



# Pulse Connect Secure Supported Platforms Guide

PCS 9.0R3

Build 64003.5

For more information, go to [www.pulsesecure.net/products](http://www.pulsesecure.net/products)

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Pulse Secure, LLC

2700 Zanker Road, Suite 200

San Jose, CA 95134 <https://www.pulsesecure.net>

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# Revision History

Table 11 lists the revision history for this document.

Revision	Description
December 2018	9.0R3 Updates
August 2018	9.0R2 Updates
April, 2018	9.0R1 Updates
05 June 2017	8.3R2 Updates
02/04 Sep 2015	Revised with a new SPG template
01/03 July 2015	Initial publication.

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# 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.

Pulse Secure supports all items listed as qualified or compatible.

# Hardware

You can install and use Release 9.0 software on the following platforms.

- PSA300
- PSA3000
- PSA5000
- PSA7000f
- PSA7000c
- Virtual Appliances (PSA-V) on ESXi, KVM, Hyper-V, Microsoft Azure, AWS.

# Client Environment Contents

- [Windows Supported Platforms](#)
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You can install and use Release 9.0 software on the following platforms.

## Windows Supported Platforms

Table 1 Lists supported windows platforms vs PCS features:

Windows Platform	Admin UI	BYOD	Cross Platform Features	Host Checker	Network Connect	Pulse Secure Application Launcher	Pulse Secure Installer Service	Windows Secure Application Manager	Terminal Services
<b>Windows-10 Redstone 5 OS Build 1809 Version 10.0.17763.134, 64-bit</b> Internet Explorer 11, Edge, Google Chrome 61, Firefox ESR 60, Oracle JRE 8, 9 and 10 update 144	Q	Q	Q	Q	Q	Q <sup>②</sup>	Q	Q <sup>③</sup>	Q
<b>Windows-10 Redstone 4 OS Build 1803 Version 10.0.17134, 64-bit</b> Internet Explorer 11, Edge, Google Chrome 61, Firefox 52 ESR, Oracle JRE 8 update 144	C	C	C	C	C	C	C	C	C
<b>Windows-10 Redstone 3 OS Build 1709, Version 10.0.16299.15, 64-bit</b> Internet Explorer 11, Edge, Google Chrome 61, Firefox 52 ESR, Oracle JRE 8 update 144	C	C	C	C	C	C	C	C	C
<b>Windows 10 RedStone-2 Enterprise/Pro/Home, Build 1703 Version 10.0.15063.332, 64-bit</b> Internet Explorer 11, Edge, Google Chrome 58, Firefox 52 ESR, Oracle JRE 8 update 131	C	C	C	C	C	C	C	C	C
<b>Windows 10 Enterprise/Pro/Home</b> Internet Explorer 11, Edge, Google Chrome, Firefox 52 ESR, Oracle JRE 8	C	C	C	C	C	C	C	C	C



Windows Platform	Admin UI	BYOD	Cross Platform Features	Host Checker	Network Connect	Pulse Secure Application Launcher	Pulse Secure Installer Service	Windows Secure Application Manager	Terminal Services
Windows 8.1 Update/ Professional / Enterprise, 64-bit	Q	Q	Q	Q	Q	Q <sup>②</sup>	Q	Q	Q
Windows 8.1 Update/ Professional / Enterprise, 32-bit	C	C	C	C	C	C <sup>②</sup>	C	C	C
Windows 8 Basic edition / Professional/ Enterprise, 32-bit & 64-bit	C	C	C	C	C	C <sup>②</sup>	C	C	C
Windows 7 Enterprise SP1, 64-bit	Q	Q	Q	Q	Q	Q <sup>②</sup>	Q	Q	Q
Windows 7 Ultimate / Professional / Home Basic / Home, 32-bit or 64-bit Windows 7 Enterprise (32-bit)	C	C	C	C	C	C <sup>②</sup>	C	C	C
Windows 7 Enterprise SP1, 64-bit Windows 8.1 Update/ Professional / Enterprise, 64-bit Windows 10 Enterprise/Pro/Home	C	C	C	-	C	-	C	C	C

 **Note:** Network Connect Support EOL from 8.3R1 onwards on MAC platforms.

**Note:** On RS5 client, WSAM behavior is not consistent, i.e. at times when WSAM is launched, the traffic for the configured resources is not SAMized. As a workaround, use Pulse SAM.

