
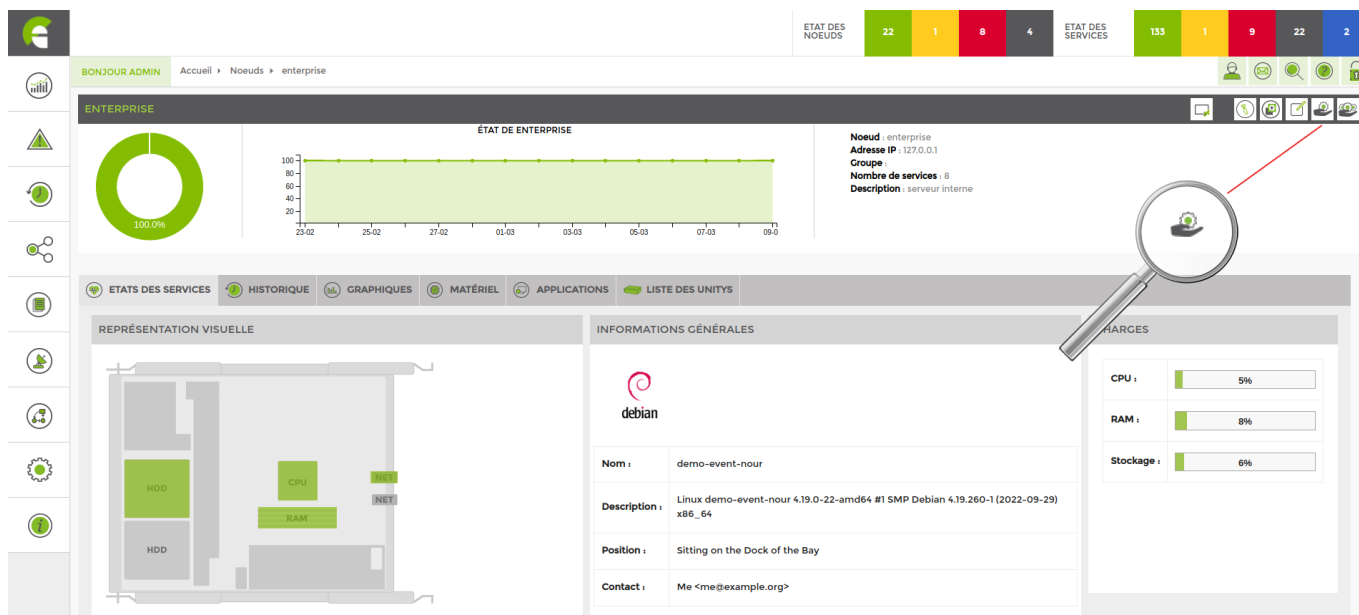


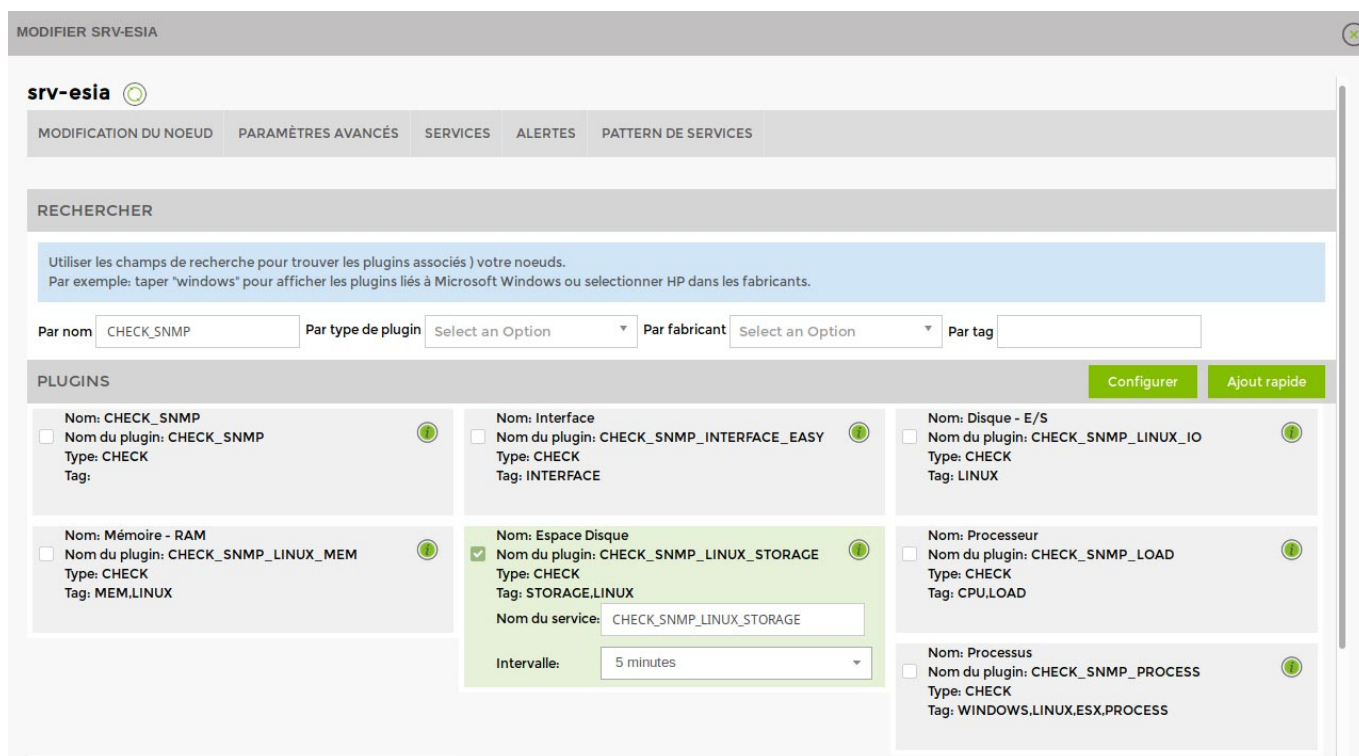
# Service management

## Add a service

To apply [service](#) services (tests) on your nodes, go to a node's page and click on the icon  icon.



The following screen appears:



Select the plugin(s) you wish to apply to this node. Give it a name and choose an interval to define the time between 2 tests.

## Difference between GESA and CHECK plugins

When you have to choose a plugin, you will notice two types of plugins:

- GESA type plugins :

These are all the plugins available for ESIA Unity. Using these, the plugin passes through the Unity to find the information you are looking for.

- CHECK type plugins :

These plugins query the node directly. They are mainly used for the ESIA Infinity solution and in some cases for ESIA Unity.

Then click on “Quick Add” to launch the selected services or click on “Configure” to set more options.

## Define service priority

You must then specify the priority of the service (from 1 to 7, 1 being the highest priority).

You can assign a priority to each service. In other words, you will create a hierarchy within the tests performed. In this way, in the event of a major breakdown, you will receive text messages/emails only for the highest priority alerts.

For example, you carry out an operational test on your server (PING) and a test on storage capacity. The first is priority 1, the second is priority 3. If only the storage capacity test encounters a problem, you will receive the related alert. On the other hand, if there is a problem with the operation test (PING), i.e. the server is no longer responding, you will only receive an alert for this problem. If a device stops responding, all the tests performed on it will stop responding.

Example, hierarchy of priorities for a website:

### 1. PING

2. CPU
3. RAM & Storage
4. Processes
5. Database
6. Apache HTTP test
7. Test the content of a web page

In the “Alerts” tab, you can define the alert parameters (See [Alert management](#))

When a service is added, you can see in the service status bar that a number has appeared in a white box. This means that the service is “Waiting to be processed”. Note that a node is only displayed in the “Node list” when a service is active on that node.

