

System Requirements for Identity Manager 4.8.x

NetIQ Corporation recommends the fully tested and certified platforms described in this page. However, customers running on other platforms or with untested configurations will be supported until the point NetIQ Corporation determines that the root cause is the uncertified platform or configuration. Issues that can be reproduced on the certified platforms will be prioritized and fixed according to standard defect-handling policies. For more information about support policies, see [Support Policies](#). For more information about installation or hardware requirements, see the [NetIQ Identity Manager Setup Guide for Linux](#) or [NetIQ Identity Manager Setup Guide for Windows](#).

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Operating Systems for Identity Manager

Operating System (certified)	Identity Manager Engine (Identity Vault)	Remote Loader	iManager***	Identity Applications	Identity Reporting	Designer	Analyzer	Sentinel Log Management for Identity Governance and Administration	Validator	Package Deployment Tool
Red Hat 9.1	Yes Supported from Identity Manager 4.8 SP7.	Yes Supported from Identity Manager 4.8 SP7.		Yes Supported from Identity Manager 4.8 SP7.	Yes Supported from Identity Manager 4.8 SP7.					
Red Hat 8.10	Yes Supported from Identity Manager 4.8 SP7.	Yes Supported from Identity Manager 4.8 SP7.		Yes Supported from Identity Manager 4.8 SP7.	Yes Supported from Identity Manager 4.8 SP7.	Yes Supported from Identity Manager 4.8 SP7.				
Red Hat 8.9	Yes Supported from Identity Manager 4.8 SP7.	Yes Supported from Identity Manager 4.8 SP7.		Yes Supported from Identity Manager 4.8 SP7.	Yes Supported from Identity Manager 4.8 SP7.	Yes Supported from Identity Manager 4.8 SP7.				
Red Hat 8.8	Yes Supported from Identity Manager 4.8 SP7.	Yes Supported from Identity Manager 4.8 SP7.		Yes Supported from Identity Manager 4.8 SP7.	Yes Supported from Identity Manager 4.8 SP7.	Yes Supported from Identity Manager 4.8 SP7.				

Operating System (certified)	Identity Manager Engine (Identity Vault)	Remote Loader	iManager***	Identity Applications	Identity Reporting	Designer	Analyzer	Sentinel Log Management for Identity Governance and Administration	Validator	Package Deployment Tool
Red Hat 8.7	Yes Supported from Identity Manager 4.8 SP7.	Yes Supported from Identity Manager 4.8 SP7.		Yes Supported from Identity Manager 4.8 SP7.	Yes Supported from Identity Manager 4.8 SP7.					
Red Hat 8.6	Yes Supported from Identity Manager 4.8 SP6.	Yes Supported from Identity Manager 4.8 SP6.	Yes Supported from Identity Manager 4.8 SP6.	Yes Supported from Identity Manager 4.8 SP6.	Yes Supported from Identity Manager 4.8 SP6.	Yes Supported from Identity Manager 4.8 SP6.				Yes Supported from Package Deployment Tool 1.0.
Red Hat 8.5	Yes Supported from Identity Manager 4.8 SP5.	Yes Supported from Identity Manager 4.8 SP5.	Yes Supported from Identity Manager 4.8 SP5.	Yes Supported from Identity Manager 4.8 SP5.	Yes Supported from Identity Manager 4.8 SP5.	Yes Supported from Identity Manager 4.8 SP5.	Yes Supported from Identity Manager 4.8 SP5.	Yes Supported from Identity Manager 4.8 SP5.		Yes Supported from Package Deployment Tool 1.0.
Red Hat 8.4	Yes Supported from Identity Manager 4.8 SP4.	Yes Supported from Identity Manager 4.8 SP4.	Yes Supported from Identity Manager 4.8 SP4.	Yes Supported from Identity Manager 4.8 SP4.	Yes Supported from Identity Manager 4.8 SP4.	Yes Supported from Identity Manager 4.8 SP4.	Yes Supported from Identity Manager 4.8 SP5.	Yes Supported from Identity Manager 4.8 SP4.		Yes Supported from Package Deployment Tool 1.0.

