



Description: How to setup SOAP/XML communications for GenBroker.

OS Requirement: Windows XP/2000/NT,

General Requirement: GENESIS32 v8.0 must be installed the Server PC and the SOAP server SHOULD have IIS (Internet Information Server) installed

Setting Up Your GenBroker Server PC:

You must do the following to use SOAP/XML on the GenBroker server PC:

1. Server must have GENESIS32 v7.0 or higher installed (not Beta or RC)
2. Server must have IIS 5.0 or higher installed.
3. From **Start->Programs->ICONICS GENESIS-32-Tools** select the **SOAP Wizard**. This utility will assist you in setting up your GenBroker SOAP/XML server. You will need to enter the name of the PC which will be the SOAP server (should be the PC you are running the wizard on).



Fig 1: SOAP/XML Wizard

4. Add **"Network"** to the default launch and access permissions in DCOM:
 - Type "DCOMCNFG" into the **Start->Run** field and hit enter
 - Go to the **"Default Security"** tab in the DCOM Configuration Properties window

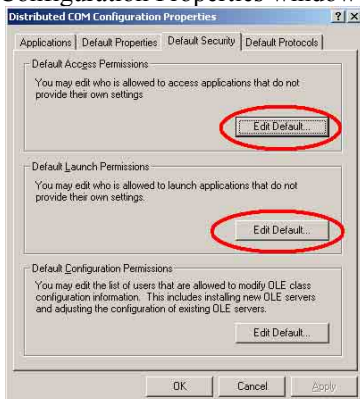


Fig 2: DCOM Configuration

5. Under **"Default Access Permissions"** click on the **"Edit Default"** button. In this dialog you should make sure that **"Network"** is there, otherwise click on **"Add..."** and select it from the list of local users and groups.
 - Follow the same procedure as above for the **"Default Launch Permissions"**.

NOTE: On Windows 2003 servers, please add Network Services and Network

NOTE: The DCOM configuration dialog will look different on Windows XP and Windows 2003

6. Set up GenBroker to run as service (Manual preferably, so we can see IIS start GenBroker when a client request is made). SOAP will take care of starting it if a call is made.
7. Reboot the PC and other PCs will be able to use your PC as a GenBroker server over SOAP!

Optimization Tip:

Disable TCP/IP server in the GenBroker Configurator -> GenBroker Server tab. The TCP/IP Initialization code slows down the GenBroker.exe module initialization, causing a delay the first time it is started.

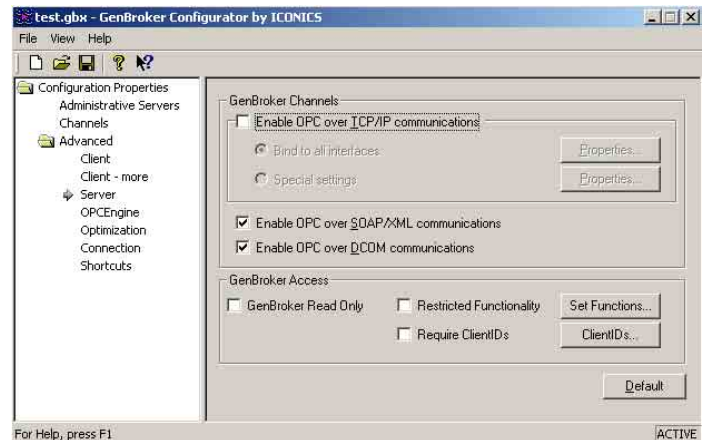


Fig 3: Optimization within GenBroker