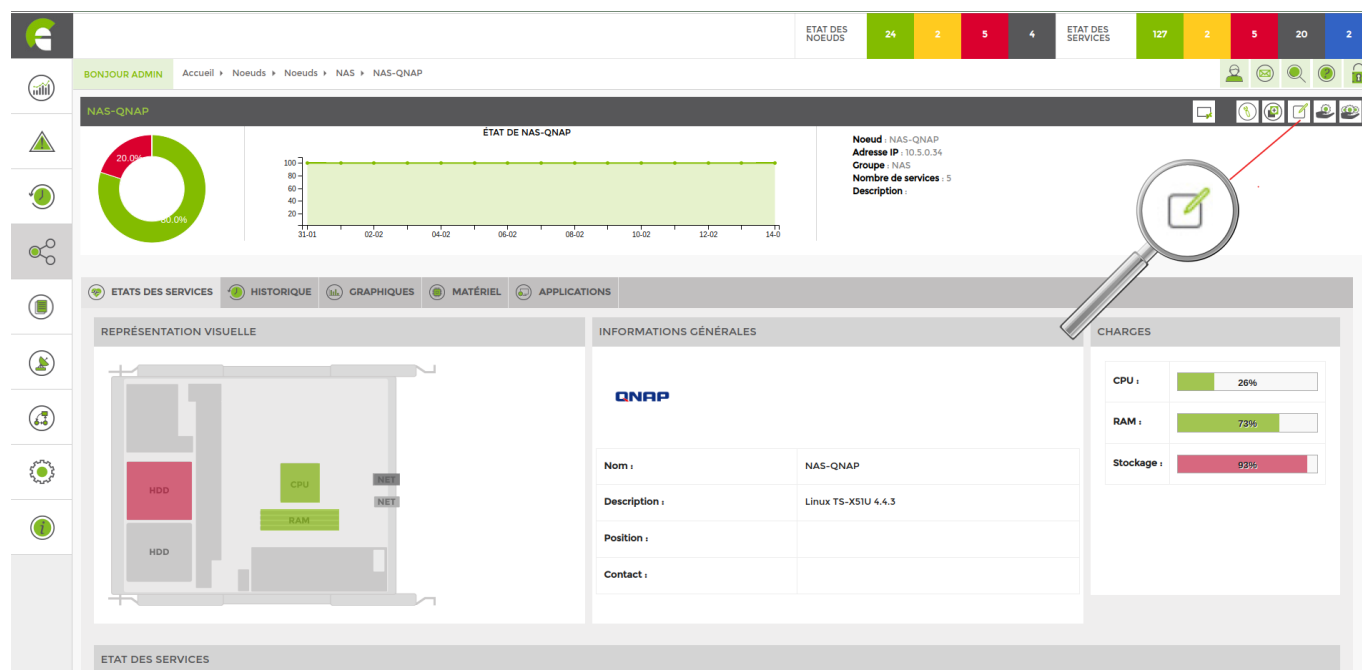


See [The list of services available with ESIA Unity](#).

See [The list of services available with ESIA Infinity](#).

## Modify a service

To modify a [service](#) service on your nodes, go to the node page and click on the 



Go to the « **service** ». The list of applied services appears. You can modify each service by clicking on the « **modifier** ».