Operating System (certified)	Identity Manager Engine (Identity Vault)	Remote Loader	iManager***	Identity Applications	Identity Reporting	Designer	Analyzer	Sentinel Log Management for Identity Governance and Administration	Validator	Package Deployment Tool
Red Hat 8.3	Yes Supported from Identity Manager 4.8 SP3.	Yes Supported from Identity Manager 4.8 SP3.	Yes Supported from Identity Manager 4.8 SP3.	Yes Supported from Identity Manager 4.8 SP3.	Yes Supported from Identity Manager 4.8 SP3.	Yes Supported from Identity Manager 4.8 SP3.	Yes Supported from Identity Manager 4.8 SP5.	Yes Supported from Identity Manager 4.8 SP3.		Yes Supported from Package Deployment Tool 1.0.
Red Hat 8.2	Yes Supported from Identity Manager 4.8 SP2.	Yes Supported from Identity Manager 4.8 SP2.	Yes Supported from Identity Manager 4.8 SP2.	Yes Supported from Identity Manager 4.8 SP2.	Yes Supported from Identity Manager 4.8 SP2.	Yes Supported from Identity Manager 4.8 SP2.	Yes Supported from Identity Manager 4.8 SP5.	Yes Supported from Identity Manager 4.8 SP2.		Yes Supported from Package Deployment Tool 1.0.
Red Hat 8.1	Yes Supported from Identity Manager 4.8 SP1.	Yes Supported from Identity Manager 4.8 SP1.	Yes Supported from Identity Manager 4.8 SP1.	Yes Supported from Identity Manager 4.8 SP1.	Yes Supported from Identity Manager 4.8 SP1.	Yes Supported from Identity Manager 4.8 SP1.	Yes Supported from Identity Manager 4.8 SP5.	Yes Supported from Identity Manager 4.8 SP1.		Yes Supported from Package Deployment Tool 1.0.
Red Hat 8	Yes	Yes	Yes	Yes	Yes	Yes	Yes Supported from Identity Manager 4.8 SP5.		Yes Supported from Identity Validator 2.0.	

Operating System (certified)	Identity Manager Engine (Identity Vault)	Remote Loader	iManager***	Identity Applications	Identity Reporting	Designer	Analyzer	Sentinel Log Management for Identity Governance and Administration	Validator	Package Deployment Tool
Red Hat 7.9+	Yes Supported from Identity Manager 4.8 SP3.	Yes Supported from Identity Manager 4.8 SP3.	Yes Supported from Identity Manager 4.8 SP3.	Yes Supported from Identity Manager 4.8 SP3.	Yes Supported from Identity Manager 4.8 SP3.	Yes Supported from Identity Manager 4.8 SP3.	Yes Supported from Identity Manager 4.8 SP3.	Yes Supported from Identity Manager 4.8 SP3.		
Red Hat 7.8+	Yes Supported from Identity Manager 4.8 SP2.	Yes Supported from Identity Manager 4.8 SP2.	Yes Supported from Identity Manager 4.8 SP2.	Yes Supported from Identity Manager 4.8 SP2.	Yes Supported from Identity Manager 4.8 SP2.	Yes Supported from Identity Manager 4.8 SP2.	Yes Supported from Identity Manager 4.8 SP2.	Yes Supported from Identity Manager 4.8 SP2.		
Red Hat 7.7+	Yes Supported from Identity Manager 4.8 SP1.	Yes Supported from Identity Manager 4.8 SP1.	Yes Supported from Identity Manager 4.8 SP1.	Yes Supported from Identity Manager 4.8 SP1.	Yes Supported from Identity Manager 4.8 SP1.	Yes Supported from Identity Manager 4.8 SP1.	Yes Supported from Identity Manager 4.8 SP1.	Yes Supported from Identity Manager 4.8 SP1.		
Red Hat 7.6+	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes Supported from Identity Validator 2.0.	

Operating System (certified)	Identity Manager Engine (Identity Vault)	Remote Loader	iManager***	Identity Applications	Identity Reporting	Designer	Analyzer	Sentinel Log Management for Identity Governance and Administration	Validator	Package Deployment Tool
Red Hat 7.5+	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes Supported from Identity Validator 2.0.	
SUSE Linux Enterprise Server 15 SP6	Yes Supported from Identity Manager 4.8 SP7.	Yes Supported from Identity Manager 4.8 SP7.		Yes Supported from Identity Manager 4.8 SP7.	Yes Supported from Identity Manager 4.8 SP7.					
SUSE Linux Enterprise Server 15 SP5	Yes Supported from Identity Manager 4.8 SP7.	Yes Supported from Identity Manager 4.8 SP7.		Yes Supported from Identity Manager 4.8 SP7.	Yes Supported from Identity Manager 4.8 SP7.					
SUSE Linux Enterprise Server 15 SP4	Yes Supported from Identity Manager 4.8 SP6.	Yes Supported from Identity Manager 4.8 SP6.	Yes Supported from Identity Manager 4.8 SP6.	Yes Supported from Identity Manager 4.8 SP6.	Yes Supported from Identity Manager 4.8 SP6.	Yes Supported from Identity Manager 4.8 SP6.		Yes Supported from Identity Manager 4.8 SP7.		Yes Supported from Package Deployment Tool 1.0.

