR SERVICES YOU WILL NEED TO REFRESH THE POLLERS

Go to Configuration → Pollers → Check your Configuration → Export configuration

Name	IP Address	Server type	Is running ?	Conf Changed *	PID	Uptime	Last Update	Version	Default	Status	Actions	Options
<input checked="" type="checkbox"/> Central		Central	YES	YES	20559	5 days	August 16, 2021 10:34:14 AM	Centreon Engine 21.04.1	Yes	ENABLED		1

Check the first four case and press the « Export » button

Configuration Files Export

Polling instances

Pollers *

Central

Actions

☒ Generate Configuration Files

☒ Run monitoring engine debug (-v)

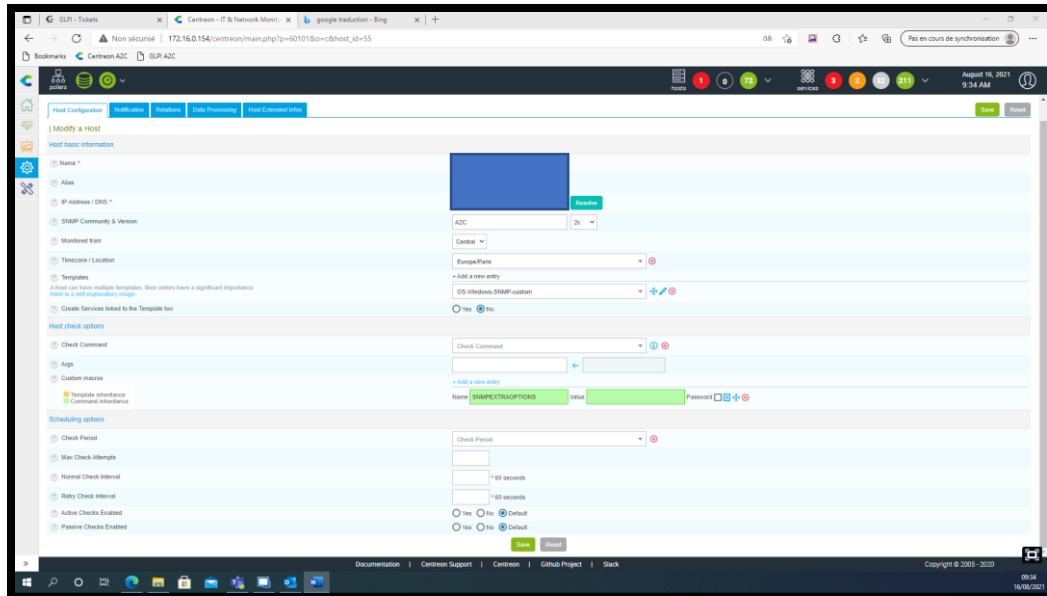
☒ Move Export Files

☒ Restart Monitoring Engine

Method: Reload

Export

To add a machine to your monitoring, go on **Configuration** → **Hosts** → **Hosts** then press the « **Add** » button and specify all information that correspond to the machine that you want to add



You can add services as much as you want to a host :



To add a service to a host,
Go to **Configuration** → **Services** → **Services by host** and press the « **Add** » button.
For example, let's do it for the Ping to see if the server is down or OK.

?
Description
Ping FR NEW

?
Linked with Hosts

?
Template
Base-Ping-LAN

?
Check Command
Check Command

?
Custom macros

Template inheritance

Command inheritance

Name
PACKETNUMBER
Value
5
Password

Name
WARNING
Value
200,20%
Password

Name
CRITICAL
Value
400,50%
Password

?
Args

Argument
Value
No argument found for this command

Service Scheduling Options

?
Check Period
24x7

?
Max Check Attempts

?
Normal Check Interval
* 60 seconds

?
Retry Check Interval
* 60 seconds

?
Active Checks Enabled
Yes No Default

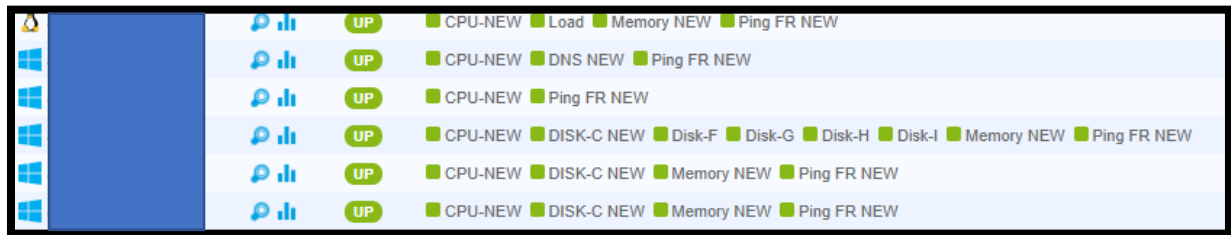
?
Passive Checks Enabled
Yes No Default

?
Is Volatile
Yes No Default

Save
Reset

In « **Linked with hosts** », you can add several host.
Instead of creating one service for one host, you can

add one service for all the host that need the template.



« Ping FR New » is now loaded on all of the hosts that we defined before

To get notified by email when a machine has a problem, you need to configure Notifications.

