

# Shinken cfg file Import

Importing Shinken framework cfg file to Shinken Enterprise is very easy. You can import your previous Shinken framework configuration using the `cfg-file-shinken` source.

## Configuration

To define a shinken cfg source:

1. Configure the module in the file `/etc/shinken/modules/cfg-file-shinken.cfg` **to define the behaviour of the module**
2. **Then configure the source in the file `/etc/shinken/sources/cfg-file-shinken.cfg` to enable the source and call the module configured in step 1.**
3. Then you must declare the `cfg-file-shinken` source in the file `/etc/shinken/synchronizers/synchronizer-master.cfg`.



### Note

During the Shinken Enterprise installation process, a `cfg-file-shinken` module called `cfg-file-shinken` is already defined. It is provided to be able to import default Shinken Enterprise configuration.

## sources/cfg-file-shinken.cfg

Property	Example	Description
<code>source_name</code>	<code>cfg-file-shinken</code>	Name of this source. Must be unique.
<code>order</code>	3	Order in the merge algorithm of this source data. Look in the <a href="#">Synchronizer</a> page for more information about it.
<code>import_interval</code>	5	Launch this source every <code>import_interval</code> minutes. If you set it to 0, the module will never be launcher automatically
<code>modules</code>	<code>cfg-file-shinken</code>	The module to launch
<code>enabled</code>	0	1 - Activate the source 0 - Viewed in the interface, but doesn't collect data nor import objects.
<code>description</code>	This source is about loading a Shinken framework configuration	A description to show on the UI.

## modules/cfg-file-shinken.cfg

Here is the list of parameters required by the module to be updated the in `cfg` file.

Property	Default (if not set)	Description
<code>module_name</code>	<code>cfg-file-shinken</code>	Name of this module. Must be unique.
<code>module_type</code>	<code>cfg-file-import</code>	Can't be changed
<code>cfg_path</code>	<code>/etc/shinken/local-import.cfg</code>	The path of the <code>cfg</code> file that list file and directories to import. <pre>*** cfg_file=dependencies.cfg *** cfg_dir=hosts cfg_dir=services ***</pre>

Here there an example of the module definition:

```
define module{
    # Shinken Enterprise. Lines added by import core.
    # Do not remove it, it's used by Shinken Enterprise to update your objects if you re-import them.
    _SE_UUID XXXXXXXXXXXXXXXXXXXX
    _SE_UUID_HASH XXXXXXXXXXXXXXXXXXXX
    # End of Shinken Enterprise part

    module_name cfg-file-shinken
    module_type cfg-file-import
    cfg_path /etc/shinken/local-import.cfg
}
```

## Create a new source for cfg file import

When you have many sources of configuration (for example a new configuration in addition to the one delivered in Shinken to import), we advise you to create another automatic source.

If you keep only one source, you will have to merge the 2 Shinken configurations in the same directory. You may have naming conflicts.

### To have an additional source:

1. Create configuration files emplacement for new source by copying the `/etc/shinken-user/source-data/source-data-cfg-sample` folder and renaming it to `/etc/shinken-user/source-data/source-data-cfg-source_name`.  
Also rename `/etc/shinken-user/source-data/source-data-cfg-source_name/definition-source-data-cfg-sample.cfg` into `/etc/shinken-user/source-data/source-data-cfg-source_name/definition-source-data-cfg-source_name.cfg`
2. Copy `/etc/shinken/modules/cfg-file-shinken.cfg` into another cfg file name and configure it.
  - Change the module name, for example `cfg-file-source_name`  
Remember that the module\_name must be unique
  - `cfg_path` must be set to `/etc/shinken-user/source-data/source-data-cfg-source_name/definition-source-data-cfg-source_name.cfg`
3. Copy `/etc/shinken/sources/cfg-file-shinken.cfg` into an other cfg file name and configure it:
  - Change the source name, for example `cfg-file-source_name`  
Remember that the source\_name must be unique.
  - `modules` must be set to the new module you just defined (`cfg-file-source_name`)
4. Then you must declare the source\_name source in the file `/etc/shinken/synchronizers/synchronizer-master.cfg`.
  - Add the source name in the line sources

```
define synchronizer {
    ...
    sources syncui,cfg-file-shinken,active-dir,sync-vmware,cfg-file-nagios,discovery,cfg-
file-source_name
    ...
}
```

5. Restart the synchronizer for it to recognize the new source
6. Load your configuration files into the new source emplacement: `/etc/shinken-user/source-data/source-data-cfg-source_name`

## Global datas

Global datas can be configured in `/etc/resources.d/`. This folder contains files defining global datas for various subjects (email, mysql, oracle, ...) accessible by your objects globally in Shinken.

For easier organisation and a cleaner configuration, global datas can also be configured into the sources.

The sample cfg source folder located in `/etc/shinken-user/source-data` contains a global-data folder in which global datas definitions can be placed (a sample file is also present in this folder).

When the source is imported, these global datas files will be copied into `/etc/resources.d/source_name`.

This mechanism also allows you to overload values defined in **/etc/resources.d** with files defined in sources.