

# Supported Operating Systems and Relational Database Servers for Niagara Installations

Date: May 17, 2021

Notes Type: PC Operating Systems for Niagara Installations Niagara 4.4 and higher.

Revision: All

## OS Versions

This document serves as a reference of supported operating systems that can run the Niagara software as well as third party relational database servers that can integrate with Niagara. Refer to this document when planning new projects that will require a Web Supervisor station, a Soft JACE station, or an engineering station. **Anything marked with 'Y' means that this was a tested configuration. Items marked with 'N' mean that this configuration was not tested by Tridium, so it is unknown if you will encounter problems.**

Operating System	N4 4.4	N4 4.6	N4 4.7	N4 4.8	N4 4.9	N4 4.10
Windows Server 2008 Standard / Enterprise (SP2) (64-bit)	N	N	N	N	N	N
Windows Server 2008 R2 Standard / Enterprise (SP2) (64-bit)	N	N	N	N	N	N
Windows Server 2012 Standard / Enterprise (SP2) (64-bit)	N	N	N	N	N	N
Windows Server 2012 R2 Standard / Enterprise (SP2) (64-bit)	Y	Y	Y	N	N	N
Windows 7 Professional / Enterprise / Ultimate (32-bit / 64-bit)	Y	N	Y	Y	N	N
Windows 8 Professional / Enterprise / Ultimate (32-bit / 64-bit)	N	N	N	N	N	N
Windows 8.1 Professional / Enterprise / Ultimate (32-bit / 64-bit)	Y	Y	Y	Y	N	N
Windows 10 (32-bit)	Y	N	N	N	N	N
Windows 10 (64-bit)	Y	Y	Y	Y	Y	Y
Windows Server 2016	Y	Y	Y	Y	Y	Y
Windows Server 2019	N	N	N	Y	Y	Y
Windows Server 2019 Server Core	N	N	N	N	N	N
VMware Server 2	N	N	N	N	N	N
VMware – ESXi 5.1.0	Y	Y	Y	N	N	N
VMware – ESXi 5.5	N	N	N	Y	N	N
VMware – ESXi 6.0 (** update 5224934)	N	N	N	Y**	N	N
VMware – ESXi 6.7	N	N	N	N	Y	Y
Microsoft Virtual Server 2008	N	N	N	N	N	N
Hyper-V 6.1	N	N	N	N	N	N
Hyper-V version 10.0	Y	N	N	N	N	N
Microsoft Server 2012 Hyper-V	N	Y	N	N	N	N

**Note:** Installation of Niagara on a Windows host required the user to be logged into Windows as a user with administrator privileges.

Relational Database Server	N4 4.4	N4 4.6	N4 4.7	N4 4.8	N4 4.9	N4 4.10
MSDE 2000	N	N	N	N	N	N
MS SQL Server 2000	N	N	N	N	N	N
MS SQL Server 2005/2008	N	N	N	N	N	N
MS SQL Server 2012	Y	Y	Y	Y	N	N
MS SQL Server 2014	N	N	N	N	N	N
MS SQL Server 2016	Y	Y	Y	Y	Y	Y
MS SQL Server 2017	N	N	N	N	Y	Y
MS SQL Server 2019	N	N	N	N	Y	Y
MySQL Server 5.1.61	N	N	N	N	N	N
MySQL Server 5.6	N	N	N	N	N	N
MySQL Server 5.7	Y	Y	Y	Y	N	N
MySQL Server 8.0	N	Y	Y	Y	Y	Y
Oracle 9i/10g	N	N	N	N	N	N
Oracle Express 11g	Y	Y	Y	Y	N	N
Oracle 19c	N	N	N	N	Y	Y
DB2 8.1	N	N	N	N	N	N
HSQL (JACE Only)	N	N	N	N	N	N

**Note:** Oracle 12b is not supported. MySQL 5.7 and 8.0 are both tested with connector version 8.0.13. Connector 5.1.46 works with MySQL 5.7 but does not work with MySQL 8.0.

Supported Web Browsers	N4 4.4	N4 4.6	N4 4.7	N4 4.8	N4 4.9	N4 4.10
Google Chrome (mobile, tablet, desktop)	Y	Y	Y	Y	Y	Y
Mozilla Firefox	Y	Y	Y	Y	Y	Y
Microsoft Internet Explorer	Y	Y	Y	Y	N	N
Microsoft Edge	Y	Y	Y	Y	Y	Y
Safari (mobile, tablet)	Y	Y	Y	Y	Y	Y
Java Web Start	Y	Y	Y	Y	N	N
Niagara Web Launcher (* N4.4u3 only) (** N4.7u1 only)	Y*	Y**	Y**	Y	Y	Y

**Note:** The following browsers do not support the WbApplet (Wb Web Profile):

- Google Chrome version 45 or higher
- Microsoft Edge
- Firefox version 42 or higher
- Opera

Supported Mobile Operating Systems	N4 4.8	N4 4.9	N4 4.10
Android 6 Marshmallow	Y	N	N
Android 7 Nougat	N	N	N
Android 8 Oreo	Y	Y	Y
Android 9 Pie	N	Y	Y
Android 10	N	Y	Y
Android Q	N	Y	Y
IOS 10	Y	N	N
IOS 11	Y	N	N
IOS 12	Y	Y	Y
IOS 13	N	Y	Y

## JAVA Software

The Java SE Runtime Environment (JRE) 8 (1.8.0.241.0.1) must be installed on any client PC that will access the station with a browser and Workbench web profile. The free download is available at: [java.com/en/](http://java.com/en/)

After installing JRE 8, ensure that the Java plugin for any earlier versions is disabled:

- Under the Windows **Start** menu, click **All Programs > Java > Configure Java > View**.  
Note: If the **View** button appears disabled, then only one JRE version is installed. Clicking **Java > About Java** (under the Windows Start menu) shows installed version(s).
- Confirm that only the JRE 1.8 plugin is enabled, as shown here. For any version other than 1.8, click the check box in the **Enabled** column to deselect.

