# Requirements

ⓘ  ReadyRoll consists of several [components](#).

## Visual Studio extension requirements

- Visual Studio 2015 Community, Professional, or Enterprise
  - With [SSDT](#) installed
- Visual Studio 2017 Community, Professional, or Enterprise
  - With the *Data storage and processing* workload installed

ⓘ  **Old versions**

Visual Studio 2012 and 2013 require [ReadyRoll 1.13.21.3244](#) and will receive no further updates.

- Visual Studio 2012 Professional, Premium, or Ultimate
  - With [SSDT](#) installed
- Visual Studio 2013 Professional, Premium, or Ultimate
  - With [SSDT](#) installed

See: [Install](#) | [Getting started](#)

## Build components requirements

- Any continuous integration server that can run MSBuild
- For build-time migration script verification, then on the agents:
  1. Microsoft ODBC Driver 13.1 for SQL Server ([x86/x64](#))
  2. Microsoft Command Line Utilities 14.0 for SQL Server ([x86/x64](#))
  3. After installing the above, the machine (or agent process) must be restarted: the above installer adds the utility to the PATH system environment variable, enabling ReadyRoll to find and execute the SqlCmd utility.

See: [Install](#) | [Getting started](#)

## Release components requirements

- Any release server that can run PowerShell
- On the agents:
  1. Microsoft ODBC Driver 13.1 for SQL Server ([x86/x64](#))
  2. Microsoft Command Line Utilities 14.0 for SQL Server ([x86/x64](#))
  3. After installing the above, the machine (or agent process) must be restarted: the above installer adds the utility to the PATH system environment variable, enabling ReadyRoll to find and execute the SqlCmd utility.

See: [Install](#) | [Getting started](#)

## VSTS/TFS extension requirements

- Supported versions:
  - VSTS
  - TFS 2015 Update 2 or later
  - TFS 2017
- Supported browsers:
  - Chrome
  - Firefox
  - Safari
  - Internet Explorer and Edge have 1 caveat: they are unable to render the HTML report inline, because [they don't support srcdoc](#).  So instead, you'll need to download the HTML report if you wish to view it.

See: [Install](#) | [Getting started](#)

# Common requirements

## Supported SQL Server versions

- SQL Server 2008
- SQL Server 2008 R2
- SQL Server 2012
- SQL Server 2014
- SQL Server 2016
- Azure SQL Database

All editions of SQL Server are supported.

## Supported Operating Systems

- Windows 7 or later
- Windows Server 2008 R2 or later

## Supported .NET

- .NET Framework 4.6.1 or later