

Centreon AWIE Documentation

Release 18.10.0

Centreon

October 25, 2018

The Centreon AWIE module has been designed to help users configure several Centreon Web platforms in a faster and easier way, thanks to its import/export mechanism.

From a properly configured source environment, you can use the AWIE module to export chosen objects towards a target environment. Those objects will be replicated.

Centreon AWIE is based on CLAPI commands but its added value is to allow using Centreon Web UI instead of commands lines.

Contents:

Installation

1.1 Prerequisites

Software	Required version
Centreon Web	$\geq 2.8.21$

Centreon recommends using its official packages.

Using packages

Centreon provides RPMs for its products through Centreon Enterprise Server (CES). Open source products are freely available from our repository.

These packages are available for CentOS 6 and CentOS 7.

1.2 Installing packages

Run the following commands as a privileged user.

For CentOS 6:

```
$ yum install centreon-awie-1.0.0-1.el6.noarch.rpm
```

For CentOS 7:

```
$ yum install centreon-awie-1.0.0-1.el7.noarch.rpm
```

All dependencies are automatically installed from Centreon repositories.

1.3 Installation via sources

Run the following commands as privileged user.:

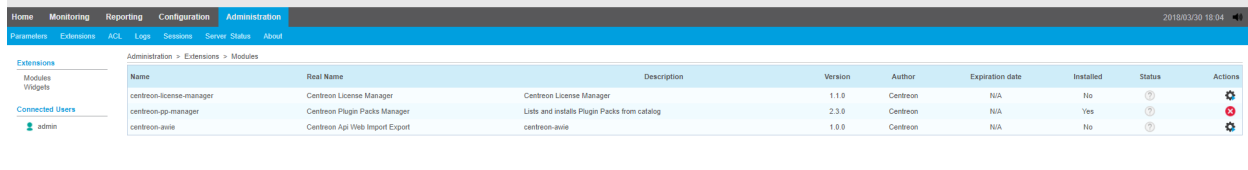
```
$ tar xzf centreon-awie-1.0.1.tar.gz
$ cd centreon-awie-1.0.1
$ bash install.sh -u /etc/centreon/
```

1.4 UI installation

Log into your Centreon Web platforms (source and target).

Go to Administration > Extensions > Modules.

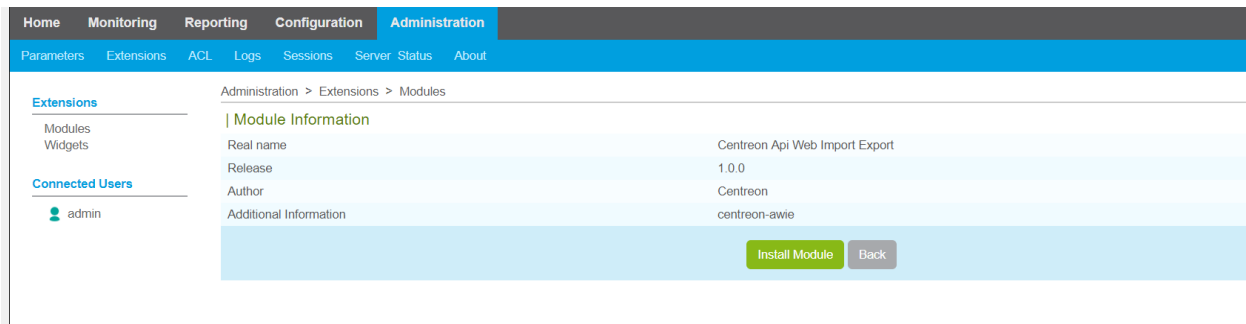
Click on “Install module” gear icon at the end of the centreon-awie line:



The screenshot shows the Centreon Administration interface. The top navigation bar includes Home, Monitoring, Reporting, Configuration, and Administration. The left sidebar has Extensions, Modules, Widgets, and Connected Users. The main content area displays a table of modules:

Name	Real Name	Description	Version	Author	Expiration date	Installed	Status	Actions
centreon-license-manager	Centreon License Manager	Centreon License Manager	1.1.0	Centreon	N/A	No	⚙️	⚙️
centreon-pp-manager	Centreon Plugin Packs Manager	Lists and installs Plugin Packs from catalog	2.3.0	Centreon	N/A	Yes	⚙️	⚙️
centreon-awie	Centreon Api Web Import Export	centreon-awie	1.0.0	Centreon	N/A	No	⚙️	⚙️

Click on the *Install module* button:

