

# Software requirements

## SQL Elements services requirements

You need to comply with the following requirements for installing SQL Elements collection services:

Type	Requirement	Suggestions
Microsoft Data Access Components (MDAC)	2.8 or later	
Microsoft .NET Framework version	4.0 or later	If this software is not already installed on your computer, you must install it prior to the installation of SQL Elements.  For more information about the .NET Framework, see the <a href="#">.NET Framework Versions and Dependencies</a> article on MSDN.
Operating System	Windows XP SP2+ Windows Server 2003 SP2 Windows Server 2008 SP2 Windows Vista SP2+ Windows 7 Windows 2008 R2 Windows 8 Windows 2012	

## SQL Elements repository requirements

To install SQL Elements repositories you must have:

Type	Requirement
SQL Server Standard, Enterprise Edition or Express Edition	<ul style="list-style-type: none"><li>• SQL Server 2005 SP1+</li><li>• SQL Server 2008</li><li>• SQL Server 2008 R2</li><li>• SQL Server 2012</li><li>• SQL Server 2014</li></ul>

## Monitored SQL Server instances requirements

All SQL Server instances that you wish to monitor should comply with the following requirements:

Type	Requirement
SQL Server Standard, Enterprise Edition or Express Edition	<ul style="list-style-type: none"><li>• SQL Server 2005 SP1+</li><li>• SQL Server 2008 SP1+</li><li>• SQL Server 2008 R2</li><li>• SQL Server 2012</li><li>• SQL Server 2014</li></ul>

## Browser requirements

Idera SQL Elements user interface can be accessed via web with the following browsers:

- Internet Explorer IE 9.x+
- Google Chrome
- Mozilla Firefox

## Port requirements

Idera SQL Elements uses the following ports:

- Collection service port: 9275
- Web application service port: 9276

Required Accounts and Permissions

You need the following accounts and permissions:

Account	Action	Permissions required
Windows User Account	To install SQL Elements components	Windows Administrator permission on the Target computer
	To create and access the SQL Elements repository databases	<ul style="list-style-type: none"><li>• Create Database Rights on the target SQL Server Instance</li><li>• Read and write privileges on the SQL Elements Repository Databases</li></ul>
SQL Server login account	For most SQL queries	VIEW SERVER STATE VIEW ANY DATABASE VIEW ANY DEFINITION
	To monitor database information	ALTER ANY DATABASE server level permission or CREATE DATABASE in the master database
	For DBCC CHECKDB	sysadmin server roles
WMI account	To access remote WMI data	Additional rights on a group that has been given remote access