

# Prerequisites

## By solution

### ESIA UNITY

To use the ESIA Unity solution in the best possible conditions, you need the following:

- Access to your ESIA interface
- At least one ESIA Unity box connected to the network
- Activate SNMP on all the equipment you wish to monitor.
- Ensure that ports 80 and 443 are open

### ESIA GALAXY

To use the ESIA Galaxy solution, you need to install the software on a server (physical or virtual) with the following configuration:

- 4 cores (64 bits)
- 4 GB RAM
- 30 GB of disk space
  - /var: 10GB
  - /usr: 10GB
  - /: 10GB
- **Debian 11 Bullseye** 64 bits (amd64)

**This is the MINIMUM configuration for standard use of ESIA Galaxy.** Depending on your needs (number of services), we may recommend a higher configuration. Please contact our technical department for more information.

If the Galaxy is used as a satellite for an Infinity or Universe server, these must have HTTPS access to the Galaxy server.

### ESIA INFINITY

To use the ESIA Infinity solution, the software must be installed on a server (physical or virtual) with the following configuration:

- 8 cores (64 bits)
- 8 GB RAM
- 50 GB of disk space
  - /var: 20GB

- /usr: 20GB
- /: 10GB
- **Debian 11 Bullseye** 64 bits (amd64)

**This is the RECOMMENDED configuration for standard use of ESIA Infinity.** Depending on your needs (number of services), we may recommend a higher configuration. Please contact our technical department for more information.

## ESIA MERCURY

To use the ESIA Universe solution, you need to install the software on a server (physical or virtual) with the following configuration:

- 4 cores (64 bits)
- 8 GB RAM
- 50 GB of disk space
  - /var: 20GB
  - /usr: 20GB
  - /: 10GB
- **Debian 11 Bullseye** 64 bits (amd64)

**This is the RECOMMENDED configuration for standard use of ESIA Mercury.** Depending on your needs (number of services), we may recommend a higher configuration. Please contact our technical department for more information.

## BOX SVALINN

The software must be installed on a server (physical or virtual) with the following configuration:

- 2 cores (64-bit)
- 2 GB RAM
- 15 GB of disk space
- **Debian 11 Bullseye** 64-bit (amd64)

**This is the RECOMMENDED configuration for standard use of ESIA Mercury.** Depending on your needs (number of services), we may recommend a higher configuration. Please contact our technical department for more information.

After installation, you will need a serial number, which we will provide you with. This serial number is used to identify the Box. You can send an email to [support@esia-sa.com](mailto:support@esia-sa.com) with the following information:

- Is the server already known to Esia (are there already linked Svalinn/Unity boxes)?
- Its hostname
- Its url or public ip https (port 2080) or private ip (if the box is on the same site as the Esia

server)

## Network feeds (for all)

For installation, updates and modifications to Esia licences, your server must have the following network access:

On ports **80** and **443** (input and output on the Internet) :

- Official Debian repositories (choice of one or the other)

French repositories : **<ftp.fr.debian.org/debian>**

Belgian repositories : **<ftp.be.debian.org/debian>**

- ESIA repositories : **<stable.repository.esia-sa.com>**

- Esia license validation server : **<licence.esia-sa.com>**

- (Esia Unity/Mercury only) Unity connection server : **<infogesa.esia-sa.com>** and **<infogesa.esia-network.com>**

At the port **22** (inbound from your local network to the Esia server) for SSH administration

(Esia Unity/Mercury only) port **2080** (input from internet)

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