

# Installation and update guide

## Installation

- **Environment :** [Redhat/Centos 6.6 \( 64bits \)](#)
- **Automatic Installation :**
  - « Un-tar » the package.
    - `tar zxvf shinken-enterprise_V02.03.XX-LANGUAGE.tar.gz`
    - This will create a **shinken-enterprise** repository that contains the installation script and all the necessary dependencies.
  - Launch the ***install.sh*** command that is at the root of the **shinken-enterprise** repository
    - it will install automatically **Shinken Enterprise** and its components.
    - However, the VMWare Sdk will require a manual installation.
      - The commands needed to launch this installation are visible at the end of the `install.sh`.
      - We do recommend to launch it directly after the installation, even if you can postpone it.
  - Launch the ***shinken-healthcheck*** command
    - It will check if Shinken Enterprise is well configured and up and running.

The full installation will do on the same server:

- install Shinken Enterprise Engine, modules and dependencies.
- activate all daemons (Synchronizer, Arbiter, Scheduler, Poller, Reactionner, Broker, Receiver).

For distributed architecture, see [Installation \(Advanced Mode\)](#)

## Update

- **Environment :** [Redhat/Centos 6.6 \( 64bits \)](#) with a 02.03.XX version of Shinken Enterprise already installed.
- **Automatic Update:**
  - « Un-tar » the package.
    - `tar zxvf shinken-enterprise_V02.03.XX-LANGUAGE.tar.gz`
    - This will create a **shinken-enterprise** repository that contains the installation script and all the necessary dependencies.
  - Launch the `update.sh` script
    - It will update **Shinken Enterprise** ( it will not have any impact on the configuration file/`etc/shinken`, so that there is no risk to erase any configuration already done before ).
  - Launch the ***shinken-healthcheck*** command
    - It will check that Shinken Enterprise is well installed and configured.

## Installation (Advanced Mode)

- **Advanced Partial Automatic Installation (enable only selected daemons) :**
  - « untar » the package.
    - `tar zxvf shinken-enterprise_V02.03.XX-LANGUAGE.tar.gz`
    - This will create a **shinken-enterprise** repository that contains the installation script and all the necessary dependencies.
  - Launch the `install.sh` command that is at the root of the **shinken-enterprise** repository but with options based on the daemons you want to be enabled on your system:
    - **--pollernode**: enable the Poller daemon (launch checks)
    - **--reactionnernote**: enable the Reactionner daemon (launch notifications)
    - **--schedulernode**: enable the scheduler daemon (schedule checks)
    - **--arbiternode**: enable the arbiter daemon (central distribution role)
    - **--receivernote**: enable the receiver daemon (receive checks)
    - **--synchronizernote**: enable the Synchronizer daemon (manage configuration)

- **--brokernode**: enable the broker daemon (export data)

#### Example

You can for example install Shinken Enterprise and directly activate the Scheduler and a Poller at the time by typing `./install.sh --schedulermode --pollernode`

- Launch the ***shinken-healthcheck*** command
  - It will check that Shinken Enterprise is well installed and configured and that daemons are running well (only those enabled).
- **After the initial installation, it is useless to relaunch the `install.sh` command to activate/de-activate daemons**
  - if you miss a daemon use the `shinken-daemons-enable` command.
  - see the chapter [Daemons listing/enable/disable](#) commands, for more details.