Operating System (certified)	Identity Manager Engine (Identity Vault)	Remote Loader	iManager***	Identity Applications	Identity Reporting	Designer	Analyzer	Sentinel Log Management for Identity Governance and Administration	Validator	Package Deployment Tool
SUSE Linux Enterprise Server 15 SP3	Yes Supported from Identity Manager 4.8 SP5.	Yes Supported from Identity Manager 4.8 SP5.	Yes Supported from Identity Manager 4.8 SP5.	Yes Supported from Identity Manager 4.8 SP5.	Yes Supported from Identity Manager 4.8 SP5.	Yes Supported from Identity Manager 4.8 SP5.	Yes Supported from Identity Manager 4.8 SP5.	Yes Supported from Identity Manager 4.8 SP5.	Yes Supported from Identity Validator 2.0.	Yes Supported from Package Deployment Tool 1.0.
SUSE Linux Enterprise Server 15 SP2	Yes Supported from Identity Manager 4.8 SP2.	Yes Supported from Identity Manager 4.8 SP2.	Yes Supported from Identity Manager 4.8 SP2.	Yes Supported from Identity Manager 4.8 SP2.	Yes Supported from Identity Manager 4.8 SP2.	Yes Supported from Identity Manager 4.8 SP2.	Yes Supported from Identity Manager 4.8 SP5.	Yes Supported from Identity Manager 4.8 SP2.	Yes Supported from Identity Validator 2.0.	Yes Supported from Package Deployment Tool 1.0.
SUSE Linux Enterprise Server 15 SP1	Yes	Yes	Yes	Yes	Yes	Yes	Yes			Yes Supported from Package Deployment Tool 1.0.
SUSE Linux Enterprise Server 15	Yes	Yes	Yes	Yes	Yes	Yes	Yes			

Operating System (certified)	Identity Manager Engine (Identity Vault)	Remote Loader	iManager***	Identity Applications	Identity Reporting	Designer	Analyzer	Sentinel Log Management for Identity Governance and Administration	Validator	Package Deployment Tool
SUSE Linux Enterprise Server 12 SP5	Yes Supported from Identity Manager 4.8 SP1.	Yes Supported from Identity Manager 4.8 SP1.	Yes Supported from Identity Manager 4.8 SP1.	Yes Supported from Identity Manager 4.8 SP1.	Yes Supported from Identity Manager 4.8 SP1.	Yes Supported from Identity Manager Designer 4.8.0.1.	Yes Supported from Identity Manager 4.8 SP5.			
SUSE Linux Enterprise Server 12 SP4	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
SUSE Linux Enterprise Server 12 SP3	Yes	Yes	Yes	Yes	Yes	Yes	Yes			
Open Enterprise Server (OES) 23.4	Yes Supported in Identity Manager 4.8 SP7.	Yes Supported in Identity Manager 4.8 SP7.		Yes Supported in Identity Manager 4.8 SP7.	Yes Supported in Identity Manager 4.8 SP7.					
Open Enterprise Server (OES) 2023†	Yes Supported in Identity Manager 4.8 SP6.	Yes Supported in Identity Manager 4.8 SP6.		Yes Supported in Identity Manager 4.8 SP6.	Yes Supported in Identity Manager 4.8 SP6.					

Operating System (certified)	Identity Manager Engine (Identity Vault)	Remote Loader	iManager***	Identity Applications	Identity Reporting	Designer	Analyzer	Sentinel Log Management for Identity Governance and Administration	Validator	Package Deployment Tool
Open Enterprise Server (OES) 2018 SP3†	Yes Supported in Identity Manager 4.8 SP4, SP5, and SP6.	Yes Supported in Identity Manager 4.8 SP4, SP5, and SP6.	Yes Supported in Identity Manager 4.8 SP4, SP5, and SP6.	Yes Supported in Identity Manager 4.8 SP4, and SP5.	Yes Supported in Identity Manager 4.8 SP4, SP5, and SP6.	Yes Supported in Identity Manager 4.8 SP4, SP5, and SP6.				
Open Enterprise Server (OES) 2018 SP2†	Yes	Yes	Yes	Yes	Yes	Yes				
Windows Server 2022 (64-bit)	Yes Supported from Identity Manager 4.8 SP5.	Yes Supported from Identity Manager 4.8 SP5.	Yes Supported from Identity Manager 4.8 SP5.	Yes Supported from Identity Manager 4.8 SP5.	Yes Supported from Identity Manager 4.8 SP5.	Yes Supported from Identity Manager 4.8 SP5.	Yes Supported from Identity Manager 4.8 SP5.			Yes Supported from Package Deployment Tool 1.0.
Windows Server 2019 (64-bit)	Yes	Yes	Yes	Yes	Yes	Yes	Yes			Yes Supported from Package Deployment Tool 1.0.
Windows Server 2016 (64-bit)	Yes	Yes	Yes	Yes	Yes	Yes	Yes			

Operating System (certified)	Identity Manager Engine (Identity Vault)	Remote Loader	iManager***	Identity Applications	Identity Reporting	Designer	Analyzer	Sentinel Log Management for Identity Governance and Administration	Validator	Package Deployment Tool
SUSE Linux Enterprise Desktop 15						Yes	Yes			
SUSE Linux Enterprise Desktop 12 SP4						Yes	Yes			
MacOS 12						Yes Supported from Identity Manager 4.8 SP5.				
MacOS 11						Yes Supported from Identity Manager 4.8 SP4.				
MacOS 10.15						Yes Supported from Identity Manager 4.8 SP1.				

