

FNX proxy setup questions

Installation questions

If option fnx is used, why is also v93000-fne-client installed?

The `fne-client` is part of the license software (The client needs to correctly configure the configuration file `/etc/fne/client.conf` before establishing the connection to the server.).

How to check if proxy related packages are installed or not?

The `fne-status` command gives you a list of installed packages (requires `advantest-fne-server` package to be installed).

Are the hostnames for command `fne-proxy-setup` case-sensitive?

Yes. For example if the hostnames of the second license server is HostX2 and for the third license server is HostY3 then you need to enter the following command for setting up the proxy connection on the primary server.

```
/opt/flexlm/bin/fne-proxy-setup HostX2 HostY3
```

The hostnames are case-sensitive here. So you need to take care to use the correct upper and lower letters.

Option file usage information with FNX

With FNX environment, FNP clients can use an option file as for FNP. There are two important differences:

1. The option file is only valid for FNP-clients.
2. Please put the option file to folder `/opt/flexlm/bin`. Ideally you use the default option file name `socbu.opt`. If you do not use the default name, you need to define the name in license file `proxy.lic` in folder `/opt/flexlm/bin` as known for FNP.

If the FNE proxy already runs and you installed a new option file or changed an option file you need to restart the proxy with

```
sudo systemctl restart advantest-fne-proxy
```

to make the new / changed option file effective.

Problem with using MAX 0 in option file - Message "FATAL ... internal error" in the license server log file

Do not use **MAX 0** in the option file but use the **EXCLUDE** keyword.

Reason: if you use **MAX 0** in the option file you will get a "**FATAL ... internal error**" error message in the log file with trying to checkout this license with the user / host which shall not be able to do it. In this case the search algorithm tries to check out -1 licenses and fails and therefore the "**FATAL ... internal error**" is written to the log file.

Positive is that the license cannot be checked out as defined with the option file. Therefore, the functionality is working, but there are unnecessary and incomprehensible error messages in the log file.

The use of **EXCLUDE** instead prevents these error messages.

Revision #3

Created 2025-10-15 09:54:05 CEST by Ekaterina Nikitina

Updated 2025-10-29 01:07:54 CET by Jiawei Zhang