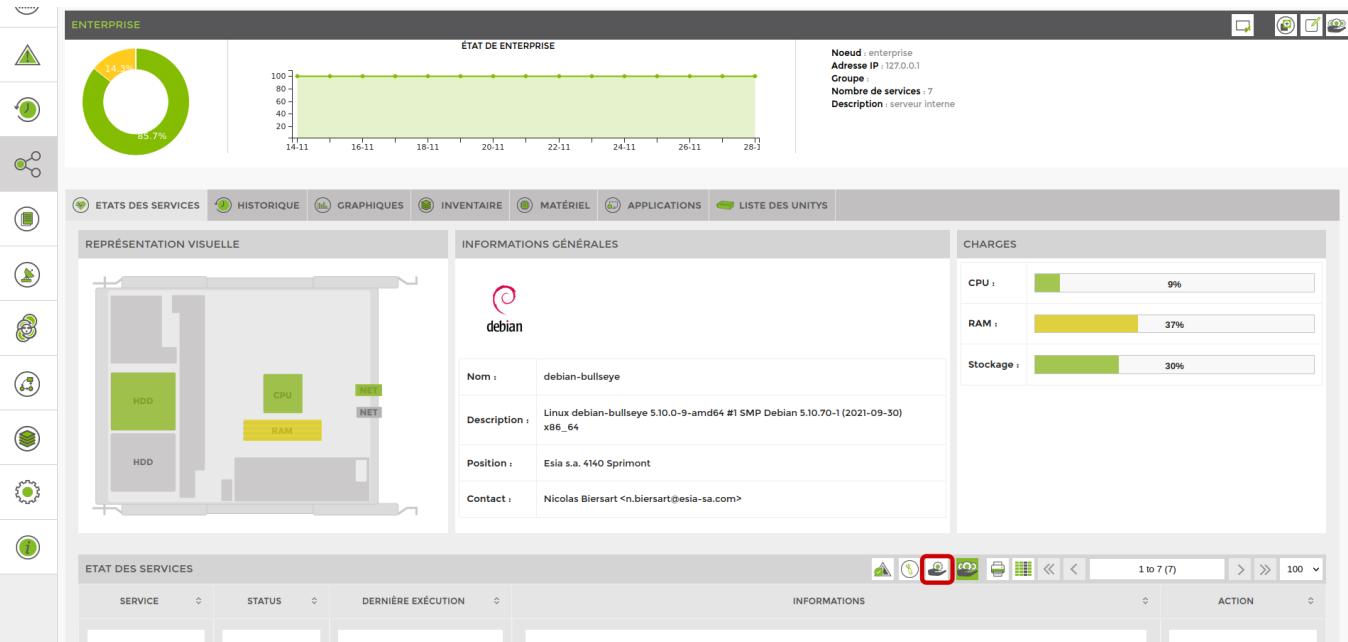


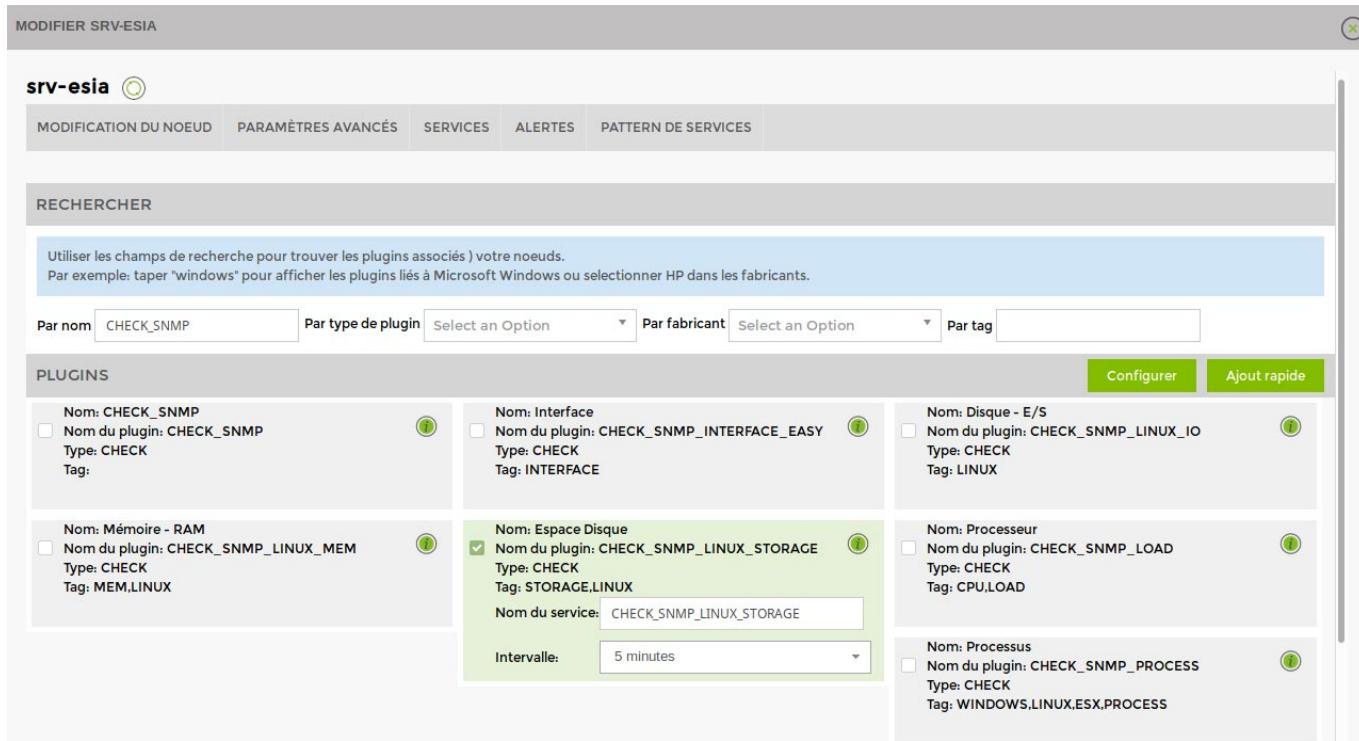
Applying services to your nodes

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



The screenshot shows the Node details page for 'debian'. It includes a pie chart of system components (85.7% green, 14.3% yellow), a timeline chart from 14-11 to 28-11, and a table with node details: Noeud : enterprise, Adresse IP : 127.0.0.1, Groupe : , Nombre de services : 7, Description : serveur interne. Below this are tabs for ETATS DES SERVICES, HISTORIQUE, GRAPHIQUES, INVENTAIRE, MATERIEL, APPLICATIONS, and LISTE DES UNITES. The REPRÉSENTATION VISUELLE section shows a bar chart of hardware components: HDD, CPU, RAM, and NET. The INFORMATIONS GÉNÉRALES section provides node details: Nom : debian-bullseye, Description : Linux debian-bullseye 5.10.0-9- amd64 #1 SMP Debian 5.10.70-1 (2021-09-30) x86_64, Position : Esia s.a. 4140 Sprimont, Contact : Nicolas Biersart <n.biersart@esia-sa.com>. The CHARGES section shows CPU (9%), RAM (37%), and Stockage (30%). The bottom navigation bar includes buttons for ETAT DES SERVICES, INFORMATIONS, and ACTION, with the ACTION button highlighted with a red box.

The following screen appears:



The screenshot shows the 'MODIFIER SRV-ESIA' (Edit Node) page. The top navigation bar includes tabs for MODIFICATION DU NOEUD, PARAMÈTRES AVANÇÉS, SERVICES, ALERTES, and PATTERN DE SERVICES. The RECHERCHER section allows searching by name, plugin type, manufacturer, and tag. The PLUGINS section lists several service configurations:

- Nom: CHECK_SNMP** (checkbox checked): Nom du plugin: CHECK_SNMP, Type: CHECK, Tag: .
