



ALARM LOCK

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Note: Technical Service is for security professionals only

ALARM LOCK SQA Engineering Technical Advisory



Date: Monday, March 30, 2015
Subject: Workstation not detecting Server database
Models: DL-Windows V5 and greater

After using the "Server" installation to create a DL-Windows V5 database and configuring it in "Server mode", if a Workstation still cannot locate the database (i.e. not listed in the **Database Server Name** pull-down list), the Windows Firewall may be responsible for blocking access to the database.

To 'allow' the Server passage through the Windows Firewall, perform the following:

Note: For more information regarding setting up DL-Windows in "Server mode" for Workstations, see the DL-Windows User's Guide (WI382).

1. Open the "**Run**" dialog from the Windows **Start Menu**.
2. Type "Firewall.cpl" in the **Open** field and click **OK**.
Tip: Before continuing, you might try disabling Windows Firewall and re-launching the Database Configuration utility; if a Workstation is then able to locate the database, this will serve as a likely confirmation that the Windows Firewall is responsible for blocking access.
3. Click "**Advanced settings**".
4. On the left pane, under "**Windows Firewall with Advanced Security on Local Computer**", click "**Inbound Rules**".
5. Under **Actions > Inbound Rules**, select **New Rule...**, and the **New Inbound Rule Wizard** dialog opens.
6. Click the **Port** radio button and click **Next**.
7. Take special notice of the option "**Does this rule apply to TCP or UDP?**" (keep this selection in mind for a later step). Verify **TCP** is selected. Also select "**Specific local ports:**", and type "**1433, 1434**" in this field (quotes omitted). Click **Next**.
8. Verify the "**Allow the connection**" radio button is selected, then click **Next**.
9. Verify ALL checkboxes are checked (**Domain, Private** and **Public**), then click **Next**.
10. In the "**Name**" field, type "SQL PORTS" (quotes omitted). Click **Finish**.
11. Repeat steps 5 - 10, but in step 7 select **UDP** and continue through step 10.
12. On the left pane, under "**Windows Firewall with Advanced Security on Local Computer**", now click "**Outbound Rules**". Carefully repeat steps 5-11 (this will enable ports 1433 and 1434 for TCP and UDP outbound).