



**Ivanti Connect Secure Supported Platforms Guide**  
22.1R1-22.7R2



# Copyright Notice

This document is provided strictly as a guide. No guarantees can be provided or expected. This document contains the confidential information and/or proprietary property of Ivanti, Inc. and its affiliates (referred to collectively as "Ivanti") and may not be disclosed or copied without prior written consent of Ivanti.

Ivanti retains the right to make changes to this document or related product specifications and descriptions, at any time, without notice. Ivanti makes no warranty for the use of this document and assumes no responsibility for any errors that can appear in the document nor does it make a commitment to update the information contained herein. For the most current product information, please visit [www.lvanti.com](http://www.lvanti.com).

Copyright © 2024, Ivanti, Inc. All rights reserved.

Protected by patents, see <https://www.ivanti.com/patents>.

---

# Contents

---

<b>Copyright Notice</b> .....	<b>3</b>
<b>Revision History</b> .....	<b>5</b>
<b>Introduction</b> .....	<b>6</b>
<b>Hardware</b> .....	<b>7</b>
Virtual Appliances Support .....	7
<b>Windows Supported Platforms</b> .....	<b>8</b>
<b>Mac OS Supported Platforms</b> .....	<b>13</b>
<b>Java Supported Platforms</b> .....	<b>14</b>
<b>Linux Supported Platforms</b> .....	<b>15</b>
<b>ISA VA Supported Platforms</b> .....	<b>16</b>
<b>Pulse Secure Installer Service</b> .....	<b>19</b>
<b>Cross-Platform Features</b> .....	<b>20</b>
<b>Pulse Secure Application Launcher (PSAL) Support</b> .....	<b>21</b>
<b>Ivanti Secure Access Client</b> .....	<b>22</b>
<b>Platform Support for Device Onboarding</b> .....	<b>23</b>
<b>MDM Solutions</b> .....	<b>24</b>
<b>Platform Support for AAA</b> .....	<b>25</b>
<b>Third-Party Applications</b> .....	<b>27</b>

# Revision History

The following table lists the revision history for this document:

Date	Revision	Description
May 2024	227R2	Updated with build numbers and new qualification.
November 2023	22.6R2.1	Updated with build numbers and new qualification.
October 2023	22.6R2	Updated with build numbers and new qualification.
August 2023	22.5R2.1	Updated with build numbers.
June 2023	22.4R2.1	Updated with Advanced HTML5 qualification
April 2023	22.4R2 and 22.4R1	Updated with new qualification
November 2022	22.3R1	Updated with new qualification
April 2022	22.1R1	Updated with new qualification and Compatibilities.
February 2022	21.12R1	Updated ISA Virtual Appliances Platforms details
January 2022	21.12R1	Updated GCP details
October 2021	21.9R1	New Release

# Introduction

This document describes the client environments and IT infrastructure that are compatible with this release.

In this document, we identify compatibility testing for this release with the following terminology:

- Qualified (Q) -Indicates that the item was systematically tested by QA for this release.
- Compatible (C)-Indicates that the item was not tested for this release, but based on testing done for previous releases, we support it.

Ivanti supports all items listed as qualified or compatible.

## **Build Details for 22.7R2**

- ICS 22.7R2 Build 2615
- ISAC 22.7R2 Build 29103

# Hardware

You can install and use Release 22.x software on the following platforms.

- ISA6000 and ISA8000 Appliance with ICS 22.x is supported.

## Virtual Appliances Support

- Virtual Appliances (ISA-V) on ESXi, Microsoft Azure, Amazon AWS, Hyper-V, OpenStack KVM, Nutanix, and Google Cloud Platform (GCP).

For more information, refer to ["ISA VA Supported Platforms" on page 16](#).

# Windows Supported Platforms

The following table lists the **Supported Windows Platforms vs ICS features**:

## Windows Platforms for 22.7R2

Windows Platform	Browsers and Java Versions	Admin UI	BYOD	Advanced HTML5	Host Checker	Cross Platform Features	PSAL	PSIS	Terminal Services	JSAM
<b>Windows 11_ Intel</b>	Edge : Version 124.0.2478.80 (Official build) (64-bit) Chrome : Version 124.0.6367.119 (Official Build) (32-bit) Fire fox : 102.9.0esr (32-bit)	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Windows 11_ Arm OS Build 26120</b>	Edge : Version 125.0.2535.13 (Official build) (64-bit)	Q	Q	Q	Q	Q	Q	Q	Q	Q