- Nom: Mémoire - RAM** (checkbox checked): Nom du plugin: CHECK_SNMP_LINUX_MEM, Type: CHECK, Tag: MEM,LINUX.
- Nom: Interface** (checkbox checked): Nom du plugin: CHECK_SNMP_INTERFACE_EASY, Type: CHECK, Tag: INTERFACE.
- Nom: Espace Disque** (checkbox checked): Nom du plugin: CHECK_SNMP_LINUX_STORAGE, Type: CHECK, Tag: STORAGE,LINUX. It includes a 'Nom du service:' dropdown set to 'CHECK_SNMP_LINUX_STORAGE' and an 'Intervalle:' dropdown set to '5 minutes'.
- Nom: Disque - E/S** (checkbox checked): Nom du plugin: CHECK_SNMP_LINUX_IO, Type: CHECK, Tag: LINUX.
- Nom: Processeur** (checkbox checked): Nom du plugin: CHECK_SNMP_LOAD, Type: CHECK, Tag: CPU,LOAD.
- Nom: Processus** (checkbox checked): Nom du plugin: CHECK_SNMP_PROCESS, Type: CHECK, Tag: WINDOWS,LINUX,ESX,PROCESS.

Buttons for 'Configurer' and 'Ajout rapide' are located in the top right of the PLUGINS section.

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.

MODIFIER SRV-ESIA

srv-esia (OK)

CONFIGURER

Nom du service: **CHECK_SNMP_LINUX_STORAGE**

Intervalle: **300** secondes

Priorité: **3**

Paramètres du service

Nom du disque	"/\$"
Alerte	80 %
Critique	90 %

-H \$IP -C \$SNMP_COM -m "/\$" -w 80 -c 90

Tester les paramètres

Ajouter

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.

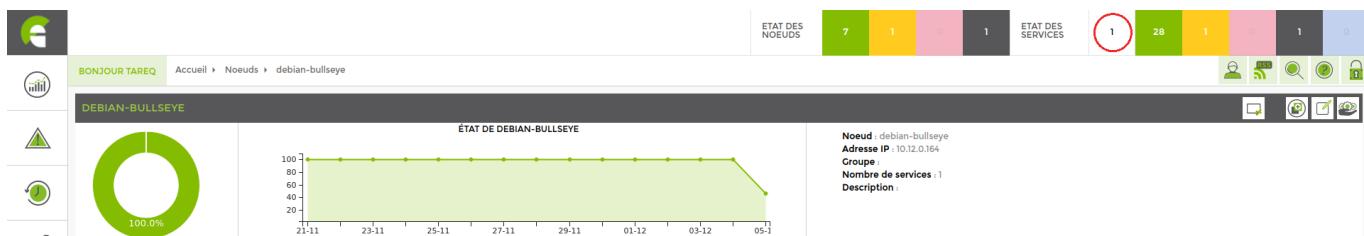
For example, you carry out an operational test on your server (PING) and a test on storage capacity. The first is priority 1, the second is priority 3. If only the storage capacity test encounters a problem, you will receive the related alert. On the other hand, if there is a problem with the operation 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](#).

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