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.

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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.

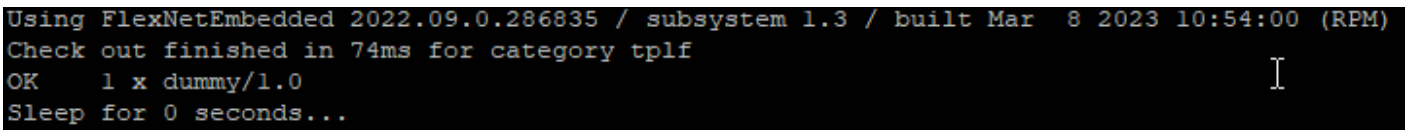
2. Are licenses provided?

> 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:



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 -1 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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