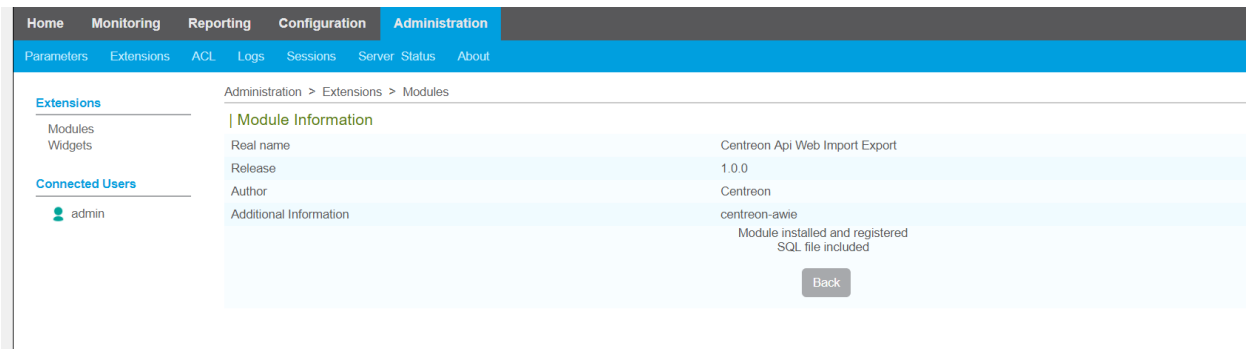


The screenshot shows the Centreon Administration interface with the 'Module Information' page for 'centreon-awie'. The page displays the following details:

- Real name: Centreon Api Web Import Export
- Release: 1.0.0
- Author: Centreon
- Additional Information: centreon-awie

At the bottom of the page, there are two buttons: 'Install Module' (highlighted in green) and 'Back'.

Click on *Back* button to finish installation:



The screenshot shows the Centreon Administration interface with the 'Module Information' page for 'centreon-awie' after successful installation. The page displays the following details:

- Real name: Centreon Api Web Import Export
- Release: 1.0.0
- Author: Centreon
- Additional Information: centreon-awie
Module installed and registered
SQL file included

At the bottom of the page, there is a 'Back' button.

Export configured Centreon Web objects

Once you have properly configured all Centreon Web objects you need (Poller, Hosts, Services, Contacts, Time Periods...) then you can export them towards another Centreon Web platform by going to:

Configuration > Import/Export

Default page is Export one.

The screenshot shows the Centreon Web interface. The top navigation bar includes 'Home', 'Monitoring', 'Reporting', 'Configuration', and 'Administration'. Below this, a secondary bar lists 'Hosts', 'Services', 'Users', 'Commands', 'Notifications', 'SNMP Traps', 'Plugin Packs', 'Pollers', 'Import/Export', and 'Knowledge Base'. The 'Configuration' tab is active, and the 'Import/Export' sub-tab is selected. The main content area is titled 'Configuration > Import/Export > Export'. On the left, there is a sidebar with 'Import/Export' (containing 'Export' and 'Import') and 'Connected Users' (showing 'admin'). The main area is titled '| Export objects:' and lists several categories with checkboxes and filter boxes:

- Pollers**: All or Filter
- Hosts**: All or Filter
- Host templates**: All or Filter
- Host categories**: Host Categories
- Services**: All or Filter
- Service templates**: All or Filter
- Service categories**: Service Categories
- Contacts**: Contacts Contactgroups
- Commands**: Check CMD Notification CMD Misc CMD Discovery CMD
- Resources**: ACL LDAP Timeperiods

 A green 'Export' button is located at the bottom right of the main content area.

2.1 Exported Archive Name

Be aware that if you change the name of the created archive, you will not be able to import it until the name of the archive is identical to the name of the file contained in the archive.

2.2 Poller Export

Configuration > Import/Export > Export

| Export objects:

Pollers		
Pollers	<input type="checkbox"/> All	or Filter <input type="text" value="Ex: name"/>

If you set the *All* check-box to yes (default value is no) then all configured pollers will be exported with their configuration files (for engine, broker...) after you have clicked on *Export* button.

If you want to export only one poller then type its **exact** name in *Filter* field (one single value is accepted, this field has no list of items proposed).

2.3 Hosts Export

Hosts		
Hosts	<input type="checkbox"/> All	or Filter <input type="text" value="Ex: name"/>
Host templates	<input type="checkbox"/> All	or Filter <input type="text" value="Ex: name"/>
Host categories	<input type="checkbox"/> Host Categories	

Hosts

Hosts	<input type="checkbox"/> All	or Filter <input type="text" value="Ex: name"/>
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Same principle as Poller export but :

If you choose to export all hosts, then host configurations, linked host templates and linked services templates will be exported but hosts will be created in target environment without their services. However, you will be able to create services by selecting value “Yes” for the *Create Services linked to the Template too* radio-button in Configuration > Hosts page, for each host. Save host configuration and export configuration.