Operating System (certified)	Identity Manager Engine (Identity Vault)	Remote Loader	iManager***	Identity Applications	Identity Reporting	Designer	Analyzer	Sentinel Log Management for Identity Governance and Administration	Validator	Package Deployment Tool
MacOS 10.14						Yes			Yes Supported from Identity Validator 2.0.	
Windows 10 (Desktop)						Yes	Yes		Yes Supported from Identity Validator 2.0.	Yes Supported from Package Deployment Tool 1.0.

NOTE: Identity Manager components (Identity Vault, Identity Manager engine, Identity Manager drivers and Remote Loader, Designer, Identity Applications, and Identity Reporting) can be deployed as services on Amazon Web Services (AWS) EC2 and Microsoft Azure. These deployments are only supported on Linux. Deployment of Sentinel Log Management is not supported on cloud. For more information, see [Deploying Identity Manager on AWS EC2](#) in the *NetIQ Identity Manager Setup Guide for Linux* or [Deploying Identity Manager on Microsoft Azure](#) in the *NetIQ Identity Manager Setup Guide for Windows*.

* *Operating System Hotfixes:* Before installing Identity Manager, NetIQ recommends that you apply the latest operating system patches according to the manufacturer's automated update facility.

* *Operating System (supported):* Latest versions of service packs for the certified operating systems are supported.

** Lotus Notes Client is only supported on the workstation platforms. A Remote Loader running on SLED (32-bit), Windows 10 (64-bit), and Windows 8 (64-bit) is only supported for the Lotus Notes driver integration. In normal Identity Manager installations, Remote Loader is supported only on server platforms.

*** From Identity Manager 4.8.7 onwards, iManager is no longer a part of the Identity_Manager_4.8.x_<operating_system>.iso deliverable for Linux and Windows OS and Identity Manager containers. NetIQ recommends you freshly install the Identity Console version supported by Identity Manager, as listed under “[Identity Manager Component Versions](#)” on page 13. For installation procedure, see [Identity Console Installation Guide](#) (https://www.netiq.com/documentation/identity-console/identity_console-install/data/bookinfo.html). If you are upgrading standalone Identity Console on Identity Manager, see [Upgrading Standalone Identity Console \(Non Docker\)](#) (https://www.netiq.com/documentation/identity-console/identity_console-install/data/t4h7itft4ue7.html).

† From Identity Manager 4.8.7 onwards, support for Red Hat Enterprise Linux (RHEL) 7.9 and its earlier versions has been discontinued.

‡ From Identity Manager 4.8.7 onwards, support for Open Enterprise Server (OES) 2023 and its earlier versions has been discontinued.

Virtual Environments

Virtualization System (certified)	Identity Manager Engine (Identity Vault)	Remote Loader	Identity Applications	Identity Reporting	Designer	Analyzer	Sentinel Log Management for Identity Governance and Administration
VMWare ESXi 6.7 and later	Yes	Yes	Yes	Yes	Yes	Yes	Yes
VMWare ESX 6.0 and later	Yes	Yes	Yes	Yes	Yes	Yes	Yes
VMWare ESX 5.5 and later	Yes	Yes	Yes	Yes	Yes	Yes	
Hyper-V Server 2012 R2	Yes	Yes	Yes	Yes	Yes	Yes	

Virtualization System (supported): NetIQ supports Identity Manager on enterprise-class virtualization systems that provide official support for the operating systems where NetIQ products are running. As long as the vendors of the virtualization systems officially support these operating systems, NetIQ supports the entire Identity Manager stack on them.

Hardware and Software Requirements

Category (Minimum Requirements)	Identity Manager (includes Identity Vault)	Remote Loader (all types)	iManager Server (applies only up to Identity Manager 4.8.6)	Identity Applications *	Identity Reporting*	Designer	Analyzer	Sentinel Log Management for Identity Governance and Administration
Processor	2 CPU cores	2 CPU cores	2 CPU cores	2 CPU cores	2 CPU cores	2 CPU cores	2 CPU cores	4 to 8 CPU cores
Memory	8 GB	8 GB	8 GB	8 GB	8 GB	4 GB	4 GB	8 to 16 GB

IMPORTANT: Identity Manager is certified on ext3, ext4, and XFS file systems on Linux and NTFS on Windows. BTRFS is not supported for Identity Vault.

