

Scanning a network

Start a scan

In the left-hand side menu, click on the scan module « **Importation** ».

STATISTIQUES

Nombre total de services : 156
Nombre d'équipements : 43
Types d'équipements différents : 17

ADMINISTRATION

- Lister les noeuds
- Ajouter un noeud
- Ajouter un utilisateur
- Créer un groupe

AIDE

- Wiki
- Foire aux questions
- Esiadroid

TYPE DE NOEUD	OK	ALERTE	CRITIQUE	INCONNU	NOMBRE D'ÉQUIPEMENTS	NOMBRE DE SERVICES
access Point	1	0	0	1	1	2
application	1	0	0	0	1	1
backup server	0	0	0	0	1	0
firewall	5	0	0	0	1	5
flows server	0	0	0	0	1	0
galaxy	0	0	0	0	1	0
Hypervisor	1	0	0	4	3	5
imprimante	2	0	0	0	1	2
IP Label	0	0	0	1	1	1
Total	4	0	1	0	1	5

https://10.7.0.5/plugin/importation/import_control.php

You can start your first scan from this page.

DÉMARRER UN NOUVEAU SCAN

Type de scan	Source du scan	Première IP	Dernière IP	Communauté SNMP	
SNMP	This (127.0.0.1)	10.7.0.1	10.7.0.254	public,read	Démarrer

ICMP
MAC-ICMP
SNMP

Scan type :

- ICMP for scanning via ping
- MAC-ICMP for scanning mac addresses via ping
- SNMP

Scan source If you need to scan from the same server, leave *this* (127.0.0.1). If you need to scan from a different Unity, select the appropriate one.

First IP Enter the first IP address of the range you wish to scan.

Last IP Enter the last ip address of the range you want to scan.

SNMP community Community: Enter the community previously configured on your nodes. The default community is « **public** ».

When the scan of your network is complete, you will be taken to the following page:

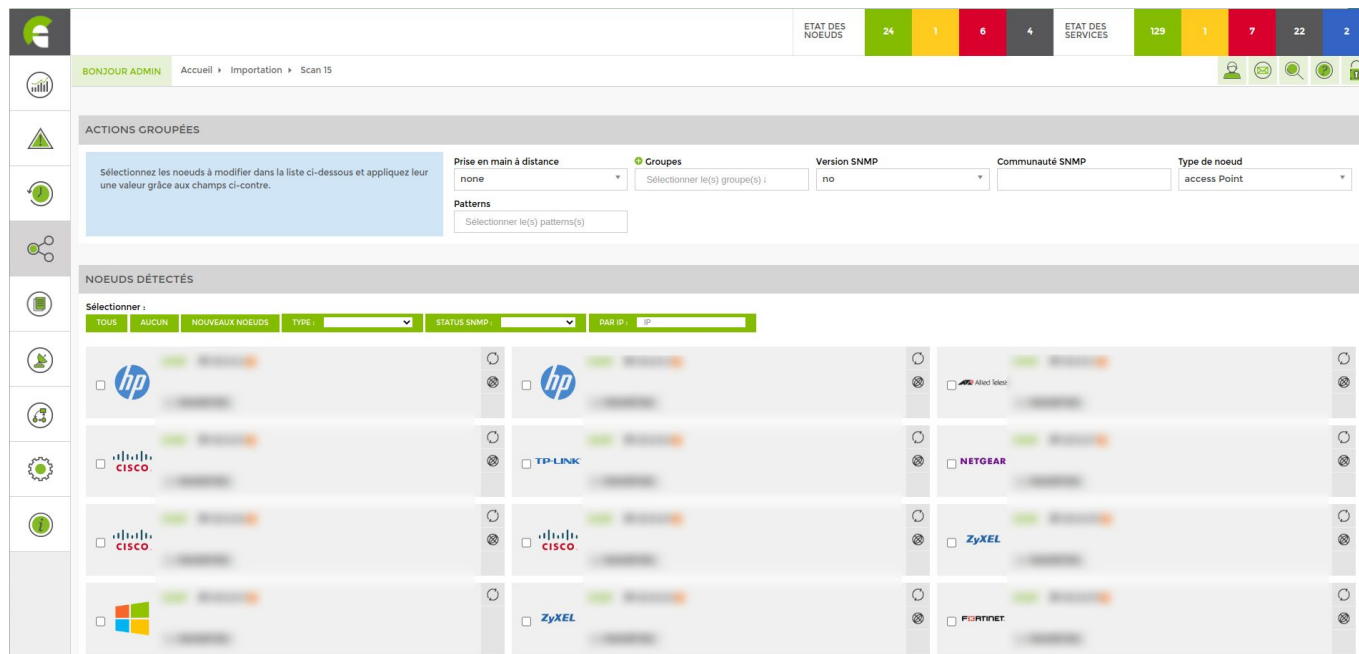
The screenshot shows a web interface for network management. At the top, there's a status bar with two sections: 'ETAT DES NOEUDS' (24 green, 1 yellow, 6 red, 4 grey) and 'ETAT DES SERVICES' (129 green, 1 yellow, 7 red, 22 grey, 2 blue). Below this, a breadcrumb trail reads 'Accueil > Importation'. The main content area is titled 'SCANS' and has a toggle for 'PRISE EN MAIN À DISTANCE'. It features a form to 'DÉMARRER UN NOUVEAU SCAN' with fields for 'Type de scan' (SNMP), 'Source du scan' (This (127.0.0.1)), 'Première IP', 'Dernière IP', and 'Communauté SNMP' (public/read), with a 'Démarrer' button. Below the form is a table titled 'HISTORIQUE DES IMPORTS TERMINÉS' showing a single scan entry with ID 15, Type SNMP, Options public.read, Agent/Source 127.0.0.1 (This), Status Terminée, and a date of 2023-03-06 10:18:01. The table has columns for ID, Type, Options, Agent/Source, Status, Date, First IP, Last IP, Free Addresses, Detected Nodes, and Action.

ID	TYPE	OPTIONS	AGENT/SOURCE	STATUS	DANS CET ÉTAT DEPUIS	PREMIÈRE IP	DERNIÈRE IP	ADRESSES LIBRES	NOEUDS DÉTECTÉS	ACTION
15	SNMP	public.read	127.0.0.1 (This)	Terminée	2023-03-06 10:18:01			229	25	

Here you can see all the scans that have been performed. To access the results of a scan, simply click on the magnifying glass in the last column.

Adding nodes following a scan

The result of a scan is shown below:



The list that appears after the scan includes all the nodes detected by ESIA Unity on your network.

The programme will bring up all the information it is possible to collect on each piece of equipment (to maximise the amount of information retrieved, please activate SNMP on each machine). To add a node, tick the desired nodes and fill in the parameters (if they are not already filled in by ESIA).

- Give it a name
- Link it to a group
- Choose the SNMP version
- Choose the SNMP community (public or read)
- Choose the node type
- Link it to a service pattern

Note that you can configure the nodes one by one via the menu corresponding to each of them. Or configure all the selected nodes at once via the 'Grouped actions' menu at the top of the window.

Then click on the “Add nodes” button at the bottom of the page.

You can now [Add tests to your nodes](#).

In video



Les tutoriels ESIA - Les scans

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