Windows Platform	Browsers and Java Versions	Admin UI	BY OD	Advanced HTML 5	Host Checker	Cross Platform Features	PS AL	PSI S	Terminal Services	JSA M
	Chrome :Version 124.0.6367.119 (Official Build) (32-bit) Fire fox : 115.10.0 esr (32 bit)									
<b>Windows 10_ Intel</b>	Edge : Version 111.0.1661.54 (Official build) (64-bit) Chrome : Version 111.0.5563.111 (Official Build) (32-bit) Fire fox : 102.9.0esr (32-bit)	C	C	C	C	C	C	C	C	C

Windows Platform	Browsers and Java Versions	Admin UI	BY OD	Advanced HTML5	Host Checker	Cross Platform Features	PSAL	PSIS	Terminal Services	JSAM
<b>Windows 11 : 22H2 (OS Build 22623)</b>	Edge : Version 114.0.1823.51 (Official build) (64-bit) Chrome : Version 114.0.5735.134 (Official Build) (64-bit) Firefox : 102.12.0 esr (32-bit)	C	C	C	C	C	C	C	C	C
<b>Windows 10 : 22H2 (OS Build 19045)</b>	Edge : Version 114.0.1823.51 (Official build) (64-bit) Chrome : Version 114.0.5735.134 (Official Build) (64-bit)	C	C	C	C	C	C	C	C	C

Windows Platform	Browsers and Java Versions	Admin UI	BYOD	Advanced HTML5	Host Checker	Cross Platform Features	PSAL	PSIS	Terminal Services	JSAM
	Fire fox : 102.12.0 esr (32-bit)									
<b>Windows 11 : 22H2 (OS Build 23419) (ARM Based)</b>	Edge : Version 114.0.1823.51 (Official build) (64-bit) Chrome : Version 114.0.5735.134 (Official Build) (64-bit) Fire fox : 102.12.0 esr (32-bit)	C	C	C	C	C	C	C	C	C
<b>Windows 11 21H2 Professional, 64 bit</b>	Edge 103.0.1264.49 (Official build) (64-bit)	C	C	C	C	C	C	C	C	C

Windows Platform	Browsers and Java Versions	Admin UI	BYOD	Advanced HTML5	Host Checker	Cross Platform Features	PSAL	PSIS	Terminal Services	JSAM
	Google Chrome 103.0.5060.114 Firefox ESR 78.91.11.0esr (32-bit) Oracle JRE 8 Update 331									

# Mac OS Supported Platforms

The following table lists the **supported Mac OS platforms vs ICS features**:

## Mac OS platforms for 22.7R2

Mac Platform	Browsers and Java Versions	Admin UI	BYOD	Advanced HTML5	Cross Platform Features	Host Checker	PSAL	JSAM
<b>MAC OS Sonoma 14 (M1)</b>	Safari 17	Q	Q	Q	Q	Q	Q	Q
<b>MAC OS Monterey 12.6 (M2)</b>	Safari 16.0, Chrome107,	Q	Q	Q	Q	Q	Q	Q
<b>MAC OS Monterey 12.1 (Intel)</b>	Safari 15.2, Chrome107	Q	Q	Q	Q	Q	Q	Q
<b>MAC OS Ventura 13.2.1 (M1)</b>	Safari 16.0, Chrome107,	C	C	C	C	C	C	C
<b>Mac OS Big Sur Version 11.6 (</b>	Safari 14.0 , Chrome 86 , Java 8 update 291	C	C	C	C	C	C	C

# Java Supported Platforms

The following table lists the **supported Java platforms**:

## Java Supported platforms for 22.7R2

Platform	Qualified Java version	Compatible Java Version
<b>Windows 11_Intel</b>	Open JDK-21 Oracle Java 8 update 411.	Open JDK-21 Oracle Java 8 update 381.
<b>Windows 11_Arm</b>	Open JDK-21 Oracle Java 8 update 411.	Open JDK-21 Oracle Java 8 update 381.
<b>MAC OS Sonoma 14 (M1)</b>	Open JDK-21	Open JDK-17
<b>MAC OS Monterey Version 12.6 (M2)</b>	Open JDK-17	Open JDK-17 Oracle Java 8 update 361.
<b>MAC OS Monterey Version 12.1 (Intel)</b>	Open JDK-21 Oracle Java 8 update 411.	
<b>MAC OS Ventura 13.2.1 (M1)</b>		Open JDK-17
<b>MAC OS Monterey Version 12.6.8 (Intel)</b>		Open JDK-17 Oracle Java 8 update 361.

