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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