* The minimum hardware and software requirements for the Identity Applications and Identity Reporting components should also account for the following components: PostgreSQL, Tomcat, NetIQ One SSO Provider (OSP), and NetIQ Self Service Password Reset.

Identity Manager Component Versions

Table 1 Identity Manager Component Versions

Component	Version supported with Identity Manager 4.8	Version supported with Identity Manager 4.8.1	Version supported with Identity Manager 4.8.2	Version supported with Identity Manager 4.8.3	Version supported with Identity Manager 4.8.4	Version supported with Identity Manager 4.8.5	Version supported with Identity Manager 4.8.6	Version supported with Identity Manager 4.8.7
NetIQ eDirectory	9.2	9.2.2	9.2.3	9.2.4	9.2.5	9.2.6	9.2.7, 9.2.8, and 9.2.9*	9.2.8 and 9.2.9**
NetIQ iManager	3.2	3.2.2	3.2.3	3.2.4	3.2.5	3.2.6	3.2.6.0200	Not Bundled
Identity Console	Not Bundled	Not Bundled	Not Bundled	Not Bundled	Not Bundled	Not Bundled	Not Bundled	1.7
NetIQ Identity Manager Engine	4.8	4.8.1	4.8.2	4.8.3	4.8.4	4.8.5	4.8.6	4.8.7
NetIQ Identity Manager Remote Loader	4.8	4.8.1	4.8.2	4.8.3	4.8.4	4.8.5	4.8.6	4.8.7
NetIQ Identity Manager Fanout Agent	1.2.2	1.2.3	1.2.4	1.2.5	1.2.6	1.2.6	1.2.8	1.2.9
NetIQ Designer for Identity Manager	4.8	4.8.1	4.8.2	4.8.3	4.8.4	4.8.5	4.8.6	4.8.7
NetIQ Identity Applications	4.8	4.8.1	4.8.2	4.8.3	4.8.4	4.8.5	4.8.6	4.8.7
NetIQ Single Sign-on	6.3.6	6.3.9	6.4.1	6.4.3	6.4.6	6.5.3	6.6.1	6.6.7

Component	Version supported with Identity Manager 4.8	Version supported with Identity Manager 4.8.1	Version supported with Identity Manager 4.8.2	Version supported with Identity Manager 4.8.3	Version supported with Identity Manager 4.8.4	Version supported with Identity Manager 4.8.5	Version supported with Identity Manager 4.8.6	Version supported with Identity Manager 4.8.7
NetIQ Identity Manager Self-Service Password Reset	4.4.0.3	4.5.0.0	4.5.0.2	4.5.0.3	4.5.0.4	4.5.0.4	4.6.0.0	4.7.0.0-ea
NetIQ Identity Manager Client Login Extension	4.4	Not Bundled	Not Bundled	Not Bundled	Not Bundled	Not Bundled	Not Bundled	Not Bundled
NetIQ Identity Manager Identity Reporting	6.5	6.6	6.6.1	6.6.2	6.6.5	6.6.8	6.7.2	7.0.1
ZoomDB	1.1.1	1.1.2	1.1.2	1.1.3	1.1.3	1.1.4	1.1.5	1.1.6
NetIQ Sentinel Log Management for Identity Governance and Administration	8.2.3	8.3	8.3	8.4	8.4	8.5.0.1	8.5.0.1	8.5.1.1
NetIQ Analyzer for Identity Manager	4.8	4.8	4.8	4.8	4.8	4.8.5	4.8.5	4.8.5

*Make sure to update eDirectory to version 9.2.7 or higher. Identity Manager 4.8.6 is not compatible with eDirectory versions before 9.2.7.

**Make sure to update eDirectory to version 9.2.8 or higher. Identity Manager 4.8.7 is not compatible with eDirectory versions before 9.2.8.

Dependent Component Versions

Table 2 Dependent Component Versions for Identity Manager 4.8, 4.8.1, 4.8.2, and 4.8.3

Component	Version supported with Identity Manager 4.8	Version supported with Identity Manager 4.8.1	Version supported with Identity Manager 4.8.2	Version supported with Identity Manager 4.8.3
Java	1.8.0 Update 222 NOTE: Designer 4.8.0.1 supports Azul Zulu 1.8.0_242.	1.8.0 Update 252	1.8.0 Update 265	1.8.0 Update 272
Apache Tomcat	9.0.22	9.0.33-1	9.0.37-1	9.0.41-1
Apache ActiveMQ	5.15.9	5.15.12	5.15.13	5.15.13
OpenSSL	1.0.2r	1.0.2u	1.0.2u	1.0.2x
PostgreSQL	9.6.12	12.2	12.2	12.4
MapDB	3.0.5	3.0.5	3.0.5	3.0.5

Table 3 Dependent Component Versions for Identity Manager 4.8.4, 4.8.5, 4.8.6, and 4.8.7