---

# Linux Supported Platforms

The following table lists the **supported Linux platforms vs ICS features**:

## Linux Platforms for 22.7R2

Linux Platform	Browsers	Admin UI	PSAL	JSAM
<b>Ubuntu 20.04 LTS</b>	Firefox ESR 78.12, 64-bit	Q	Q	Q
<b>Ubuntu 16.04 LTS</b>	Firefox ESR 78.7.1, 64-bit	C	C	C
<b>Ubuntu 18.04 LTS</b>	Firefox ESR 78.7.1, 64-bit	C	C	C

# ISA VA Supported Platforms

The following table lists supported ISA Virtual Appliances Platforms:

## ISA VA Platforms for 22.7R2

Hypervisor Platform	Qualified	Compatible	Qualified Cloud VM Types/Equivalent ISA-V
<b>VMware</b>			
ESXi 7.0.3	Q		(4 vCPUs / ISA4000-v), (8 vCPUs,ISA6000-v), (12 vCPUs, ISA8000-v)
ESXi 6.7 Update 2c	Q		(4 vCPUs / ISA4000-v), (8 vCPUs,ISA6000-v), (12 vCPUs, ISA8000-v)
ESXi 6.5		C	(4 vCPUs / ISA4000-v), (8 vCPUs,ISA6000-v), (12 vCPUs, ISA8000-v)
<b>AWS</b>	Q		<ul style="list-style-type: none"> <li>• m5.xlarge/ ISA4000-V</li> <li>• m5.2xlarge/ ISA6000-V</li> <li>• m5.4xlarge/ ISA8000-V</li> <li>• t3.xlarge/ ISA4000-V</li> <li>• t3.2xlarge/ ISA6000-V</li> </ul>
<b>Azure</b>	Q		<ul style="list-style-type: none"> <li>• Standard_DS3_v2/ ISA4000-V</li> <li>• Standard_DS4_v2/ ISA6000-V</li> </ul>



Hypervisor Platform	Qualified	Compatible	Qualified Cloud VM Types/Equivalent ISA-V
			<ul style="list-style-type: none"> <li>• Standard_D4s_v3/ ISA4000-V</li> <li><b>Note:</b> Supports only 2 NIC deployment. 3 NIC deployment is currently unsupported.</li> <li>• Standard_D8s_v3/ ISA6000-V</li> <li>• Standard_D16s_v3/ ISA8000-V</li> <li>• F4s_v2/ ISA4000-V</li> <li>• F8s_v2/ ISA6000-V</li> <li>• F16s_v2/ ISA8000-V</li> </ul>
<b>GCP</b>	Q		<ul style="list-style-type: none"> <li>• n2-standard-4 ( 4 vCPU 16 GB)/ ISA 4000-V</li> <li>• n2-standard-8 ( 8 vCPU 32 GB)/ ISA 6000-V</li> <li>• n2-standard-16 ( 16 vCPU 64 GB)/ ISA 8000-V</li> <li>• c2-standard-8 ( 8 vCPU 64 GB)/ ISA6000-V</li> </ul>

Hypervisor Platform	Qualified	Compatible	Qualified Cloud VM Types/Equivalent ISA-V
			<ul style="list-style-type: none"> <li>n1-standard-4 ( 4 vCPU 16 GB)/ ISA400-V</li> </ul>
<b>OpenStack KVM</b>			
OpenStack Wallaby on Ubuntu 20.04 LTS	Q		(4 vCPUs / ISA4000-v), (8 vCPUs,ISA6000-v), (12 vCPUs, ISA8000-v)
<b>Hyper-V</b>			
Microsoft Hyper-V Server 2016 and 2019	Q		(4 vCPUs / ISA4000-v), (8 vCPUs,ISA6000-v), (12 vCPUs, ISA8000-v)
<b>Nutanix</b>			
AHV 2021	Q		(4 vCPUs / ISA4000-v), (8 vCPUs,ISA6000-v), (12 vCPUs, ISA8000-v)

# Pulse Secure Installer Service

Pulse Secure Installer Service is supported for the following client applications:

- Host Checker
- Terminal Services

# Cross-Platform Features

The Ivanti Connect Secure supports the following features on multiple platforms:

- File Browsing



Rewriting via Mobile devices is not supported/qualified.

---

- HTML5 RDP
- Java Secure Application Manager (JSAM)
- Web Browsing

# Pulse Secure Application Launcher (PSAL) Support

Ivanti Connect Secure uses, "Pulse Secure Application Launcher" (PSAL), for launching and installing Pulse Secure clients from a web browser which have deprecated Java Plugin, ActiveX technologies and have restrictions on Java.

