

pCon.configurator Online Installation for Linux

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1 Download install packages

If not yet done, please download the installation package of EAIWS for Linux from <https://download-center.pcon-solutions.com/?cat=7>

Unzip `pCon.configurator_Online_EAIWS_[version]_Linux_[operating_system].zip`
(e.g. to `/tmp`)

The ZIP file contains the following files:

CentOS

1. eails-1.3.0-1.x86_64.rpm
2. eails-init-1.0.1-1.x86_64.rpm
3. eaiws-[version]-1.x86_64.rpm
4. eaiws-init-1.0.0-1.x86_64.rpm
5. eaiws-user-1.0.0-1.x86_64.rpm

Debian

1. eails_1.1.0-1_amd64.deb
2. eails-init_1.0.1-1_amd64.deb
3. eaiws_[version]-1_amd64.deb
4. eaiws-init_1.0.0-1_amd64.deb
5. eaiws-user_1.0.0-1_amd64.deb

Download the pCon.update DataClient for pCon.configurator Online here <https://download-center.pcon-solutions.com/?cat=90>

2 Setting up EAIWS and EAILS

2.1 Installation EAIWS and EAILS

Run this command (adapt if needed) with root permissions or as root user:

CentOS:

```
yum install /tmp/EAIWS_[version]/*.rpm
```

Debian:

To prepare the installation please run the following commands. This will install the support for deb packages as well as Java 21:

```
apt install gdebi-core

wget -qO - https://packages.adoptium.net/artifactory/api/gpg/key/public |
gpg --dearmor | tee /etc/apt/trusted.gpg.d/adoptium.gpg > /dev/null

echo "deb https://packages.adoptium.net/artifactory/deb $(awk -F=
'^VERSION_CODENAME/{print$2}' /etc/os-release) main" | tee
/etc/apt/sources.list.d/adoptium.list

apt update

apt install temurin-8-jdk
```

To install pCon.configurator please then run the following commands:

```
gdebi eaiws-user_1.0.0-1_amd64.deb
gdebi eails_1.3.0-1_amd64.deb
gdebi eails-init_1.0.1-1_amd64.deb
gdebi eaiws_[version]-1_amd64.deb
gdebi eaiws-init_1.0.0-1_amd64.deb
```

This will create the following file structure on the server:

```
/opt/pCon/EAILS...
/opt/pCon/EAIWS...
```

And will create the needed services to (re)start the online configurator:

```
systemctl restart eails
```

In case you want to stop the service:

```
systemctl stop eails
```

2.2 Installation EAIWS Plugins

In case EAIWS plugins are required please download the corresponding plugin from the [Download Center](#). The plugins do not provide an install package. They have to be placed in the EAIWS directory manually. To do so please unzip the downloaded ZIP-file to

```
/opt/pCon/EAIWS/plugins
```

2.3 Licensing

In order to create the EAIWS license, we need to know the hostID of the server. It is written on top of each EAILS log file. Therefore, please send us one log file from here:

```
/opt/pCon/EAILS/var/log/app_2021..... .log
```

Or copy/paste this line "hostname=....., hostid=....." in an email and send it to us.

As soon as you have the license files from us, place them here

```
/opt/pCon/EAILS/etc/licenses/
```

2.4 Start services (EAILS+EAIWS) with valid licenses

Please run the following command as user `eaiws` (with `sudo`) or as `root` to restart the services:

```
(sudo) systemctl restart eails.service
```

If this does not have the desired success, please terminate the services completely by using the following commands and restart each one individually:

```
(sudo) systemctl stop eails.service  
(sudo) systemctl stop eaiws.service  
(sudo) systemctl start eails.service  
(sudo) systemctl start eaiws.service
```

Check if the services are running correctly:

```
(sudo) systemctl status eails.service  
(sudo) systemctl status eaiws.service
```

Must prompt `active (running)` in green.

