Webplugin virtualization

Installation/Activation

As root, on the command line of your Esia

copy

```
apt update
apt install esia-webp-virtualization
```

Important note (for VMware only)

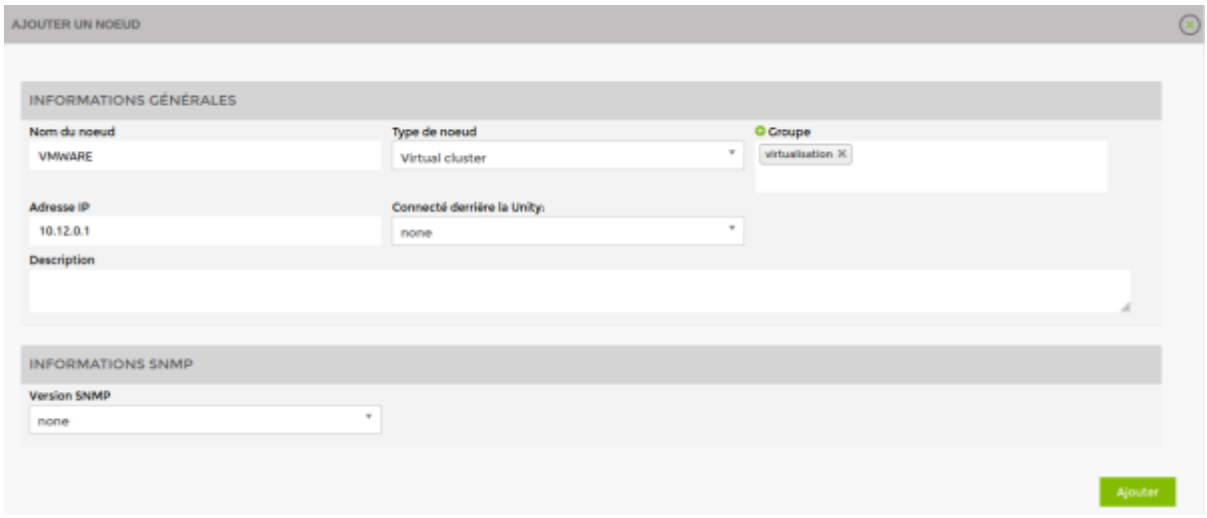
Always configure a Virtual Cluster node. Even if the hypervisor is alone and not connected to a Vcenter.

Add a Virtual cluster node

You need to configure :

- The name of the desired node
- The 'Virtual cluster' node type
- The desired node group
- The IP address (for VMware, preferably vcenter, ESX if you have no choice).
- A desired description.
- SNMP parameters (optional)

Currently, the virtualisation webplugin is only accessible live and cannot be used through Unity.



Choose the type of driver you want

You now need to choose the driver you want, depending on the type of hypervisor.



Configuring the url

The node's URL is automatically configured according to the IP encoded above. But you can modify the url.