## Mac OSX Supported Platforms

Table 2 lists supported Mac OSX platforms vs PCS features:

Mac OSX Platform	Admin UI	BYOD	Cross Platform Features	Host Checker	Network Connect	Pulse Secure Application Launcher	Pulse Secure Installer Service	Windows Secure Application Manager	Terminal Services
Mac OS Mojave Version 10.14 Safari 12.0 Oracle JRE, JDK 8, 9 and 10	Q	Q	Q	Q	-	Q	-	-	-
Mac OS High Sierra Version 10.13 Safari 11.0 Oracle JRE, JDK 8, 9 and 10	Q	Q	Q	Q	-	Q	-	-	-
Mac OS X 10.12 Safari 10.1, Safari 9.0 Oracle JRE 8	C	Q	Q	Q	-	Q	-	-	-
Mac OS X 10.10, 10.11 Safari 10.1, Safari 8.0 Oracle JRE 8	C	C	C	C	-	C	-	-	-
Mac OS X 10.9 Safari 9.1.3, Safari 9.0, Safari 7.0 Oracle JRE 8	C	C	C	C	-	-	-	-	-
Mac OS X 10.8 Safari 6.2.8, Safari 6.0 Oracle JRE 8	C	C	C	C	C	-	-	-	-

**Note:** Pulse Secure Application Launcher supports Pulse Client and Host Checker.

**Note:** Network Connect Support EOL from 8.3R1 onwards on MAC platforms.

## Linux Supported Platforms

Table 3 lists supported Linux platforms vs PCS features:

Linux Platform	Admin UI	BYOD	Cross Platform Features	Host Checker	Network Connect	Pulse Secure Application Launcher	Pulse Secure Installer Service	Windows Secure Application Manager	Terminal Services	Pulse Secure Linux
openSUSE 12.1 Firefox 38 ESR	C	-	Q	C	C	-	-	-	-	-
Firefox 52 ESR, 32-bit	C	-	C	C	C	-	-	-	-	-

Linux Platform	Admin UI	BYOD	Cross Platform Features	Host Checker	Network Connect	Pulse Secure Application Launcher	Pulse Secure Installer Service	Windows Secure Application Manager	Terminal Services	Pulse Secure Linux
<b>openSUSE 11.x, 10.x</b>	Oracle JRE 8	C	-	C	C	C	-	-	-	-
<b>Ubuntu 16.04 LTS</b>	Firefox 52, ESR, 64-bit	-	-	-	C	Q	-	-	-	Q
<b>Ubuntu 15.04</b>	Firefox 52, ESR, 64-bit	-	-	-	C	C	-	-	-	Q
<b>Ubuntu 14.04 LTS</b>	Firefox 52, ESR, 64-bit	C	-	Q	Q	Q	-	-	-	Q
<b>Ubuntu 12.04 LTS, 11.x, 10.x, 9.10</b>	Oracle JRE 7 and later	C	-	C	C	C	-	-	-	C
<b>RHEL 5</b>	Firefox 52 ESR, 32-bit	C	-	C	C	C	C	-	-	C
<b>RHEL 7</b>	Firefox 52 ESR, 64-bit	-	-	-	C	Q	-	-	-	Q
<b>Fedora 23 (32 bit)</b>	Firefox 52 ESR 32-bit	-	-	-	C	C	-	-	-	Q (Pulse Secure Linux does not support browser launch)
<b>Fedora 23 (64 bit)</b>	Firefox 52 ESR 64-bit	-	-	-	C	Q	-	-	-	Q (Pulse Secure Linux does not support browser launch)

Linux Platform	Admin UI	BYOD	Cross Platform Features	Host Checker	Network Connect	Pulse Secure Application Launcher	Pulse Secure Installer Service	Windows Secure Application Manager	Terminal Services	Pulse Secure Linux
CentOS 6.4	Firefox 52, 32-bit/64-bit	-	-	C	Q	-	-	-		C
				C	C					
CentOS 7.0	Firefox 52, 64-bit	-	-		C	-	-	-		Q

## Pulse Secure Installer Service

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

- Network Connect
- Windows Secure Application Manager
- Host Checker
- Pulse Collaboration
- Terminal Services

## Cross-Platform Features

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

- File Browsing
- HTML5 RDP
- Java Secure Application Manager (JSAM)
- Premier Java Applet
- Pulse Collaboration
- Secure Terminal Access
- Web Browsing

## Network Connect Notes

For Network Connect, a Linux endpoint can run a 32-bit client on a 64-bit Linux platform.

## Pulse Secure Application Launcher (PSAL) Support

Pulse Connect Secure 8.2R1 introduced a new mechanism, “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.



**Note:**

- Supported on Mozilla Firefox, Google Chrome & Edge Browser on Windows Platform.
- Supported on Safari 12 on Mac OS High Sierra 10.13 and Mac OS Mojave 10.14

Details are listed in Windows Supported Platforms .

Pulse Application Launcher supports delivery & installation of following Components:

- Pulse Desktop Client
- Network Connect
- Windows Secure Application Manager
- Host Checker
- Pulse Collaboration
- Terminal Services
- Terminal Services – Premiere JAVA Applet (HOB Applet)
- Java Secure Application Manager

## Pulse Desktop Client

See the Pulse Secure Desktop Client Supported Platforms Guide

## Pulse Secure Collaboration Client Recommendations

Table 4 lists the recommended minimum platform requirements for Pulse Secure collaboration client.

