



Description: Guide to setting up redundant servers for ICONICS Licensing & Security to use with your GENESIS32 system.

OS Requirement: Win NT, 2000, XP, 2003

General Requirement: An installed GENESIS32 system or any product from the GENESIS32 product family, with a software license.

Redundancy

ICONICS GENESIS32 allows for license and security server redundancy for mission-critical applications that cannot afford any down time. The ICONICS GenBroker application is the tool used to set up this type of redundancy. One may have up to two servers or nodes to act as Primary & Back Up licensing and/or Security servers.

Architecture to be Discussed

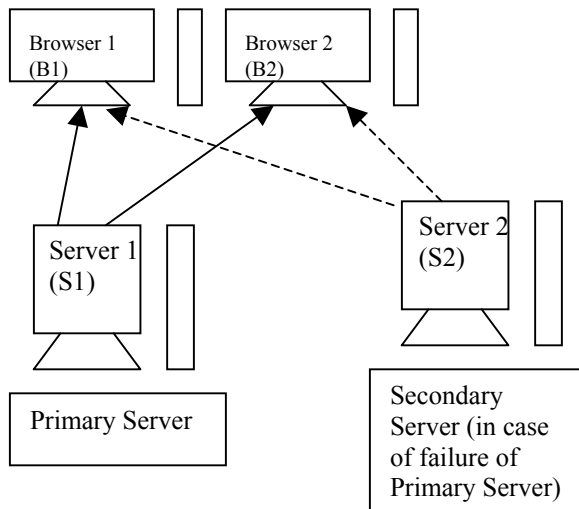


Figure 1

Figure 1 above, shows the architecture we will try and set up in this document.

GenBroker set up on B1 & B2

On nodes B1 and B2 shown in Figure 1, the GenBroker Configurator needs to be set up to point to S1 for Primary source of License & Security and to S2 for the Backup Source of License & Security:

1. Open the GenBroker Configurator from **Start → Programs → ICONICS GENESIS32 → Tools → GenBroker Configurator**.
2. Select **Administrative Servers** on the left hand side.
3. Double click on **Licensing** to bring up the **Licensing Servers** window.

4. Set the **Primary** licensing server to **S1** (you may use either network node name or IP address) and **Backup** to **S2**. See Figure 2.

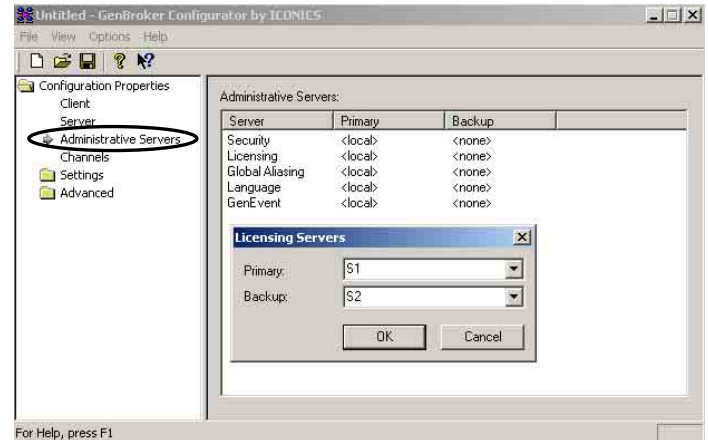


Figure 2

5. Follow steps 2-4 for the Security Server as well.

Running GenBroker on S1 & S2

With the client side (B1 and B2) set up for obtaining license and Security from S1 and S2 (in the case of failure of S1), only one step remains. Make S1 and S2 need to serve up license and security information to the requesting clients (B1 and B2 in this case) using the GenBroker Server:

1. On both S1 and S2, go to **Start → Programs → ICONICS GENESIS32 → Tools → GenTray** to start GenTray.
2. Click on the GenTray icon (pink triangle) in your system tray and select **GenBroker**.
3. Select **NT Service** and **Automatic** options, as shown in Figure 3.
4. With this configuration, GenBroker will run as soon as the systems are booted up, thus making them ready to server up license and security data to B1 and B2.



Figure 3