Configure login/password

Configure the login and password and click save

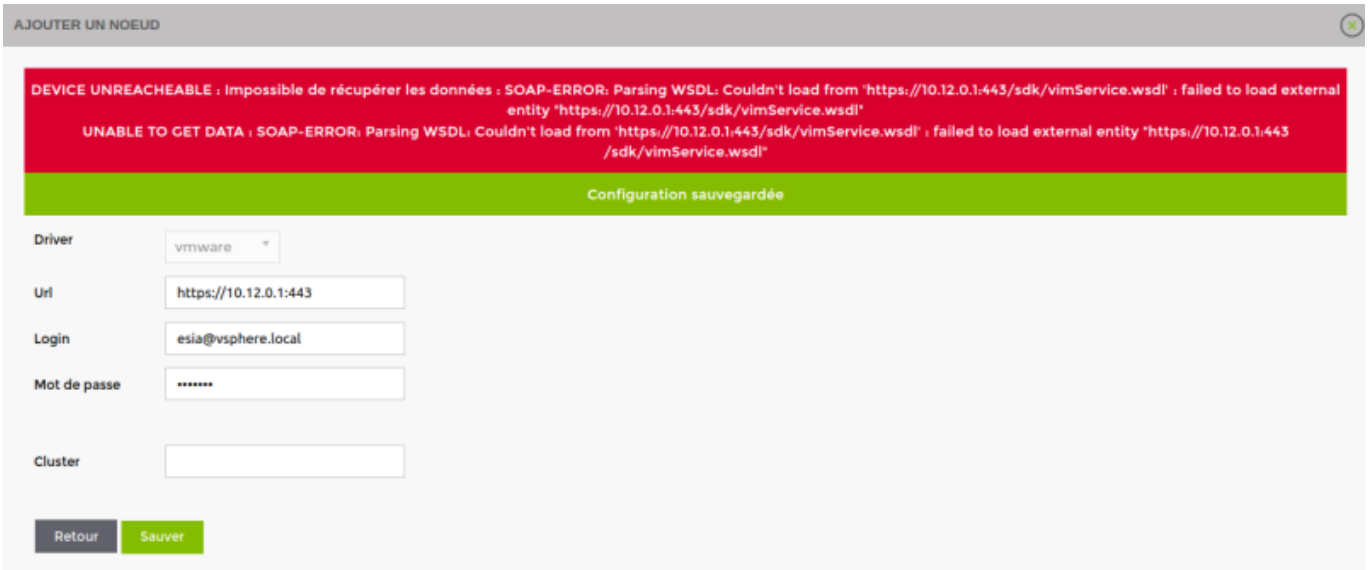


Different possible cases

If the node cannot be reached

An error message is displayed indicating that it is impossible to recover the data. But the configuration is still saved. This allows the device to be configured later.

For VMWare only, as it is not possible to retrieve the cluster name (in Vcenter), or even to know whether it is a Vcenter or ESX hypervisor, a textbox is displayed allowing you to encode it.



ESX-type device (for VMware only)

If the encoded node is an ESX encoded in a Vcenter

In this case, the configuration is saved but a message warns that it is advisable to use the vcenter



If the encoded node is an ESX without Vcenter

In this case there is nothing to report.



Vcenter device (for VMware only)

If the encoded node is a Vcenter with only 1 cluster

The cluster name is automatically configured without any intervention being required.



If the encoded node is a multicluster Vcenter

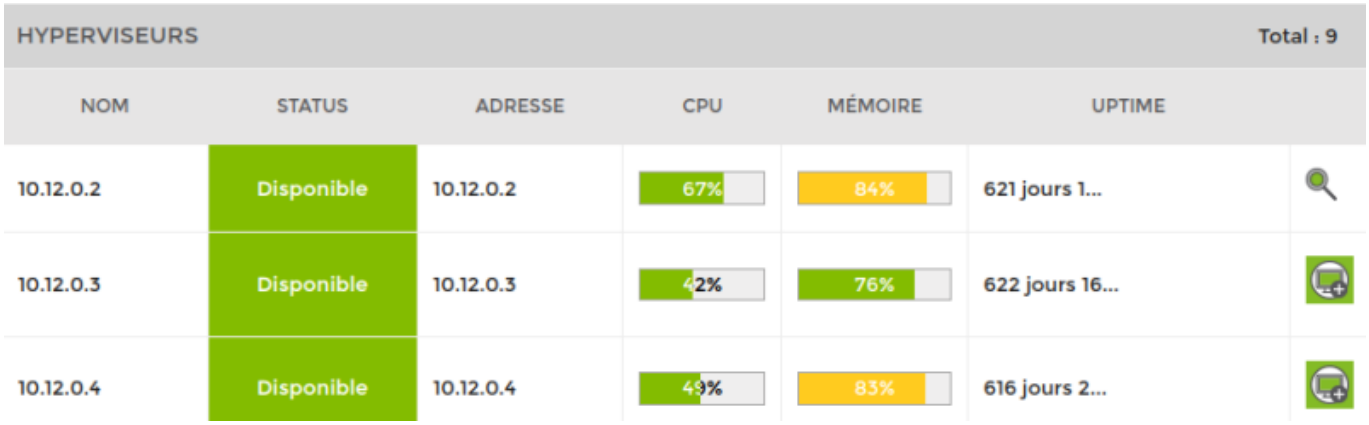
You then need to select the desired cluster from the list.