- Supported on Mozilla Firefox, Google Chrome & Edge Browser on Windows Platform.
- Supported on Safari and Chrome on Mac OS.

Details are listed in Windows Supported Platforms.

Pulse Application Launcher supports delivery & installation of following Components:

- Ivanti Secure Client Access
- Host Checker
- Terminal Services
- Java Secure Application Manager

# Ivanti Secure Access Client

For more information, see the Ivanti Secure Access Client [Supported Platforms Guide](#).

# Platform Support for Device Onboarding

The following **Device Onboarding Features** table lists Device onboarding features that are qualified with this release:

## Device Onboarding for 22.7R2

Operating System/Feature	VPN Profile	Certificate Profile	WiFi Profile
IOS 15.5	Q	Q	Q
Android 12 and 11.x	Q	Q	Q
Windows 11,10	-	Q	Q
Mac OS X 10.12, Safari 9.0 & Safari 10.0 Mac OS X 10.10.5, Safari 8.0.8	-	Q	Q
Mac OS Big Sur Version 11.0.1 (20B29)	-	Q	Q

# MDM Solutions

The following **MDM Vendors** table lists the requirements for integration with mobile device management (MDM) vendors:

## Mobile Device Management for 22.7R2

Solution	Supported Version	Support Mobile endpoints
<b>VMWare Workspace One (formerly Airwatch)</b>		
VMWare Workspace One (formerly Airwatch) Cloud Intelligent Hub Application	22.4.0.6 (2204) 22.06.0.11	Android version 13 iOS version 17.1.1
<b>Ivanti (formerly MobileIron)</b>		
Endpoint Manager Mobile (formerly MobileIron Core)	Core 11.8.0.0 Build 29	
Mobile work application on endpoint	11.10.0.0.71R 12.11.101a	Android OS: 13, Model: Pixel5 iOS: 17.1.1, iPhone 12 pro
Neurons for MDM (formerly MobileIron Cloud)	MI cloud server version : Cloud 94	
MobileIron go version	89.1.0.4(20084); 90.0.1.a;	Android OS: 13, Model: Pixel5 iOS: 17.1.1, iPhone 12 pro
<b>Microsoft Intune</b>		
Cloud service	Release version 2311	Android OS: 13, Model: Pixel5 iOS: 17.1.1, iPhone 12 pro



# Platform Support for AAA

The following **Third-Party AAA Servers** table lists supported third-party AAA servers:

## Third-Party AAA Servers for 22.7R2

Third-Party AAA Server	Qualified	Compatible
Active Directory*	Windows Server 2022 Windows Server 2019	Windows Server 2016
LDAP using Microsoft Active Directory	Windows Server 2022 Windows Server 2019	Windows Server 2016
LDAP (other standards-compliant servers)	OpenLDAP 2.3.27	Authentication and authorization based on user attributes or group membership.
RADIUS	Radius Server 3.0.26 Steel-Belted RADIUS (SBR) 6.1 Defender 5.2 RSA Authentication Manager 8.4.0.3.0	Azure MFA Radius Windows IAS 2008 RSA Authentication Manager 8.3 RADIUS (other standards-compliant servers)
RADIUS IPv6 Support	Steel-Belted RADIUS (SBR) 6.1 Radius Server 3.0.26	RADIUS (other standards-compliant servers)
ACE	RSA Server 8.7 RSA Authentication Manager 8.5	RSA Authentication Manager 8.3 RSA Authentication Manager 8.2 RSA Authentication Manager 8.1 RSA Authentication Manager 8.0 SP4
Certificate	Windows Server 2022 Windows Server 2019	RSA Keon Certificate Manager 6.5.1 Windows Server 2016
Certificate (other standards-compliant servers)		C
SAML*** 2.0, 1.1	Azure AD	PingFederate 6.4.1.1

Third-Party AAA Server	Qualified	Compatible
		Microsoft ADFS 2.0 (Server 2008 R2) Oracle Identity Federation 11.1.1.2.0
SAML 2.0, 1.1 (other standards-compliant servers)		C
OAuth 2.0	Q	OpenID providers
<p>*Additional requirements and limitations apply. See Active Directory section in the ICS Administration Guide.</p> <p>** Applicable only for New AD mode Auth server.</p> <p>***For information on the SAML SSO profiles, bindings, and protocols that we support, see Supported SAML SSO Profiles section in the ICS Administration Guide.</p>		

# Third-Party Applications

The following **Third-Party Applications** table lists supported third-party applications:

