

How to check if the FNE server is running

You can check the following:

1. [Is the FNE server running?](#)

Note: if you have an **FNE failover setup**, you need to check this both for the **FNE primary and the FNE failover** servers.

2. [Are licenses provided?](#)

Note: Using both tools provided in the sections "1. Is the FNE server running" and "2. Are licenses provided?" below, your customer can use a monitoring tool to check, if the FNE license server(s) are okay and providing licenses.

3. [For failover setup: when is the maintenance end reached?](#)

This is an **optional check**, for the case you want to know when the maintenance end is reached by the failover, when the primary server is down.

1. Is the FNE server running?

If you want to check, if the FNE server is running, you can use the :7070/ping REST API. In a browser enter

```
http://<FNE_hostname>:7070/ping
```

For a **failover setup** you have to do this for the **primary and the failover** FNE server!

Output in the browser, if the server is running:

```
{
  "LLS" : {
    "version" : "2023.03.1",
    "buildDate" : "2023-03-30T16:08:29Z",
    "buildVersion" : "266223",
    "branch" : "release/2023.03.1",
    "gitHash" : "e9cab6824014140724a1d22ba654ec5faafd5a59",
    "patch" : "1",
    "fneBuildVersion" : "54",
    "serverInstanceID" : "L8CHEVA4PV78",
    "trustStatus" : true,
    "database" : {
      "connectionCheck" : "success"
    },
    "security" : "enabled",
    "httpAuth" : "enabled",
    "licensingSecurityJSON" : "enabled",
    "diskspace" : "ok"
  }
}
```

If it is not working, then you get an error page.

2. Are licenses provided?

Note: the tool `test_license_checkout` can be used **after** FNE server registration.

In order to check, if the license checkout is working, you should use the tool `test_license_checkout`, which is also available on the FNE license server. Just checkout the dummy license with

```
test_license_checkout -f dummy -t 0
```

Example for a successful checkout:

```
Using FlexNetEmbedded 2022.09.0.286835 / subsystem 1.3 / built Mar  8 2023 10:54:00 (RPM)
Check out finished in 74ms for category tplf
OK    1 x dummy/1.0
Sleep for 0 seconds...
```

Check for the "OK 1 x dummy" line. If it is available, the checkout was successful.

3. For failover setup: when is the maintenance end reached

With the following command executed on the failover server you can get the date/time when the maintenance of the failover ends.

```
/opt/flexnetls/socbu/fne-get-config -l maintenanceEndTime
```

If you get as output

```
1970-01-01T00:00:00.000Z
```

then the failover is not (yet) active.

Example output for an active failover executed on August 7th, showing that the maintenance will end on August 17th:

```
2023-08-17T13:02:28.000Z
```

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