**SCC Requirement Checks**

**Purpose:** *Use this job aid to learn about the System Configuration Checker (SCC) requirement checks*.

When running the SQL Server Setup for an installation of SQL Server 2008, the SCC performs specific checks to ensure the computer where setup is running meets specific requirements. This table specifies the different types of check that are performed and the actions which the user might have to take if the requirement is not met.

| **SCC requirement checks** | | |
| --- | --- | --- |
| **SCC check task** | **Description of check task** | **Action that might be required** |
| RebootRequiredCheck | Ensures that a restart of the computer is not required before the installation starts. | Rebooting the system and restarting the installation. |
| OsVersionCheck | Ensures that the computer meets the operating system requirement for the SQL Server edition being installed. | Using a different operating system or SQL Server edition that is compatible. |
| ThreadHasAdminPrivilegeCheck | Ensures that the account that is running SQL Server Setup has administrative privileges on the computer. | Using an account that has administrative privileges to run the setup. |
| WmiServiceStateCheck | Ensures that the WMI service is started and running on the computer. | Starting the WMI service in the Services console on the computer. |
| SSMS\_IsInternetConnected | Ensure that Internet connectivity is available. This is required to allow the SQL Server Management Tools based on .NET Framework technology to check the certificate revocation list on startup. | Connecting the computer to the Internet. |
| FacetDomainControllerCheck | Verifies whether or not the computer is a domain controller. | Considering specific security requirements for service accounts if the computer is a domain controller. |
| FacetPowerShellCheck | If the edition is SQL Server 2008 Express with Advanced Services, this ensures that Windows PowerShell is installed, which is a requirement for this edition. | Installing Windows PowerShell. |
| FacetWOW64PlatformCheck | Ensures that the setup program is supported on operating system platform. This check task will block unsupported installations on 64-bit platforms. |  |
| PerfMonCounterNotCorruptedCheck | Ensures that the existing performance counter registry hive is consistent. | Ensuring that the performance counter registry hive is consistent. |
| SqlUnsupportedProductBlocker | Ensures that an installation of SQL Server 7.0 or SQL Server 7.0 OLAP Services is not installed. | Removing the installation of SQL Server 7.0 or installing SQL Server 2008 on a different computer. |
| BlockCrossLanguageInstall | If an existing installation of SQL Server 2008 exists, this check ensures that the Setup language is the same. | Changing the setup language to be the same as the existing installations for an upgrade to SQL Server 2008. |
| BlockMixedArchitectureInstall | Ensures the CPU architecture for the edition chosen to be installed or upgrade is the same as the computers. | Use compatible CPU architecture Setup media. |
| RS\_DoesCatalogExist | Ensures that the catalog database file exists. | Renaming, moving, or deleting the files |
| RS\_DoesCatalogTempDBExist | Ensures that the catalog temporary database file exists. | Renaming, moving, or deleting the files. |
| StandaloneInstall\_HasClusteredOrPreparedInstanceCheck | Ensures that the name specified for the instance is not already being used by a cluster instance. | Changing the instance name. |

# SQL Server 2008 Account Service Recommendations

**Purpose:** Use this job aid to learn about the SQL Server 2008 account service recommendations.

| **SQL Server 2008 account service recommendations** | | | |
| --- | --- | --- | --- |
| **Service Name** | **Account type that can be used** | **Recommended startup type** | **Default startup type** |
| SQL Server | Domain User  Local System  Network Service | Automatic | Started |
| SQL Server Agent | Domain User  Local System  Network Service | Manual | Stopped |
| Analysis Services | Domain User  Network Service  Local Service  Local System | Automatic | Started |
| Reporting Services | Domain User  Network Service  Local Service  Local System | Automatic | Started |
| Integration Services | Domain User  Network Service  Local Service  Local System | Automatic | Started |
| SQL Server Browser | Local Service | Disabled | Stopped |
| SQL Server | Domain User  Local System  Network Service | Automatic | Started |

# SQL Server 2008 Upgrade Paths

**Purpose:** Use this job aid to view a list of upgrade scenarios for SQL Server 2008.

| **Supported upgrade paths** | |
| --- | --- |
| **Pre-upgrade Version** | **Post-upgrade Version** |
| SQL Server 2000 MSDE SP4 | SQL Server 2008 Express |
| SQL Server 2000 Standard SP4 | SQL Server 2008 Standard |
| SQL Server 2000 Developer SP4 | SQL Server 2008 Developer |
| SQL Server 2000 Enterprise SP4 | SQL Server 2008 Enterprise |
| SQL Server 2000 IA64 Developer SP4 | SQL Server 2008 IA64 Developer |
| SQL Server 2000 IA64 Enterprise SP4 | SQL Server 2008 IA64 Enterprise |
| SQL Server 2005 Express | SQL Server 2008 Express  SQL Server 2008 Express Tools  SQL Server 2008 Express Advanced  SQL Server 2008 Workgroup |
| SQL Server 2005 Express1 Advanced | SQL Server 2008 Express Advanced  SQL Server 2008 Workgroup |
| SQL Server 2005 Workgroup | SQL Server 2008 Workgroup  SQL Server 2008 Standard  SQL Server 2008 Enterprise |
| SQL Server 2005 Standard | SQL Server 2008 Standard  SQL Server 2008 Enterprise |
| SQL Server 2005 Developer | SQL Server 2008 Developer |
| SQL Server 2005 Enterprise | SQL Server 2008 Enterprise |
| SQL Server 2005 IA64 Developer | SQL Server 2008 IA64 Developer |
| SQL Server 2005 IA64 Standard | SQL Server 2008 IA64 Standard IA64 Enterprise |
| SQL Server 2005 IA64 Enterprise | SQL Server 2008 IA64 Enterprise |
| SQL Server 2005 X64 Developer | SQL Server 2008 X64 Developer |
| SQL Server 2005 X64 Standard | SQL Server 2008 X64 Standard  SQL Server 2008 X64 Enterprise |
| SQL Server 2005 X64 Enterprise | SQL Server 2008 X64 Enterprise |
| SQL Server 2008 Express | SQL Server 2008 Express  SQL Server 2008 Express Tools  SQL Server 2008 Express Advanced  SQL Server 2008 Workgroup  SQL Server 2008 Standard  SQL Server 2008 Developer  SQL Server 2008 Enterprise |
| SQL Server 2008 Standard | SQL Server 2008 Standard  SQL Server 2008 Enterprise |
| SQL Server 2008 Developer | SQL Server 2008 Workgroup  SQL Server 2008 Standard  SQL Server 2008 Developer  SQL Server 2008 Enterprise |
| SQL Server 2008 Enterprise | SQL Server 2008 Enterprise |
| SQL Server 2008 IA64 Developer | SQL Server 2008 IA64 Standard  SQL Server 2008 IA64 Developer  SQL Server 2008 IA64 Enterprise |
| SQL Server 2008 Developer x64 | SQL Server 2008 Workgroup x64  SQL Server 2008 Standard x64  SQL Server 2008 Developer x64  SQL Server 2008 Enterprise x64 |
| SQL Server 2008 IA64 Standard | SQL Server 2008 IA64 Enterprise  SQL Server 2008 IA64 Standard |
| SQL Server 2008 x64 Standard | SQL Server 2008 x64 Standard  SQL Server 2008 x64 Enterprise |
| SQL Server 2008 IA64 Enterprise | SQL Server 2008 IA64 Enterprise |
| SQL Server 2008 x64 Enterprise | SQL Server 2008 x64 Enterprise |