Component	Version supported with Identity Manager 4.8.4	Version supported with Identity Manager 4.8.5	Version supported with Identity Manager 4.8.6	Version supported with Identity Manager 4.8.7
Java	1.8.0 Update 292	1.8.0 Update 312	1.8.0 Update 342	11.64.19 NOTE: ♦ Identity Reporting supports version 1.8.0_372. ♦ Designer 4.8.7 supports Azul Zulu 1.8.0_372.
Apache Tomcat	9.0.50-1	9.0.55-1	9.0.65-1	9.0.74
Apache ActiveMQ	5.15.15	5.15.15	5.16.5	5.18.1
OpenSSL	1.0.2y	1.0.2za	1.0.2zf	1.0.2zg
PostgreSQL	12.6	12.7	12.11	12.14
MapDB	3.0.5	3.0.8	3.0.8	3.0.8

Databases

Table 4 Database Versions Supported with Identity Manager 4.8, 4.8.1, 4.8.2, and 4.8.3

Component	Version(s) supported with Identity Manager 4.8		Version(s) supported with Identity Manager 4.8.1		Version(s) supported with Identity Manager 4.8.2		Version(s) supported with Identity Manager 4.8.3	
	Identity Applications	Identity Reporting	Identity Applications	Identity Reporting	Identity Applications	Identity Reporting	Identity Applications	Identity Reporting
PostgreSQL	9.6.12	9.6.12	12.2	♦ 11.7 ♦ 11.5	12.2	♦ 11.7 or later ♦ 11.5	12.4	♦ 11.7 or later ♦ 11.5
Oracle	♦ 12c ♦ 18c	12c	♦ 19c ♦ 18c	♦ 19c ♦ 18c	♦ 19c ♦ 18c	♦ 19c ♦ 18c	♦ 19c ♦ 18c	♦ 19c ♦ 18c
MS SQL	2017	2017	♦ 2019 ♦ 2017	2017	♦ 2019 ♦ 2017	2017	♦ 2019 ♦ 2017	2017

Table 5 Database Versions Supported with Identity Manager 4.8.4, 4.8.5, 4.8.6, and 4.8.7

Component	Version(s) supported with Identity Manager 4.8.4		Version(s) supported with Identity Manager 4.8.5		Version(s) supported with Identity Manager 4.8.6		Version(s) supported with Identity Manager 4.8.7	
	Identity Applications	Identity Reporting	Identity Applications	Identity Reporting	Identity Applications	Identity Reporting	Identity Applications	Identity Reporting
PostgreSQL	12.6	♦ 11.7 or later ♦ 11.5	12.7	♦ 11.7 or later ♦ 11.5	12.11	♦ 11.7 or later ♦ 11.5	12.14	♦ 12.14 ♦ 11.7 or later ♦ 11.5
Oracle	♦ 19c ♦ 18c	♦ 19c ♦ 18c	♦ 19c ♦ 18c	♦ 19c ♦ 18c	♦ 19c ♦ 18c	♦ 19c ♦ 18c	♦ 19c ♦ 18c ♦ 21c	♦ 19c ♦ 18c
MS SQL	♦ 2019 ♦ 2017	2017	♦ 2019 ♦ 2017	2017	♦ 2019 ♦ 2017	2017	♦ 2019 ♦ 2017	2017

Web Browsers

Any of the following browsers, at a minimum:

- ♦ Google Chrome 91
- ♦ Mozilla Firefox 89
- ♦ Apple Safari 12
- ♦ Microsoft Edge 91
- ♦ Internet Explorer 11.1158.17763.0

NOTE: The Compatibility View option is not supported in the Internet Explorer browser.

System Requirements for Identity Manager Drivers

Driver	System Requirements	Connected System Version	Supported Installation
Driver for Identity Governance	♦ NetIQ Identity Manager 4.8 or later	Identity Gateway Integration Module 1.0.1	Local and remote installation
Driver for Active Directory	♦ NetIQ Identity Manager 4.8 or later	Active Directory installed on: ♦ Windows Server 2019 (64-bit) ♦ Windows Server 2016 (64-bit) ♦ Windows Server 2012 R2 (64-bit) ♦ Windows Server 2012 (64-bit)	Local and remote installation
Bidirectional Driver for eDirectory	♦ NetIQ Identity Manager 4.8 or later ♦ Change-log module 4.0.2 or later (on SLES 12.x and RHEL 7.x)	NetIQ eDirectory 8.8.8.x, 9.0.x, 9.1.x, 9.2.x	Local installation only Remote installation not supported
Driver for Azure Active Directory	♦ NetIQ Identity Manager 4.8 or later	Azure Active Directory cloud	Local and remote installation
Driver for Blackboard	♦ NetIQ Identity Manager 4.8 or later	Blackboard 9 or later	Local and remote installation
Driver for eDirectory	♦ NetIQ Identity Manager 4.8 or later	NetIQ eDirectory 8.8.8.x, 9.0.x, 9.1.x, 9.2.x	Local installation only Remote installation not supported
Driver for Google Apps	♦ NetIQ Identity Manager 4.8 or later	G Suite by Google	Local and remote installation