Component	Requirements
<b>CPU</b>	1 GHz or more for Windows Client. 1 GHz G4 or Intel processor for a Mac.
<b>Memory</b>	256 MB of available RAM or more.
<b>Color Quality</b>	For best results, use 16 bits. 8 bits, 16 bits, 24 bits, and 32 bits are also supported.
<b>Monitor Resolution</b>	1024 x 768 pixels. Up to 2048 x 2048 pixels is supported.

**Note:** Pulse Secure Collaboration Client is not supported on a Mac PowerPC. It is supported only on Intel-based Mac machines.

**Note:** Pulse Collaboration sharing features are not supported on Ubuntu 12.04, Linux openSUSE 11.x, 10.x, and Linux openSUSE 12.1.

## Pulse Secure Mobile Client

Table 5 lists supported mobile platforms for the Pulse Secure Mobile Client.

Mobile Platforms	Active Sync	Host Checker	HTML5 RDP	VPN	Pulse Collaboration	Rewriter
<b>Android</b> Android 7.0 and 6.0	Q	Q	Q	Q	-	-

Mobile Platforms	Active Sync	Host Checker	HTML5 RDP	VPN	Pulse Collaboration	Rewriter
<b>Android</b> 5.1.1, 4.4.4, 4.4.3, 4.4.2 and 4.3	C	C	C	C	-	-
<b>IOS</b> iOS 10.2.1, 9.3.5, 64-bit	Q	Q	Q	Q	C	-
<b>IOS</b> iOS 8.4.2 64-bit iOS 7.1.2 64-bit & 32-bit iOS 7.1 and 6.x 64-bit and 32-bit	C	C	Q	C	C	-
<b>Windows Phone</b> 8.1	Q	-	-	-	-	C

## Platform Support for Device Onboarding

Table 6: Device Onboarding Features – lists Device onboarding features that are qualified with this release.

Operating System/Feature	VPN	Certificate	WiFi	Secure Email
<ul style="list-style-type: none"> <li>iOS 10.x and 11.0, 64-bit</li> </ul>	Q	Q	Q	Q
<ul style="list-style-type: none"> <li>IOS 9.x</li> <li>iOS 8.3 64-bit</li> <li>iOS 7.1.2 64-bit &amp; 32-bit</li> <li>iOS 7.1 and 6.x 64-bit and 32-bit</li> </ul>	C	C	C	C
<ul style="list-style-type: none"> <li>Android 6.0.1 and 5.1.1</li> </ul>	Q	Q	Q	-
<ul style="list-style-type: none"> <li>Android 4.4.4, 4.4.3, 4.4.2 and 4.3</li> </ul>	C	C	C	-
<ul style="list-style-type: none"> <li>Windows 10</li> <li>Windows 8.1</li> <li>Windows 7</li> </ul>	-	Q	Q	-
<ul style="list-style-type: none"> <li>Mac OS X 10.12, Safari 9.0 &amp; Safari 10.0</li> <li>Mac OS X 10.10.5, Safari 8.0.8</li> <li>Mac OS X 10.9.5 Safari 7.0.x</li> </ul>	-	Q	Q	-
<ul style="list-style-type: none"> <li>Mac OS X 10.8.5, Safari 7.0.x and 6.0.x</li> </ul>	-	C	C	-

## MDM Solutions

Table 7: MDM Vendors - Lists the requirements for integration with mobile device management (MDM) vendors.

Solution	Qualified	Compatible
<b>AirWatch</b>		
Cloud service	✓ 8.4.7.0	
Appliance OS		✓
Virtual appliance OS	✓	
<b>MobileIron</b>		
Cloud service	✓ Core 9.1.1.0 Build 29	
Appliance OS		✓
Virtual appliance OS	✓	
<b>Pulse Workspace</b>		
Cloud service	✓ 1.8.0-1628	

## Platform Support for AAA

Table 8: Third-Party AAA Servers - Lists supported third-party AAA servers.