## Third-Party Applications for 22.7R2

Application	Support Summary	Qualified	Compatible
<b>File Browsing</b>			
Windows Server 2022	Shared folder (Normal file server and DFS)	Q	
Windows Server 2019	Shared folder (Normal file server)		C
Windows Server 2016	Shared folder (Normal file server)		C
<b>Outlook Web Access (OWA)</b>			
OWA 2016 and above	Web Profiles (Rewriter, Passthrough Proxy)	Q	
OWA 2013 SP1	Web Profiles (Rewriter, Passthrough Proxy)		C
OWA 2010 SP2, SP1	Web Profiles (Rewriter, Passthrough Proxy)		C
<b>SharePoint</b>			
SharePoint 2019 (Classic UI only)	Web Profiles (Rewriter, Passthrough Proxy)	Q	
SharePoint 2016	Web Profiles (Rewriter, Passthrough Proxy)		C
SharePoint 2013 SP1	Web Profiles (Rewriter, Passthrough Proxy)		C
SharePoint 2010, 2007	Web Profiles (Rewriter, Passthrough Proxy)		C
<b>IBM Domino</b>			

Application	Support Summary	Qualified	Compatible
Lotus iNotes 7.0, 8.0, 8.5 and above	Web Profiles (Rewriter, Passthrough Proxy)	Q	
<b>Citrix</b>			
Citrix Virtual Apps and Desktops 7 2206	HTML5 Access and CTS	Q	
Citrix StoreFront 2206	HTML5 Access and CTS	Q	
Citrix Workspace version 2109	Web, Terminal Services and SAM Profile	Q	
Citrix Virtual Apps and Desktops 7 2206	Citrix Terminal Services	Q	
Citrix Virtual Apps and Desktops 7 2206	VDI Profiles	Q	
Citrix Virtual Apps and Desktops 7 below 1912	HTML5 Access and CTS		C
Citrix StoreFront 1912 LTSR	HTML5 Access and CTS		C
Citrix StoreFront versions 3.16 and below	HTML5 Access and CTS		C
Citrix StoreFront with HTML5 Access	Custom Web Profile		C
Citrix Listed Applications with Server 6.5 SP1, 6.0, 7.6, 7.8	Citrix Terminal Services		C
Citrix Workspace version 2002	Web, Terminal Services and SAM Profile		C
Citrix Receiver versions below 4.11	Web, Terminal Services and SAM Profile		C
Citrix Virtual Apps and Desktops 7 1912 LTSR	Citrix Terminal Services		C
Citrix XenApp and XenDesktop 7.18 and below	Citrix Terminal Services		C

Application	Support Summary	Qualified	Compatible
Citrix Virtual Apps and Desktops 7 1912 LTSR	VDI Profiles		C
Citrix XenDesktop 7.15 and below	VDI Profiles		C
<b>Advanced HTML5</b>			
RDP	Back end Windows Desktops (Windows 10/11 and Windows Server)	Q	
SSH,TELNET	Ubuntu and Linux	Q	
VNC	Ubuntu and MAC desktops	Q	
<b>VMWare</b>			
VMWare View Connection Server version : 2206 (8.6.0.20099816)	Rewriter	Q	
VMWare Horizon Agent version 8.6.0.20088748	VDI Profiles	Q	
VMWare Horizon View HTML Access version 8.6.0.20099642	VDI Profiles	Q	
VMWare Horizon View HTML Access versions below 5.4	VDI Profiles	Q	
VMWare Horizon View Client version: 2103 ( 8.2.0.18176)	VDI Profiles	Q	
VMWare Horizon View Connection Server version 8.0, 8.1	Rewriter		C
VMWare Horizon View Connection Server version 7.12	Rewriter		C
VMWare Horizon View Connection Server version 7.12	Rewriter		C
VMWare Horizon View Connection Server versions below 7.12	Rewriter		C
VMWare Horizon Agent versions below 7.12	VDI Profiles		C

<b>Application</b>	<b>Support Summary</b>	<b>Qualified</b>	<b>Compatible</b>
VMWare Horizon View HTML Access versions below 5.4	VDI Profiles		C
VMWare Horizon View Client version 5.4	VDI Profiles		C
VMWare Horizon View Client versions below 5.4	VDI Profiles		C
<b>Exchange ActiveSync</b>			
Microsoft Office 365	Secure Mail Resource Profile	Q	
Exchange 2019	Secure Mail Resource Profile	Q	
Exchange 2016	Secure Mail Resource Profile		C
<b>ESAP Package</b>			
ESAP 4.3.8 (default version)	Host Checker	Q	
ESAP 4.0.5 (minimum version)	Host Checker	Q	