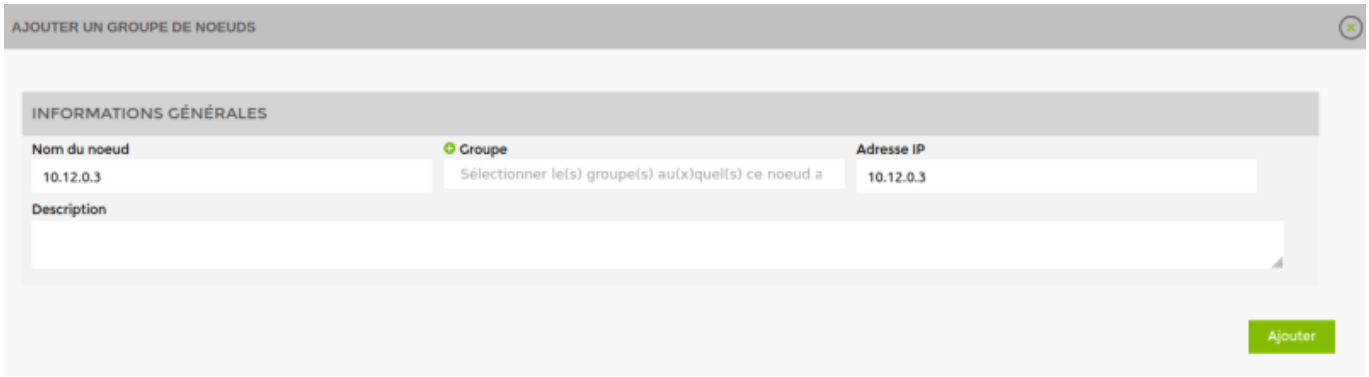
Add the various hypervisors

On the previously encoded Vcenter main page.

Click on the add button of the desired hypervisor

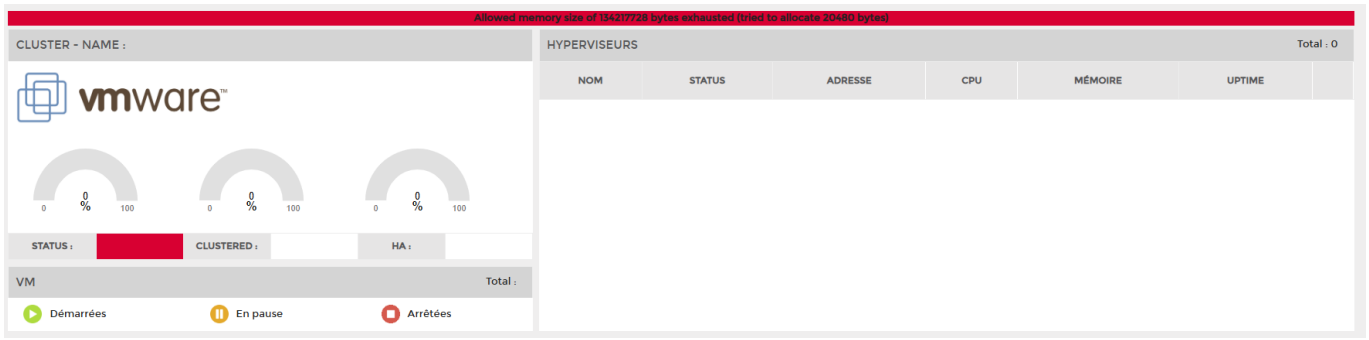


Customise the main parameters of your hypervisor.



Troubleshooting

Memory allocation issue



If you receive the error message “Allowed memory size of XXX bytes exhausted …”. This means you

need to allocate more memory to your Esia web server. To do this, you need to modify the php.ini file via SSH (root) on the Esia server. Note that the file path contains the latest version of PHP installed on your server (here, **8.2**).

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```
nano /etc/php/8.2/apache2/php.ini
```

Press ctrl+w to search for “memory_limit” and find the line :

```
php_value memory_limit 128M
```

Increase this number (without exaggeration). Here we will replace the line with :

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```
php_value memory_limit 256M
```

Next, save the file and then restart the Apache server.

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```
service apache2 restart
```

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