

## Product requirements

You can easily and quickly install IDERA SQL Secure on any computer that meets or exceeds the following hardware, software, and permission requirements. Before installing SQL Secure, also review the [product components and architecture](#) as well as [how the product works](#).

## Typical requirements

A typical install sets up all SQL Secure components on the same computer. The following table lists the requirements for a typical installation.

| Hardware/software                          | Requirement   |
|--|---|
| CPU  | 2.0 GHz or higher   |
| Memory                                     | 2 GB  |
| 32-bit or 64-bit Operating System          | <ul style="list-style-type: none"> <li>• Windows 8</li> <li>• Windows 10</li> <li>• Windows Server 2008 SP2</li> <li>• Windows Server 2008 R2 SP1</li> <li>• Windows Server 2012</li> <li>• Windows Server 2012 R2</li> <li>• Windows Server 2016</li> <li>• Windows Server 2019</li> </ul> <p>Plus:</p> <ul style="list-style-type: none"> <li>• .NET Framework 4.5 SP1 or later</li> <li>• MDAC 2.8 or later</li> </ul> |
| Microsoft SQL Server for Repository        | <p>Supports all editions except SQL Server Express for the following versions:</p> <ul style="list-style-type: none"> <li>• SQL Server 2008 SP1</li> <li>• SQL Server 2008 R2</li> <li>• SQL Server 2012 SP1</li> <li>• SQL Server 2014</li> <li>• SQL Server 2016</li> <li>• SQL Server 2017</li> <li>• SQL Server 2019</li> <li>• SQL Server on Azure VM</li> <li>• SQL Server on Amazon EC2</li> </ul>                 |
| Microsoft SQL Server for audited instances | <ul style="list-style-type: none"> <li>• SQL Server 2008 SP1</li> <li>• SQL Server 2008 R2</li> <li>• SQL Server 2012 SP1</li> <li>• SQL Server 2014</li> <li>• SQL Server 2016</li> <li>• SQL Server 2017</li> <li>• SQL Server 2019</li> <li>• Azure SQL Database</li> <li>• SQL Server on Azure VM</li> <li>• SQL Server on Amazon EC2</li> <li>• Amazon RDS for SQL Server</li> </ul>                                 |
| Browser for online Help                    | <ul style="list-style-type: none"> <li>• Internet Explorer 9.0+</li> <li>• Google Chrome</li> <li>• Mozilla Firefox</li> </ul>  |

## Console requirements

A console-only installation installs the SQL Secure Console. The console-only installation assumes that a full installation has already been completed on another machine. The following table lists all the requirements for a console-only installation.

| Hardware/software                 | Requirement   |
|-----------------------------------|---|
| CPU                               | 2.0 GHz or higher   |
| Memory                            | 2 GB  |
| 32-bit or 64-bit Operating System | <ul style="list-style-type: none"> <li>• Windows 8</li> <li>• Windows 10</li> <li>• Windows Server 2008 SP2+</li> <li>• Windows Server 2008 R2</li> <li>• Windows Server 2012</li> <li>• Windows Server 2012 R2</li> <li>• Windows Server 2016</li> </ul> <p>Plus:</p> <ul style="list-style-type: none"> <li>• .NET Framework 4.6</li> </ul> |
| Browser for online Help           | Internet Explorer 9.0 or later  |

## SQL Server Versions and Editions

| SQL Versions Windows Only | On-Premise | Azure VM | Azure SQL Database | AWS EC2 | AWS RDS |
|---------------------------|------------|----------|--------------------|---------|---------|
| 2000                      | X          |          |                    |         |         |
| 2005                      | X          | X        |                    |         |         |
| 2008 SP1                  | X          | X        |                    | X       |         |
| 2008 R2                   | X          | X        |                    | X       | X       |
| 2012 SP1                  | X          | X        |                    | X       | X       |
| 2016                      | X          | X        |                    | X       | X       |
| 2017                      | X          | X        |                    | X       | X       |
| 2019                      | X          | X        |                    | X       | X       |
| Azure SQL Database V12    |            |          | X                  |         |         |

## Collector permission requirements

The following requirements are necessary for the SQL Secure Collector to access the SQL Server instances you want to audit. During install, you can input credentials for a Windows user account or SQL Server login.

| Type                  | Requirement   |
|-----------------------|---|
| Windows permissions   | A Windows user account that has local administrator permissions.                                      |
| SQL Server privileges | A Windows user account that is a member of the sysadmin fixed server role on the SQL Server instance. |

## Port requirements

SQL Secure uses the default ports opened by the Windows operating system for local and remote communications. To learn about Windows port assignments, see [Article 832017](#) on the Microsoft Support site. To better understand how port assignments work when Windows Firewall has been configured, see "[Connecting through Windows Firewall](#)" on the MSDN site.

| Type   | Requirement  |
|--|--|
| SQL Server Object Permissions and configuration collection | Port 1433 (or the configured SQL instance port for the audited instance) |

|   |                             |
|---|-----------------------------|
| Windows file system and registry permissions collection | Port 135 (RPC connectivity) |
|---|-----------------------------|

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