Manually installing SQL for Ajera

Determine what version of Microsoft SQL Server your firm requires. The Ajera installation automatically installs Microsoft SQL Server 2008 R2 Express as its database on your server. Your database size and the number of Ajera users may require that you install a full version of Microsoft SQL Server 2008 or 2012.

Follow the instructions in this document only if one of the following scenarios applies:

- Your firm requires a version of Microsoft SQL Server other than SQL Server 2008 R2 Express.
- You need to install SQL Server 2008 R2 Express to a different directory than the default location.

Note: The steps described in this document work for both Ajera 7 and Ajera 8.

Before you begin

- 1. Verify that Microsoft .NET Framework 3.5.1 is installed on the server and on each workstation that requires access to Ajera. The installation requires this version.
- 2. On your Ajera server, open Server Manager and add the .NET 3.5.1 features.
- 3. Click Next.
- 4. Run setup from the DVD or other installation files.
- 5. Depending on your User Account Control settings in the Control Panel, click **Yes** to continue.

Install SQL Server

- 1. In the left-hand panel of the SQL Server Installation Center window, click Installation.
- 2. In the right-hand panel, click the **New SQL Server stand-alone installation or add features to an existing installation** link.
- 3. On the Setup Support Rules window, fix any listed failures and click OK.
- 4. If you are installing the full version of SQL Server 2008 or 2013, enter your product key on the **Product Key** window and click **Next**.
- 5. On the License Terms window, select the I accept the license terms check box and click Next.
- 6. The Setup Support Rules window reappears. Fix any failures listed and click Next.
- 7. On the Setup Role window, select the SQL Server Feature Installation option and click Next.

- 8. On the **Feature Selection** window (illustrated below), select the following check boxes and click **Next**:
 - Database Engine Services (required)
 - Management Tools Basic (optional, allows Axium access to troubleshoot issues)
 - Management Tools Complete (optional, allows Axium access to troubleshoot issues)

| SQL Server 2012 Setup | | |
|---|--|--|
| Feature Selection Select the Enterprise Edition: 0 | ore-based Licensing features to install. | |
| Setup Support Rules Setup Role Feature Selection Installation Rules Installation Rules Installation Rules Server Configuration Database Engine Configuration Error Reporting Installation Configuration Rules Ready to Install Installation Progress Complete | Features: Image: Service Services SQL Server Replication Club Quality Services Data Quality Services Club Quality Services Reporting Services - Native Shared Features Reporting Services - SharePoint Club Quality Services Data Quality Services Shared Features Reporting Services - SharePoint Data Quality Clent SQL Server Data Tools Clent Tools Connectivity Integration Services Clent Tools Connectivity Doministation Components Management Tools - Basic Management Tools - Complete Distributed Replay Controler Shared feature directory: Sc: Program Files (Microsoft SQL Sc) Shared feature directory (x8): C: Program Files (v86)(Microsoft SQL Sc) | |

9. The Setup Support Rules window reappears. Fix any failures listed on the window and click Next.

- 10. On the **Instance Configuration** window (illustrated below), check the **Named instance** option and enter an instance name of *Axium*. In the **Instance ID** field, enter *Axium*.
 - **Warning:** This Axium instance name must exist in order for the Ajera installation to connect successfully with your full version of SQL. If the Ajera installation cannot find the Axium instance name, it installs SQL Server 2008 R2 Express by default.

| SQL Server 2012 Setup | | | | | |
|--|--|-----------------------|-------------------------|------------------|-------------|
| Instance Configuration | | Server, Instance ID b | pecomes part of the ins | stallation path. | |
| Setup Support Rules Setup Role Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Error Reporting Installation Configuration Rules | C Default instance Named instance: Instance ID: Instance root directory: SQL Server directory: Installed instances: | | | HSSQL11.AXIUM | |
| Ready to Install Installation Progress Complete | Instance Name | Instance ID | Features | Edition | Version |
| | | | | | |
| | | | < Back | Next > | Cancel Help |

11. If you want to install SQL somewhere other than the default location, enter the path to a local drive and folder on your server in the **Instance root directory** field (illustrated below). Click **Next**.

| SQL Server 2012 Setup | | | | | _[0] |
|--|---|--------------------------------|------------------------|------------------|-------------|
| Instance Configurati | | Server. Instance ID | becomes part of the in | stallation path. | |
| Setup Support Rules Setup Role Feature Selection | C Default instance Named instance: | Axium | | | |
| Installation Rules Instance Configuration Disk Space Requirements Configuration | Instance ID: | AXIUM y: C: Program Files V | Microsoft SQL Server \ | > | |
| ierver Configuration Database Engine Configuration Irror Reporting Installation Configuration Rules Ready to Install | SQL Server directory: Installed instances: | C:\Program Files | Microsoft SQL Servery | MSSQL11AXUM | |
| Installation Progress Complete | Instance Name | Instance ID | Features | Edition | Version |
| | | | | | |
| | | | | | |
| | | | < Back | Net > | Cancel Help |

- 12. The **Disk Space Requirements** window displays a summary of space available on the drive where you selected to install SQL. Click **Next**.
- 13. On the Server Configuration window (illustrated below), set the SQL Server Browser, Startup Type setting to Automatic and click OK.

| Setup Role Feature Selection | Service Accounts Collation Microsoft recommends that you use a separate account for each SQL Server service. | | | | |
|---------------------------------|---|--------------------------|--|-----------|---|
| Installation Rules | Service Account Name Password Startup Typ | | | 1 | |
| nstance Configuration | SQL Server Agent | NT Service'/SQLAgentSAXL | | Manual | |
| Disk Space Requirements | SQL Server Database Engine | NT Service WSSQL SAXUM | | Automatic | |
| Server Configuration | SQL Server Browser | NT AUTHORITY'LOCAL SE | | Automatic | - |
| Complete | | | | | |

14. On the **Database Engine Configuration** window (illustrated below), click the **Server Configuration** tab. Select the **Mixed Mode** option and enter a password, using only letters and numbers without special characters, such as \/:*?<>|. Store your password in a secure location for future reference.

| te Engine. Rion) account. St. Server administrators have Unrestricted access to the Database Engine. |
|---|
| |

- 15. Click Add to enter your SQL Administrators.
- 16. Click Next until the Ready to Install window appears. Click Install.
- 17. When prompted to restart your computer, click **OK** and close all the windows.
- 18. Go to Start > All Programs > Microsoft SQL Server 2008 or 2012, and choose the Configuration tools > SQL Server Configuration Manager.
- 19. Restart the Axium instance of SQL Server (illustrated below). If it is not already enabled, enable TCP/IP so that users can connect to SQL Server.

| Protocol Name | Status |
|---------------|---------------|
| Shared Memory | Enabled |
| Named Pipes | Disabled |
| TCP/IP | Disabled |
| - | |
| | Т |
| | |
| | 1 |
| | Shared Memory |

Your SQL installation is now complete.

20. You can now install Ajera. Refer to the <u>Ajera Installation Guide</u> for detailed steps.