GenBroker – GENESIS Browser Node Setup

APPLICATIONS NOTE

October 2013

Description: Guide to setting up GENESIS32 Browsers to get remote License & Security using GenBroker
OS Requirement: Win 2000, XP Pro, Server 2003, Vista, Server 2008, Windows 7
General Requirement: Understanding of GENESIS32 Browsers and how they work

Configuring GenBroker on the Browser Machine

1. Go to Start → Programs → ICONICS Tools → GenBroker Configurator.
2. Expand the left hand tree and select "Administrative Servers" as shown in Figure 1.

Figure 1 - GenBroker Configurator

3. Double click on Licensing and add a primary license server for the GENESIS32 Browser station. You may wish to add a backup server as well.

   NOTE: GENESIS32 Browser station cannot have local licensing. They must obtain license from a remote station.

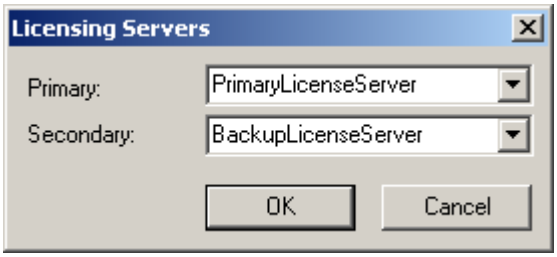

Figure 2 - Selecting the Licensing Servers

4. Users can also add remote servers for Security, Global Aliasing, Language Aliasing and GenEvents servers. If you wish to set up remote servers for these features, follow the same steps as for the Licensing server.
5. Select "Channels" on the tree in the left hand side. Right-click on the "OPC over TCP/IP" channel and select "Set as Default."
6. Right-click again and choose "Add node." Select or type in your primary license server. Repeat for your secondary license server and any other administrative servers you are using.

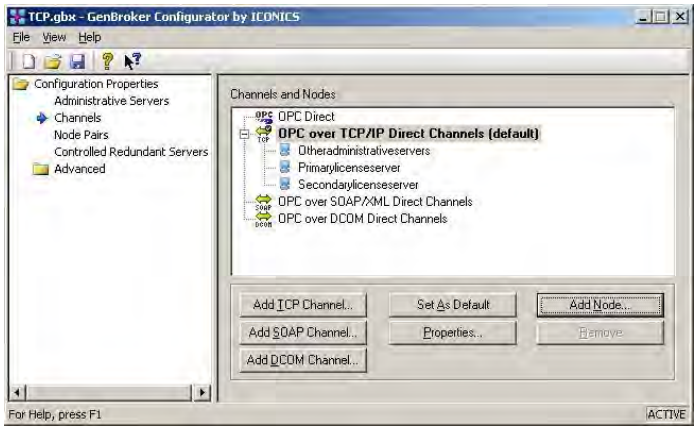

Figure 3 - Channels and Adding a Node

7. Select File → Save As and save the file with a name.
8. Exit the GenBroker Configurator.
9. Your GENESIS32 Browser node now knows to communicate to the primary and backup license servers via TCP/IP. If you prefer to communicate using a different channel, you may select any other channel as the default and/or add the appropriate servers to that channel.

Run GenBroker on the Server

1. On server machine(s) (license server, security server, or other servers), all you need to do is start the GenBroker application by going to Start → Programs → ICONICS Tools → MonitorWorX
2. Right-click the GenBroker item as shown below to start the server.

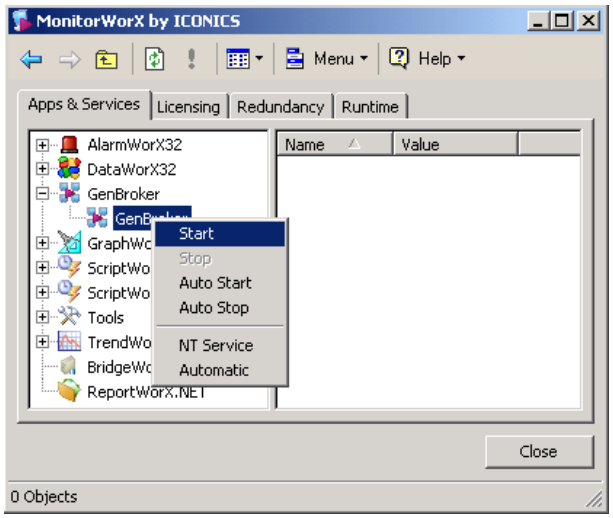

Figure 4 - Start GenBroker Server