

# Installing emergency licenses for license servers unavailable due to network problems

If your network is not reachable, you must install a local license server and emergency license on each of your test system controllers (workstations).

## About this task

After you have received the emergency licenses, complete the following procedure on each test system controller (tester workstation).

## Before you begin

Provide the host ID and hostname of every controller and obtain one (1) emergency license for each controller.

If, for example, you have a network problem and 5 workstations are affected, you must get 5 emergency licenses to establish 5 local license servers (one on each workstation).

For details, see [Requesting emergency licenses](#).

## Procedure

1. Stop any other running local license servers.
2. If not already available, install the FLEXlm executables (`lmgrd`, `lmutil`, ...) in the directory: `/opt/flexlm/bin`.  
If you do not have the executables, download them from:  
<https://www.advantest.com/service-support/ic-test-systems/products-list/v93000-licensing>  
> **FLEXlm License Server Software Downloads and Documents**
3. Create the directory: `/opt/flexlm/ELF`

4. Copy the emergency licenses to the `/opt/flexlm/ELF` directory.
5. Start `lmgrd` pointing to the `/opt/flexlm/ELF` directory:  

```
/opt/flexlm/bin/lmgrd -c /opt/flexlm/ELF -l /opt/flexlm/log/log-file-name
```
6. To ensure that SmarTest accesses the emergency license, set the `SOCBU_LICENSE_FILE` environment variable to the `/opt/flexlm/ELF` directory.

## What to do next

After the network problems are fixed:

- Emergency licenses and any backups must be deleted.
- `SOCBU_LICENSE_FILE` environment variable must be reset on every test system controller (workstation).
- License server process `lmgrd`, pointing to the `/opt/flexlm/ELF` directory, must be stopped.

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Revision #2

Created 2025-10-15 09:59:03 CEST by Ekaterina Nikitina

Updated 2025-10-15 11:02:05 CEST by Ekaterina Nikitina