Driver	System Requirements	Connected System Version	Supported Installation
Driver for GroupWise 2014	♦ NetIQ Identity Manager 4.8 or later	♦ GroupWise 2014 SP1 or later ♦ GroupWise 18 Server	Local and remote installation
Driver for Identity Tracking	♦ NetIQ Identity Manager 4.8 or later	Sentinel 8.2 or later	Local and remote installation
Drivers for JDBC			
JDBC Driver	♦ NetIQ Identity Manager 4.8 or later	♦ IBM DB2 Universal Database 11.5 (on Windows platform only) ♦ IBM DB2 Universal Database (UDB) 9.0 or later ♦ Informix Dynamic Server (IDS) 11.0 or later ♦ Microsoft SQL Server 2012, 2014, 2016, and 2017 ♦ MySQL 5.5.x or later and 5.6.x or later or MySQL 8.x ♦ MariaDB 10.2.13 ♦ Oracle 12c, 18c, and 19c ♦ PostgreSQL 8.4.x or later, 9.0.x or later, 9.6.3, 10.x, and 11 ♦ Sybase Adaptive Server Enterprise (ASE) 15.0 or later	Local and remote installation
JDBC Fan-Out Driver	♦ NetIQ Identity Manager 4.8 or later	♦ Microsoft SQL Server 2012, 2014, and 2016 ♦ MySQL 5.5.x or later and 5.6.x or later or MySQL 8.x ♦ Oracle 12c, 18c, and 19c ♦ Sybase Adaptive Server Enterprise (ASE) 15.0 or later	Local and remote installation

Driver	System Requirements	Connected System Version	Supported Installation
Driver for JMS	◆ NetIQ Identity Manager 4.8 or later	◆ JBossMQ v4.2.2 ◆ JBoss Messaging 1.3.0, JBoss Messaging 1.4.6, and Messaging 2.4.0 ◆ IBM WebSphere MQ v8.x and MQ v9.x ◆ SonicMQ v7.x, and Sonic 8.5 ◆ TIBCO EMS v4, v5, and v8.0 NOTE: The driver uses two main specifications of JMS, 1.0.2b and 1.1.	Local and remote installation
Driver for LDAP	◆ NetIQ Identity Manager 4.8 or later	LDAP v3 compliant LDAP directories	Local and remote installation
Drivers for Linux and UNIX			
Bidirectional Driver	◆ NetIQ Identity Manager 4.8 or later ◆ NetIQ Identity Manager 4.8 Integration Module for Mainframes	◆ AIX* 6, 7 ◆ CentOS 7, 8 (64-bit) ◆ Debian* N/A ◆ HP-UX* 11.23 (RISC and IA64_32) ◆ Oracle Linux N/A ◆ Red Hat* Linux 7, 8 (64-bit) ◆ Solaris* SPARC* 10, 11 ◆ Solaris x86 10, 11 ◆ SUSE Linux 12, 15 ◆ SUSE zLinux s390x 10, 11 (64-bit)	Local and remote installation

Driver	System Requirements	Connected System Version	Supported Installation
Fan-out Driver	◆ NetIQ Identity Manager 4.8 or later ◆ NetIQ Identity Manager 4.8 Integration Module for Mainframes	◆ AIX* 6, 7 ◆ CentOS 7, 8 (64-bit) ◆ Debian* N/A ◆ HP-UX* 11.23 (IA64_32) ◆ Oracle Linux 6, 7 ◆ Red Hat* Linux 7, 8 (64-bit) ◆ Solaris* SPARC* 10, 11 ◆ Solaris x86 10, 11 ◆ SUSE Linux 12, 15 ◆ SUSE zLinux s390x 11 (64-bit)	Local and remote installation
Driver for Linux and UNIX Settings	◆ NetIQ Identity Manager 4.8 or later	Same as any other Java-based driver. It does not have a connected system/ Remote Loader.	Local and remote installation
Driver for Lotus Notes	◆ NetIQ Identity Manager 4.8 or later	Lotus Domino v8.5, v8.5.2, v8.5.3, v9.0.x, and v10.0.1	Local installation not supported Remote installation only Windows 7 and 8, and Windows 10 (32-bit), SLED 12 SP2 or later, or RHEL 6 Client 32-bit
Driver for Multi-Domain Active Directory	◆ NetIQ Identity Manager 4.8 or later	Multi-Domain Active Directory on: ◆ Windows Server 2019 (64-bit) ◆ Windows Server 2016 (64-bit) ◆ Windows Server 2012 R2 (64-bit) ◆ Windows Server 2012 (64-bit)	Local and remote installation
Driver for Mainframe - Bidirectional Driver	◆ NetIQ Identity Manager 4.8 or later ◆ NetIQ Identity Manager 4.8 Integration Module for Mainframe	◆ z/OS* 2.2, 2.3, 2.4 ◆ RACF* (supported z/OS version) ◆ Top Secret* r15, r16 ◆ ACF/2* r15, r16	Local and remote installation

