



Bulletin 04

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Installing S2S Edge and S2S Central on the Same PC

This bulletin provides step-by-step instructions for installing and running S2S Edge server simulator and S2S Central host simulator on the same computer.

Install and Configure the S2S Edge Server Simulator

1. Install the SmartEGM instance of RST using the default installation, but change the target directory to: **C:\Program Files\RadBlue System Tester S2S Edge**
2. When the installation is complete, go to the **Start** menu.
3. Right-click the **RadBlue System Tester** entry, and rename it to: **RadBlue System Tester S2S Edge**
4. Rename the newly created desktop icon to: **RST S2S Edge**
5. Double-click the **RST S2S Edge** desktop icon to launch the application.
6. When the **Initial Desktop Setup** screen displays, select the **S2S_Edge** desktop.
7. From the **Configure** menu, make the following changes to **Desktop Options**:
 - a. Change the default desktop to **S2S_Edge**.
 - b. Deselect **Ask for desktop on startup**.
8. Make the following changes to **Engine Options**:
 - a. Change **Target URL** to: **http://localhost:40101/RST/api-services/S2SAPI**
 - b. Change **My URL** to: **http://localhost:41101/RST/api-services/S2SAPI**
 - c. Change the **Derby Port** to: **41301**
 - d. Change the **Soap Port** to: **41101**
 - e. Change the **SSL Port** to: **41201**
9. Click **Apply**, and then click **OK**.
10. Close the S2S Edge instance of RST.

Install and Configure the S2S Central Host Simulator

1. Install a second copy of RST for the S2S Central Host instance using the default installation, but during the installation, change the target directory to:
C:\Program Files\RadBlue System Tester S2S Central
2. When the installation is complete, go to the **Start** menu.
3. Right-click on the **RadBlue System Tester** entry, and rename it to:
RadBlue System Tester S2S Central
4. Rename the newly created desktop icon to: **RST S2S Central**
5. Double-click the **RST S2S Central** desktop icon to launch the application.
6. When the Initial Desktop Setup screen displays, select the **S2S_Central** desktop.
7. From the **Configure** menu, make the following changes to **Desktop Options**:
 - a. Change the default desktop to: **S2S_Central**
 - b. Deselect **Ask for desktop on startup**.
8. Make the following changes to **Engine Options**:
 - a. Change **Target URL** to: **http://localhost:41101/RST/api-services/S2SAPI**
 - b. Change **My URL** to: **http://localhost:40101/RST/api-services/S2SAPI**
 - c. Change the **Derby Port** to: **40301**
 - d. Change the **Soap Port** to: **40101**
 - e. Change the **SLL Port** to: **40201**
9. Click **Apply**, and then click **OK**.
10. Close the S2S Central instance of RST.

Run Both Tools at Once

1. Run S2S Central. This should be done *before* the Edge server tries to connect to the Central host
 - a. Launch the RST using the **RST S2S Central** icon (created above).
 - b. Select the appropriate script to run. Depending on the version of S2S you are running (1.2.6 or 1.3.1):

select **../scripts/s2s/1.2.6/host/S2S-1.2.6-Host-Fullxslt for S2S 1.2.6**
or
select **../scripts/s2s/1.3.1/host/S2S-1.3.1-Host-Fullxslt for S2S 1.3.1**
 - c. Click **Open**. Once you have made the selection, the tool remembers your choice until it is reinstalled.
 - d. Press **Start Script** to start the script
2. Run S2S Edge.
 - a. Launch the RST using the **RST S2S Edge** icon (created above).
 - b. Select the appropriate script to run. Depending on the version of S2S you are running (1.2.6, or 1.3.1):

select **../scripts/s2s/1.2.6/edge-system/S2S-1.2.6-Edge-System-Fullxslt**
or
select **../scripts/s2s/1.3.1/edge-system/S2S-1.3.1-Edge-System-Fullxslt**
 - c. Click **Open**. Once you have made the selection, the tool remembers your choice until it is reinstalled.
 - d. Click **Start Script** to start the selected script.

Important Note!

The user interface will not be available within the second tool (due to an issue in the web display package we are using). To see the user interface for the second tool, paste the URL presented on the Interface tab (on the Engine layout) into a **Firefox™** browser. (You **must** use Firefox, which can be downloaded from the Mozilla web site.)

If you are only running one tool on one PC, this is not an issue.

- e. Complete the information screen on the client represented by the Edge. The Edge then sends a `commsOnline` command to the Central Host, after which you can begin sending messages between the Edge and Central.