If you export a specific host by using the *Filter* field (only one host at the same time) then the host will be created in the new platform with all its services.

Host templates

Host templates	<input type="checkbox"/> All	or Filter <input type="text" value="Ex: name"/>
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Check the *Host templates* check-box if you want to export all hosts templates.

Use the *Filter* field for one single value if you want to export one specific host template.

Host groups

Host groups All or Filter

Check the *Host groups* check-box if you want to export all host groups.

Use the *Filter* field for one single value if you want to export one specific host groups.

Host categories

Host categories Host Categories

Check the *Host categories* check-box if you want to export all host categories. There is no *Filter* field for this object.

2.4 Services Export

Services

Services All or Filter

Service templates All or Filter

Service categories Service Categories

Services

Services All or Filter

Same principle as Poller export but :

If you use the *Filter* field for a specific service, Import/Export process will create ALL services linked to the first host linked to the filtered service.

Service templates

Service templates All or Filter

Check the *Service templates* check-box if you want to export all service templates.

Use the *Filter* field for one single value if you want to export one specific service template.

Service groups

Service groups All or Filter

Check the *Service groups* check-box if you want to export all service groups.

Use the *Filter* field for one single value if you want to export one specific service groups.

Service categories

Service categories Service Categories

Check the *Service categories* check-box if you want to export all service categories. There is no *Filter* field for this object.

2.5 Contacts Export

Contacts Contacts Contactgroups

You can export all Contacts (without linked contact groups) or all Contact groups (with linked users). No *Filter*.

2.6 Commands Export

Commands Check CMD Notification CMD Misc CMD Discovery CMD

Check the check-box corresponding to the type of command you want to export (Check, Notification, Miscellaneous or Discovery). No *Filter*.

Note: Command line notification commands are not exported entirely (known issue).

2.7 Resources Export

Resources ACL LDAP Timeperiods

ACL

Check the *ACL* check-box if you want to export ACL objects (Access groups, Menus Access, Resource Access, Actions Access). No *Filter*.

Note: Relations between ACL objects are exported but links between those different objects are not created once they are imported.

LDAP

Check the *LDAP* check-box if you want to export your LDAP configuration(s). No *Filter*.

Time periods

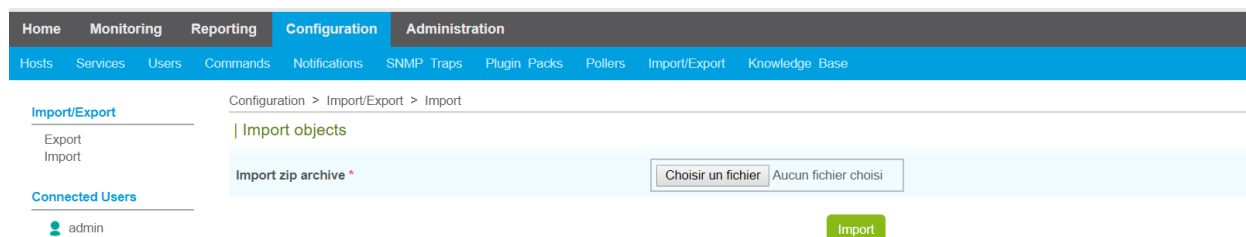
Check the *Timeperiods* check-box if you want to export all time periods. No *Filter*.

Import configured Centreon Web Objects

In the Export page, each time that the Export button is pressed, a zip archive file is created and downloaded.

This is the file that you will upload in the Import Page of another Centreon Web platform.

Go to **Configuration > Import/Export > Import** menu:



Select the centreon-clapi-export zip file you want to import then click on the *Import* button:

Configuration > Import/Export > Import

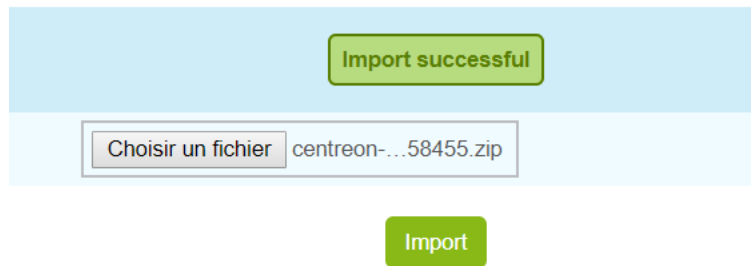
| Import objects

Import zip archive *

Choisir un fichier centreon-...58455.zip

Import

You should get “Import successful” message at the end of the process:



To check that objects have been properly imported, go to Configuration pages as usual.

Note: It is necessary to generate, test and export configuration.