Driver	System Requirements	Connected System Version	Supported Installation
Driver for Midrange - Bidirectional Driver	♦ NetIQ Identity Manager 4.8 or later ♦ NetIQ Identity Manager 4.8 Integration Module for Midrange	♦ V5R4, IBM i 6.1, IBM i 7.1 and later, i5/OS*, OS/400* for Identity Manager 4.6 or later ♦ IBM i 7.1 and later for Identity Manager 4.7 or later ♦ IBM iV7R1 or later	Local and remote installation
Driver for Oracle E-Business Suite	♦ NetIQ Identity Manager 4.8 or later	Oracle E-Business Suite 12.1.1 and above	Local and remote installation
Driver for Office 365	♦ NetIQ Identity Manager 4.8 or later	Office 365 Web Service	Local installation not supported Remote installation only
Driver for Peoplesoft 5.2	♦ NetIQ Identity Manager 4.8 or later	PeopleSoft Application Server with: ♦ PeopleTools 8.17 or later versions in the 8.1x release ♦ PeopleTools 8.20 or later versions in the 8.2x release ♦ PeopleTools 8.41 or later versions in the 8.4x release ♦ PeopleTools 8.50 and later versions in the 8.5x release	Local installation not supported Remote installation only
Driver for Privileged Account Manager	♦ NetIQ Identity Manager 4.8 or later	Privileged Account Manager 3.0 or later	Local and remote installation
Driver for Remedy Action Request System (ARS)	♦ NetIQ Identity Manager 4.8 or later	♦ Action Request System Server 7.1 or later ♦ Action Request System Server 8.x ♦ Action Request System Server 9.x	Local and remote installation
Driver for REST	♦ NetIQ Identity Manager 4.8 or later	Any RESTful service	Local and remote installation
Driver for Salesforce.com	♦ NetIQ Identity Manager 4.8 or later	Saleforce.com Web service	Local and remote installation
Driver for SAP HR	♦ NetIQ Identity Manager 4.8 or later	SAP HR system	Local and remote installation
Driver for SAP Portal	♦ NetIQ Identity Manager 4.8 or later	SAP NetWeaver 7.x	Local and remote installation

Driver	System Requirements	Connected System Version	Supported Installation
Driver for SAP User Management	♦ NetIQ Identity Manager 4.8 or later	SAP User Management systems (BASIS or Web Application Server)	Local and remote installation
Driver for SAP User Management Fan-Out	♦ NetIQ Identity Manager 4.8 or later	SAP Basic 7.0.0 system or later	Local and remote installation
Driver for Scripting	♦ NetIQ Identity Manager 4.8 or later ♦ Windows Server 2012 (all editions; Core installation not supported) ♦ Windows Server 2016 (all editions) ♦ Windows 8.1 ♦ Windows 10 If you intend to use the 64-bit Scripting Driver, you must install an x64 (not ia64) version of Windows.	♦ AIX* 6.1, 7 ♦ HP-UX* 11.31 (IA64_32, IA64_64) ♦ Mac OS X 10.8, 10.9 (Darwin x86) ♦ Solaris* SPARC* 10, 11 ♦ Solaris x86 10, 11 ♦ SUSE Linux 12, 15 ♦ SUSE zLinux s390x 11 (64-bit) ♦ Red Hat* Linux 7, 8 (32 and 64-bit) ♦ CentOS Linux 7, 8 (32 and 64-bit) ♦ Debian* Linux 6, 7 (32-bit) ♦ Oracle Linux 7, 8 (32 and 64-bit)	Local and remote installation
Driver for ServiceNow	♦ NetIQ Identity Manager 4.8 or later	♦ Orlando ♦ Paris ♦ Quebec ♦ Rome	Local and remote installation
Driver for SOAP	♦ NetIQ Identity Manager 4.8 or later	SOAP 1.1 or later	Local and remote installation
Driver for SharePoint	♦ NetIQ Identity Manager 4.8 or later	♦ SharePoint Server 2013 ♦ SharePoint Server 2016	Local installation not supported Remote installation only
Driver for Ellucian Banner	♦ NetIQ Identity Manager 4.8 or later	BEIS (Banner Enterprise Integration Service)	Local and remote installation

NOTE: For more information about system requirements for each driver, see the driver implementation guide at [Identity Manager Driver Documentation website](#).