MODIFIER NAS-QNAP

NAS-QNAP

MODIFICATION DU NOEUDPARAMÈTRES AVANCÉSSERVICESALERTESPATTERN DE SERVICES

MODIFICATION DU SERVICE

Nom du service

CHECK\_ICMP

Intervalle

300

secondes

Priorité

1

Paramètres du service

Latence Alerte

200

ms

Latence Critique

500

ms

Perte Alerte

50

%

Perte Critique

100

%

+

Tester les paramètres

Modifier

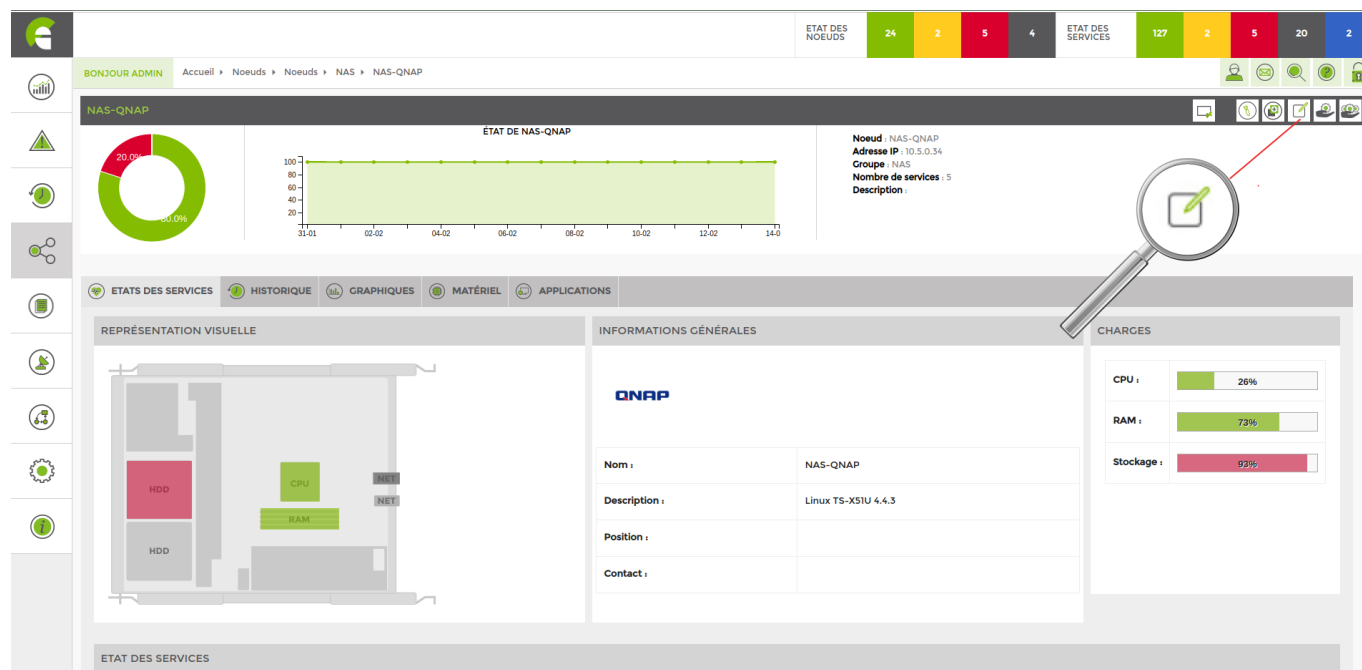
-

-H \$IP -w 200,50% -c 500,100%

You can also change the parameters for each [service](#). By clicking on the « + » button, you can display the command behind each [service](#).

<https://wiki.esia-sa.com/>

To delete a **service** service on your nodes, go to a node's page and click on the 



Go to the « **service** ». The list of applied services appears. You can delete each service by clicking on the « **supprimer** ».






MODIFIER NAS-QNAP

**NAS-QNAP**

MODIFICATION DU NOEUD PARAMÈTRES AVANCÉS **SERVICES** ALERTES PATTERN DE SERVICES

SERVICES

1 to 5 (5) 100

NOM DU SERVICE	NOM TECHNIQUE	INTERVALLE	DESCRIPTION	ACTION
PING	CHECK_ICMP	300000	Test le ping d'un noeud. Permet également de connaître la latence réseau ex: check_icmp -H google.be -w 200,50 -c 300,100	
Processeur	CHECK_SNMP_LOAD	300000	Récupère la charge CPU utilisée. Fonctionne sous Linux windows, Esx, etc	
Etat de santé	CHECK_SNMP_QNAP_HEALTH	300000	Test la bonne santé d'un NAS de la marque QNAP (compatible QNAP NAS-MIB). Ce plugin récupère et vérifie: - Affiche le modèle et son nom système - Température du système - Température du CPU - États des disques (modèle, capacité, statut smart et la température) - États des volumes RAID	
Mémoire RAM	CHECK_SNMP_QNAP_RAM	300000	Vérifie la mémoire RAM d'un NAS QNAP	
Espace Disque	CHECK_SNMP_QNAP_STORAGE	300000	Test l'espace disque disponible sur les différents volumes d'un NAS de la marque QNAP. Ce plugin récupère et vérifie: - L'espace disque restant - L'espace utilisé - L'espace total - Le type de partition	

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