GENESIS64 – Running GenBroker32

APPLICATION NOTE

July 2012

Description: Guide to running the 32-bit GenBroker alongside GENESIS64 to allow serving GENESIS32 administrative servers including licensing and security.
OS Requirement: Windows Server 2003 x64/Vista x64/ Server 2008 x64/Windows 7 x64/ Server 2008 R2 x64
General Requirement: GENESIS32 and GENESIS64 installed.

Introduction

When installing GENESIS32 and GENESIS64 on the same machine, by default the 64-bit version of GenBroker takes precedence. This can make it difficult if not impossible to have this machine serve licensing, security, and other administrative services to 32-bit clients.
This application note will walk you through making the 32-bit version of GenBroker be the running copy, allowing this machine to act as a 32-bit administrative server.

Unregister the 64-bit GenBroker

1. Open the Start menu and type "services.msc" into the search box (or go to Start → Run and type "services.msc").
2. Double-click on the service named ICONICS GenBroker.
3. On the General tab, make sure that the service is named "IcoGenBroker".

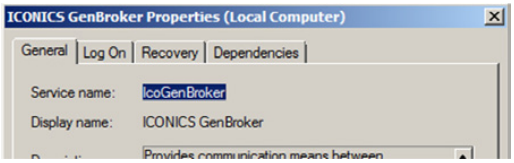

Figure 1 - IcoGenBroker service

NOTE: If the service name is "GenBroker" then your 32-bit GenBroker is already active. You do not need to follow the rest of the steps in this application note.

4. If it is not already stopped, hit the Stop button, then click Ok.
5. Open the start menu again and type "cmd" (or go to Start → Run and type "cmd").
6. In the command prompt that opens, type this command and hit Enter:

```
sc delete IcoGenBroker
```

7. Refresh the Services Control Panel. The ICONICS GenBroker service should now be gone.

Register the 32-bit GenBroker

1. Re-run the Application Setup Utility from Start → Programs → ICONICS → Tools.

NOTE: If you do not want to run the Application Setup Utility for some reason see the section below entitled "Alternative: Manually Registering GenBroker".

2. Reboot your machine.
3. Open the Start menu and type "services.msc" into the search box (or go to Start → Run and type "services.msc").
4. Double-click on the service named ICONICS GenBroker.
5. On the General tab, make sure that the service is named "GenBroker".

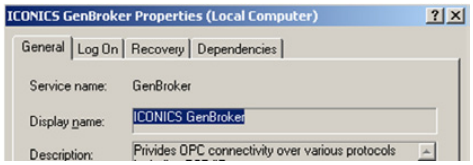

Figure 2 - GenBroker service

6. Go to the Log On tab and make sure that GenBroker is running as the same user as your other ICONICS services. Hit Apply if you made any changes.
7. Go back to the General tab and hit Start if the service is not already running. You may also want to set it to run as an Automatic service in the "Startup type" section.
8. Confirm that you can now get licensing and/or security data from this machine by running a Genesis32 product.

Alternative: Manually Registering GenBroker

Only follow these steps if you did not want to run the Application Setup Utility in step 1 of the "Register the 32-bit GenBroker" section.

NOTE: The paths below may be different on your machine if you did not install GENESIS32 to the default location.

1. Browse to:
   C:\Program Files (x86)\Common Files\ICONICS\GENESIS32\
2. Double-click on RegistrationContextMenu.reg. Click "Yes" and "OK" to the dialogs.
3. Browse to C:\Program Files\Common Files\ICONICS
4. Right-click on GenBroker.exe and select Register Service.
5. In the services console (open the Start menu and type "services.msc" into the search box) you may want to change the identity of the GenBroker service. Double click the ICONICS GenBroker service and go to the "Log On" tab and select "This account"
6. Provide local administrative credentials
7. You may also want to change the Startup type to Automatic on the General tab
8. Restart the service
9. Verify that on your GENESIS32 clients you can read data, license, security and other Administrative services from this server.

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