


# Software requirements

## IDERA Dashboard and SQL BI Manager services requirements

In the table below, you can find the minimum software requirements to correctly install the IDERA Dashboard and the SQL BI Manager's collection services.

Type	Requirement	Suggestions
Microsoft .NET Framework version	4.0 or later	<p>Make sure to install this software before the installation of the IDERA Dashboard and the SQL BI Manager.</p> <p>For more information about the <b>.NET Framework</b>, see the MSDN <a href="#">.NET Framework Versions and Dependencies</a> article.</p>
Microsoft Library	msolap.dll	<p>When the product installation starts, it will look for the <b>msolap.dll</b> file. If the file is not found, the installation will request the user to install it. To avoid this, install the <b>msolap.dll</b> file where the data collection service runs.</p> <p>Download and install this file from the latest version of the <b>SQL Server Feature Pack</b> from Microsoft <a href="#">SQL Server 2016 Feature Pack</a> (choose the <i>SQL_AS_OLEDB.msi</i> installer).</p>
Microsoft Library	Microsoft SQL Server Shared Management Objects(SMO)	<p>Verify that <b>Microsoft SQL Server Shared Management Objects (SMO)</b> is installed, otherwise download and install the <b>SMO</b> from the <a href="#">SQL Server 2016 Feature Pack</a> (<i>ENU\x64\SharedManagement Objects.msi</i> and <i>ENU\x64\SQLSysClrTypes.msi</i>).</p> <div> <p> The components in the SQL Server 2016 Feature Pack are backward compatible with all previous SQL Server versions. Remember to run the <i>SQLSysClrTypes.msi</i> installer first.</p> </div>

Operating System	<ul style="list-style-type: none"> <li>• Windows 7 SP1+</li> <li>• Windows 8+</li> <li>• Windows 10</li> <li>• Windows Server 2008 SP1</li> <li>• Windows Server 2008 R2</li> <li>• Windows Server 2012</li> <li>• Windows Server 2012 R2</li> <li>• Windows Server 2016</li> </ul>	
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### IDERA Dashboard and SQL BI Manager repository requirements

The IDERA Dashboard and SQL BI Manager support any of the following versions for hosting its repositories:

Edition	Version
SQL Server Express, Standard, or Enterprise Edition	<ul style="list-style-type: none"> <li>• SQL Server 2008</li> <li>• SQL Server 2008 R2</li> <li>• SQL Server 2012</li> <li>• SQL Server 2014</li> <li>• SQL Server 2016</li> </ul>

### Monitored BI Service instances requirements

In the following table, you can find a list of the SQL Server monitored instances version that SQL BI manager supports:

Edition	Version
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SQL Server Express, Standard or Enterprise Edition	<ul style="list-style-type: none"> <li>• SQL Server 2008</li> <li>• SQL Server 2008 R2</li> <li>• SQL Server 2012</li> <li>• SQL Server 2014</li> <li>• SQL Server 2016</li> <li>• SQL Server 2017</li> </ul>
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### Browser requirements

The IDERA Dashboard and SQL BI Manager's web consoles are compatible with the following browsers:

- Internet Explorer 10+
- Microsoft Edge (new MS browser in Windows 10)
- Chrome
- Firefox

### Port requirements

The IDERA Dashboard uses the following ports:

- Web Application Service: **9290** (Standard HTTP port) and **9291** (SSL port)
- Core Service: **9292** (REST API port) and **9293** (.NET remoting port)

IDERA SQL BI Manager uses the following ports:

- Collection service port: **9277**

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