First, go to **Configuration** → **users** > **Contatcts** / **Users** then press the « Add » button and create your own profile

A screenshot of the 'Modify a User' configuration page. The page is divided into several sections: General Information, Group Relations, Notification, Host, and Service. Under General Information, there are fields for Alias / Login (jkassab), Full Name (John_KASSAB), Email (john.kassab@aircostcontrol.com), Pager (-), and Contact template used (a dropdown menu). Under Group Relations, there's a field for Linked to Contact Groups (Supervisors, VPN_Checkpoint) and a field for Group Ldap (VPN_Checkpoint). Under Notification, there's a section for Enable Notifications (radio buttons for Yes, No, Default) and a section for Host Notification Options (checkboxes for Down, Unreachable, Recovery, Flapping, Downtime Scheduled, None). Under Host, there's a section for Host Notification Period (24x7) and a section for Host Notification Commands (host-notify-by-email). Under Service, there's a section for Service Notification Options (checkboxes for Warning, Unknown, Critical, Recovery, Flapping, Downtime Scheduled, None), a section for Service Notification Period (24x7), and a section for Service Notification Commands (host-notify-by-email). At the bottom right, there are Save and Reset buttons.

Go back to **Configuration** → **Services** → **Services by host**. Then click on the service that you want to receive alarm and go on the notification tab

Configuration > Services > Services by host

General Information | **Notifications** | Relations | Data Processing | Extended Info

Modify relations

Notification status

Notification Enabled ☒ Yes ☐ No ☐ Default

Notification receivers

Inherit only contacts/contacts group from host ☐ Yes ☒ No

Implied Contacts

Implied Contact Groups

Notification options

Notification Interval * 60 seconds

Notification Period

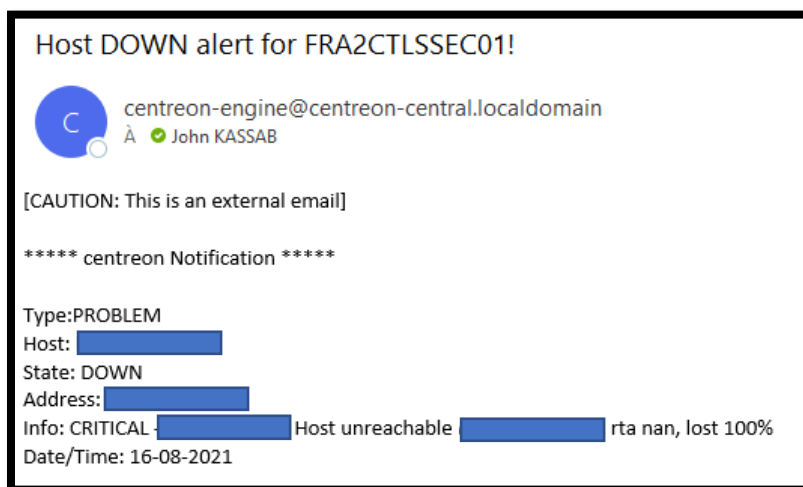
Notification Type ☒ Warning ☒ Unknown ☒ Critical ☒ Recovery ☐ Flapping ☐ Downtime Scheduled ☐ None

First notification delay * 60 seconds

Recovery notification delay * 60 seconds

Save **Reset**

When an error occurred or a warning appeared, you will receive a mail like this :



To see the problem that you will get on your different machine, click on the red bubble on the navbar

<input type="checkbox"/>	\$	Status ↑	Resource	Parent	Notes	Action	Graph	Duration	Tries	Last check	Information	State
<input type="checkbox"/>		DOWN	[redacted]					3d 16h	1/3 (H)	26s	CRITICAL - 172.16.0.148: Host unreachable @ 172.16.0.154: rta nan, lost 100%	

Here, you will be able to identify every problems of every machine that you set up on your Centreon

It's the same procedure for the services that you set up to each machine.



So click on the red bubble at the top right corner to see which services is down / have problems.

<input type="checkbox"/>	S	Status ↑	Resource	Parent	Notes	Action	Graph	Duration	Tries	Last check	Information	State
<input type="checkbox"/>		CRITICAL	CPU-NEW					4d 22h	3/3 (H)	51s	CRITICAL: 1 CPU(s) average usage is 100.00 %	
<input type="checkbox"/>		CRITICAL	Memory NEW					3d 39m	3/3 (H)	7m 13s	CRITICAL: Ram Total: 7.79GB Used: 7.26GB (93.19%) Free: 543.48MB (6.81%)	
<input type="checkbox"/>		CRITICAL	Memory NEW					3d 41m	3/3 (H)	9m 44s	CRITICAL: Ram Total: 15.67GB Used: 15.07GB (96.19%) Free: 611.30MB (3.81%)	

By clicking on an element of the warning list, you can have more details such as for example the last



check up or the next that are only available on this

DOWN FRA2CTLSSEC01  

DETAILS

SERVICES

TIMELINE

SHORTCUTS

Status information
CRITICAL - 172.16.0.148: Host unreachable @ 172.16.0.154. rta nan, lost 100%

FQDN / Address
172.16.0.148


Alias
FRA2CTLSSEC01 NEXPOSE


Monitoring server
Central

Timezone
Europe/Paris

Current state duration
3d 16h - 1/3 (H)

Last state change
08/12/2021 6:10 PM

Last check 
08/16/2021 10:28 AM

Next check 
08/16/2021 10:33 AM

Check duration
3.008179 s

Latency
0.1 s

Is this resource flapping?
No

Percent state change
0%

Last notification
08/16/2021 10:00 AM

Current notification number
23

menu:

