


# SentryOne Test System Requirements

Last Modified on 14 September 2020

 **Download:** For more information about SentryOne Test pricing or starting a trial, see the [SentryOne Test Product Information Page](#).

## Visual Studio Extension

### Hardware Requirements

The following memory and processor requirements apply to all editions of SentryOne Test :

Component	Minimum Requirements	Recommended Requirements
Memory	4 GB	At least 8 GB
Processor Speed	1.8 GHz	2.0 GHz or faster
Processor Type	NA	<ul style="list-style-type: none"><li>• AMD Opteron</li><li>• AMD Athlon 64</li><li>• Intel Xeon with Intel EM64T support</li><li>• Intel Pentium IV with EM64T support</li></ul>

 **Important:** Hardware requirements can vary based on workloads and other processes.

### Software Requirements

- SQL Server Integration Services 2005, 2008, 2008 R2, 2012, 2014, 2016
- BIDS 2005, 2008, 2008 R2 (Business Intelligence Development Studio) or SSDT 2010, 2012, 2014, 2016, 2017 (SQL Server Data Tools)
- Microsoft ® .NET 3.5 with Service Pack 1
- Microsoft ® .NET 4.0
- Microsoft ® .NET 4.5 (2017 Providers only)
- Microsoft ® SQL Server ® 2012 Transact-SQL ScriptDom x86

The following operating systems are supported by SentryOne Test:

64-bit (x64) Operating Systems	32-bit (x86) Operating Systems

Windows Server 2003 (at least Service Pack 2)* <b>64-bit (x64) Operating Systems</b>	Windows XP (at least Service Pack 3)* <b>32-bit (x86) Operating Systems</b>
Windows Vista (at least Service Pack 2)	Windows Server 2003 (at least Service Pack 3)*
Windows Server 2008 R2	Windows Vista (at least Service Pack 2)
Windows Server 2012	Windows Server 2008 R2
Windows Server 2016	Windows Server 2012
Windows 7	Windows 7
Windows 8	Windows 8
Windows 10	Windows 10

**⚠ Important:** Windows XP and Server 2003 have been deprecated from full support. Any issues encountered on either Windows XP or Server 2003 must be reproducible on newer versions of Windows to be eligible for support.

#### SentryOne Test Visual Studio Extension requires:

- An installation of one of the following editions of Visual Studio:
  - Visual Studio 2012 Pro or better
  - Visual Studio 2013
  - Visual Studio Community Edition
  - Visual Studio 2015
  - Visual Studio 2015 Community Edition
  - Visual Studio 2017
- NUnit Requirements
  - NUnit 2.6.4 is required to execute SentryOne Test NUnit tests outside of Visual Studio
  - NUnit Test Adapter 2.0 is required for SentryOne Test NUnit tests to be displayed within the Visual Studio Test Explorer

#### The following prerequisites are required to enable features within SentryOne Test:

- SQL Server Assets
  - Supported Versions
    - SQL Server 2008 R2
    - SQL Server 2012
    - SQL Server 2014
    - SQL Server 2016

- SQL Server 2017
- SSIS Actions and Assets
  - Supported Versions
    - SSIS 2008 R2
    - SSIS 2012
    - SSIS 2014
    - SSIS 2016
    - SSIS 2017
    - SSIS 2019
  - Each version of SQL Server Integration Services (2008 R2 or above) that you wish to test
  - SQL Server Data Tools or Business Intelligence Development Studio
  - Microsoft @ .NET 4.5 (Required by SSIS 2017 Only)

**Note:** The version of SQL Server Data Tools that provides the Integration Services designed within Visual Studio must be installed. This is a separate download to the version of SQL Server Data Tools that provides .sqlproj support that ships with Visual Studio.

- SSAS Actions
  - Supported Versions
    - Multidimensional
      - SSAS 2008 R2
      - SSAS 2012
      - SSAS 2014
      - SSAS 2016
      - SSAS 2017
    - Tabular
      - SSAS 2012
      - SSAS 2014
      - SSAS 2016
      - SSAS 2017
  - Microsoft @ .NET 4.5 (Required by SSAS 2017 Only)
- SSRS Actions
  - Supported Versions
    - SSRS 2008 R2
    - SSRS 2012
    - SSRS 2014
    - SSRS 2016
    - SSRS 2017

# SentryOne Test Remote Agent

## System Requirements

1. You have the permissions needed to add a **Windows Service**.
  - Additional permissions for the remote agent service account may be required depending on what your tests perform. For example:
    - A test that reads data from a database must have permission to read from that database.
    - A more complex test may require additional permissions for this account to execute the test.
2. You have at least one test framework installed (e.g. **NUnit** or **MStest**).
3. For the cloud version:
  - The remote agent connects over **HTTPS** on port 443.
  - It must be able to connect to **https://test-api.sentryone.com** and **https://test.sentryone.com**.
4. For the on-premises, installed software version:
  - The remote agents connects to the site at **http://:44301** and the API endpoint at **http://:44320**.
    - See the [IIS Bindings](#) article for guidance on changing these default values.

## SentryOne Test On-Premises

### Software Requirements

The following is a list of software requirements for SentryOne Test On-Premises :

- Internet information services (IIS) 7 or higher
  - Windows authentication enabled
  - ASP .NET 4.7 enabled
  - WebSocket Protocols enabled

**Note:** If you get a locked error from IIS, you must unlock the **system.webServer/modules section**.

- SQL Server 2012 or higher
- Microsoft SQL Server Data-Tier Application Framework
  - .NET 4.6.1 or higher