3 Setting up pCon.update DataClient

3.1 Installation DataClient

Create this folder (for user: eaiws):

```
/opt/pCon/DC
```

Decompress `pCon.update_DataClient_Linux.zip` into this folder and check whether the owner is `eaiws` and scripts are executable. Go to the directory `pCon.update\DataClient\bin\` and run the `PMV enable` script once with following command:

```
sh ./dc4eaiws_pmv.sh
```

3.2 Generate Refresh Token

In order to obtain updates from the internet and for licensing purposes DataClient must be linked to a `pCon.login` account. We suggest to use a neutral account, that is not linked to a specific person. Please make sure this account is assigned a "pCon.update DataClient for Server" license.

Linking DataClient with a `pCon.login` account is done by obtaining a refresh token from:

<https://login.pcon-solutions.com/account/access>

Tokens are not automatically revoked by dcc as they may be needed again later/elsewhere. Some commands offer an option to revoke the token. When these options are used no checks are performed on whether the token is still in use by saved favorites.

Note: Till version 1.11 pCon.update DataClient was licensed by lic-Files. To migrate from lic-File to pCon.login licensing please inform support@easterngraphics.com, so we can provide a “pCon.update DataClient for Server” license to your pCon.login organization.

3.3 DataClient Installation Script

There are two possible ways to install OFML data with pCon.update DataClient:

- Updating data from pCon.update Server
- Updating data from a local directory

When updating data from a local directory we suggest to create the directory: `/opt/pCon/_data/manual`

The update packages should then be transferred into a defined sub-directory from where the DataClient can install the OFML data. This directory could be: `/opt/pCon/_data/manual/pCon.update_packages`

You can decide to separate the manual installation with different subdirectories (perhaps with dates: YYYY-MM-DD), but it's not necessary.

Which scenario and which directory path to use by the DataClient is set up in an update script. You can download a standard version of the update script here: https://downloads.pcon-solutions.com/pCon/configuratorOnline/tools/dcc_update.sh.zip Before you can call/run the update script (`dcc_update.sh`) you have to adapt the following parameters inside this script:

```
line 4:      setup the correct path to the "dcc" binary of the DataClient
            (DCC=/opt/pCon/DC/pCon.update/DataClient/bin/dcc)

line 120:   use this line for updating the data from pCon.update Server,
            you have to pass 2 parameters to the function
            "perform_update_internet":
            • TOKEN (see chapter 3.2)
            • datapath (where to install the OFML data)

            e.g.:
            perform_update_internet 'TOKEN' '/opt/pCon/_data/pCon.update'

line 122:   use this line for updating the data from a local directory, you
            have to pass 3 parameters to the function
            "perform_update_local":
            • TOKEN (see chapter 3.2)
            • package path (where the installation packages can be found)
            • data path (where to install the OFML data)

            e.g.:
            perform_update_local 'TOKEN'
            '/opt/pCon/_data/manual/pCon.update_packages'
            '/opt/pCon/_data/manual'

line 124:   setup the correct path to the "./etc/startup" directory of the
            EAIWS (see chapter 4)
```

```
e.g.: touch -h /opt/pCon/EAIWS/etc/startup/*.cfg
```

After the script was edited correctly you can run this script and the OFML data will be installed.

4 Connecting OFML data with EAIWS

After the data installation was done, you have to create a so called "startup" file to connect the OFML data with the pCon.configurator Online.

The basic content of this file (which should be created inside the directory of EAIWS: `./etc/startup`) is the following:

```
app.gf.data.profile=default
app.basket.currencies=currencies

app.framework.locale=<locale>
app.gf.data.profile=<catalog profile filename without extension>
app.gf.data.profile.path=<catalog profile path>
```

Here you have to replace the <placeholder> in line 3, 4 and 5 with the correct parameters. e.g.:

```
app.framework.locale=en_US
app.gf.data.profile=egr_ANY
app.gf.data.profile.path=/opt/pCon/_data/pCon.update/catalogs/profiles
```

You can also use the catalog registration file to connect to the OFML data:

```
app.gf.data.profile=default
app.basket.currencies=currencies
app.framework.locale=en_US
app.gf.data.profile.path=/opt/pCon/_data/pCon.update/catalogs/profiles
app.gf.data.profile.registration=/opt/pCon/_data/pCon.update/catalogs/default.profiles
```

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