

**Description:** Guide to setup SOAP/XML communications for GenBroker

**OS Requirement:** Win 2000 Pro/Server, XP Pro, Server 2003

**General Requirement:** GENESIS32 v9.0 must be installed the Server PC and the SOAP server must have IIS (Internet Information Server) installed

## Server PC Setup

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 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).



Figure 1 - SOAP/XML Wizard

4. Add **“Network”** to the default launch and access permissions in DCOM by Typing in “DCOMCNFG” into the **Start → Run** field and hit enter
5. Go to the **“Default Security”** tab in the DCOM Configuration Properties window

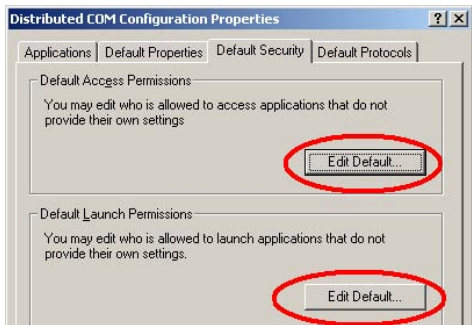


Figure 2 - DCOM Configuration

6. 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.
7. 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. On these machines, if there are “Edit Limit” options, you should click on these buttons and do the same steps.

8. 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.
9. 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 **GenBroker Configurator → Advanced → Server → General**. The TCP/IP Initialization code slows down the GenBroker.exe module initialization, causing a delay for the first time it starts.

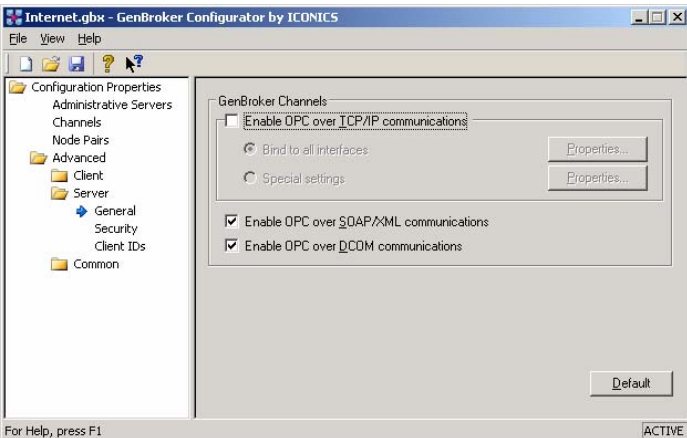


Figure 3 - Optimization within GenBroker