

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: SNMP (dropdown menu showing ICMP, MAC-ICMP, and SNMP)

Source du scan: This (127.0.0.1)

Première IP: 10.7.0.1

Dernière IP: 10.7.0.254

Communauté SNMP: public,read

Démarrer

Scan type :

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

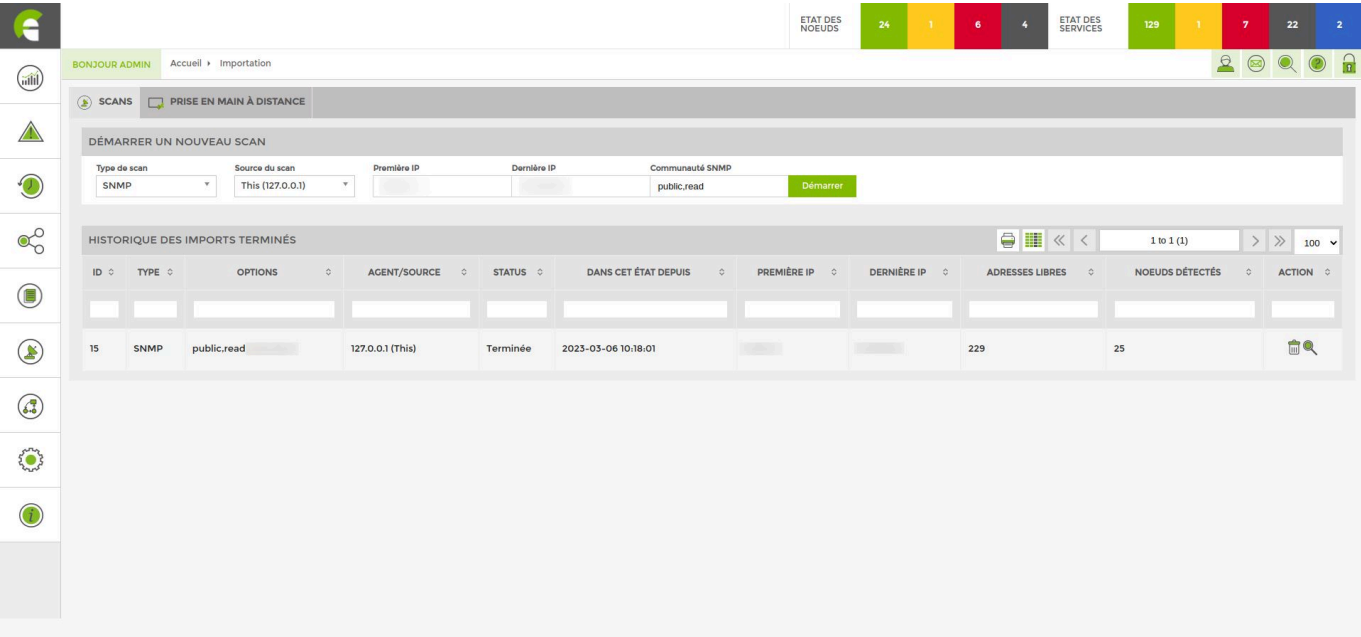
Scan source If you need to scan from the same server, leave *this* (127.0.0.1). If you need to scan from a different Unity, select the appropriate one.

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:



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 screenshot shows the ESIA Unity web interface. At the top, there's a header with a logo, a 'BONJOUR ADMIN' message, and navigation links: 'Accueil', 'Importation', and 'Scan 15'. To the right, there are two status bars: 'ETAT DES NOEUDS' with counts 24, 1, 6, 4 and 'ETAT DES SERVICES' with counts 123, 1, 7, 22, 2. Below the header, there's a sidebar with various icons. The main content area is divided into two sections. The top section, 'ACTIONS GROUPEES', contains a blue box with instructions: 'Sélectionnez les noeuds à modifier dans la liste ci-dessous et appliquez leur une valeur grâce aux champs ci-contre.' Below this are fields for 'Prise en main à distance' (set to 'none'), 'Groupes' (with a dropdown 'Sélectionner le(s) groupe(s)'), 'Version SNMP' (set to 'no'), 'Communauté SNMP', and 'Type de noeud' (set to 'access Point'). There's also a 'Patterns' field with a dropdown 'Sélectionner le(s) patterns(s)'. The bottom section, 'NOEUDS DETECTES', has a 'Sélectionner' dropdown set to 'TOUS'. Below this are filters for 'AUCUN', 'NOUVEAUX NOEUDS', 'TYPE' (a dropdown), 'STATUS SNMP' (a dropdown), and 'PAR IP' (a text input). The main area displays a grid of detected nodes, each with a checkbox, a logo (e.g., HP, CISCO, TP-LINK, NETGEAR, ZyXEL, FORTINET), and a refresh icon.

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

From:

<http://10.8.0.12/> - **Esia Wiki**

Permanent link:

http://10.8.0.12/en/intro/scan_reseau

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