Third-Party AAA Server	Qualified	Compatible
Active Directory*	<ul style="list-style-type: none"> <li>Windows Server 2016</li> <li>Windows Server 2012 R2**</li> </ul>	Windows Server 2008 R2 Windows Server 2003
LDAP using Microsoft Active Directory	<ul style="list-style-type: none"> <li>Windows Server 2016</li> <li>Windows Server 2012 R2</li> </ul>	Windows Server 2008 R2 Windows Server 2003
LDAP using Novell eDirectory		Novell Client for Windows 2000/XP Version 4.91 SP2
LDAP using Sun ONE iPlanet Server		Sun ONE Directory Server 5.2
LDAP (other standards-compliant servers)	<ul style="list-style-type: none"> <li>OpenLDAP 2.3.27</li> </ul>	✓ Authentication and authorization based on user attributes or group membership.
RADIUS	<ul style="list-style-type: none"> <li>Steel-Belted RADIUS (SBR) 6.1</li> <li>Defender 5.2</li> <li>RSA Authentication Manager 8.3</li> </ul>	Azure MFA Radius Windows IAS 2008
RADIUS IPv6 Support	<ul style="list-style-type: none"> <li>Steel-Belted RADIUS (SBR) 6.1</li> </ul>	<ul style="list-style-type: none"> <li>Windows NPS 2012 R2</li> <li>Free-RADIUS 2.1</li> </ul>

Third-Party AAA Server	Qualified	Compatible
RADIUS (other standards-compliant servers)		✓
ACE	<ul style="list-style-type: none"> <li>• RSA Authentication Manager 8.3</li> <li>• RSA Authentication Manager 8.2</li> </ul>	<ul style="list-style-type: none"> <li>• RSA Authentication Manager 8.1</li> <li>• RSA Authentication Manager 8.0 SP4</li> </ul>
Siteminder	<ul style="list-style-type: none"> <li>• CA Siteminder 12.7</li> <li>• CA Siteminder 12.52 SP1</li> <li>• CA Siteminder 12.0 SP3</li> </ul>	<ul style="list-style-type: none"> <li>• CA Siteminder 5.5</li> <li>• CA Siteminder 6.0 SP4</li> </ul>
Certificate	<ul style="list-style-type: none"> <li>• Windows 2008 R2</li> <li>• Windows 2012 R2</li> </ul>	RSA Keon Certificate Manager 6.5.1
Certificate (other standards-compliant servers)		✓
SAML*** 2.0, 1.1	<ul style="list-style-type: none"> <li>• PingFederate 6.4.1.1</li> </ul>	<ul style="list-style-type: none"> <li>• Azure AD</li> <li>• Microsoft ADFS 2.0 (Server 2008 R2)</li> <li>• Oracle Identity Federation 11.1.1.2.0</li> </ul>
SAML 2.0, 1.1 (other standards-compliant servers)		✓

\*Additional requirements and limitations apply. See Active Directory section in the [PCS Administration Guide](#).  
 \*\* Applicable only for New AD mode Auth server.  
 \*\*\*For information on the SAML SSO profiles, bindings, and protocols that we support, see Supported SAML SSO Profiles section in the [PCS Administration Guide](#).

## Third-Party Applications

Table 9: Third-Party Applications - Lists supported third-party applications

Application	Support Summary	Qualified	Compatible
<b>Outlook Web Access (OWA)</b>			
OWA 2016	Web Profiles (Rewriter, Passthrough Proxy)	✓	
OWA 2013 SP1	Web Profiles (Rewriter, Passthrough Proxy)	✓	
OWA 2010 SP2	Web Profiles (Rewriter, Passthrough Proxy)		✓
OWA 2010 SP1	Web Profiles (Rewriter, Passthrough Proxy)		✓
OWA 2007	Web Profiles (Rewriter, Passthrough Proxy)		✓
<b>SharePoint</b>			
SharePoint 2016	Web Profiles (Rewriter, Passthrough Proxy)	✓	
SharePoint 2013 SP1	Web Profiles (Rewriter, Passthrough Proxy)	✓	
SharePoint 2010	Web Profiles (Rewriter, Passthrough Proxy)		✓



Application	Support Summary	Qualified	Compatible
SharePoint 2007	Web Profiles (Rewriter, Passthrough Proxy)		✓
<b>IBM Domino</b>			
Lotus iNotes 9.0	Web Profiles (Rewriter, Passthrough Proxy)	✓	
Lotus iNotes 8.5.3	Web Profiles (Rewriter, Passthrough Proxy)		✓
Lotus Connect 3.0, 2.5	Rewriter		✓
<b>Citrix</b>			
Citrix XenApp and XenDesktop 7.14 and 7.15	Citrix Terminal Services	✓	
Citrix XenApp and XenDesktop 7.11	Citrix Terminal Services		✓
Citrix StoreFront 3.11 and 3.12	HTML5 Access, CTS and WSAM	✓	
Citrix StoreFront 3.8	HTML5 Access, CTS and WSAM		✓
Citrix StoreFront with HTML5 Access	Custom Web Profile		✓
Citrix Listed Applications with Server 6.5 SP1, 6.0, 7.6, 7.8	Citrix Terminal Services		✓
Citrix Receiver 4.9, 4.10 and 4.11	Web, Terminal Services and SAM Profiles	✓	
Citrix Receiver 4.3.100	Web, Terminal Services and SAM profiles.		✓
Citrix XenDesktop 7.14 and 7.15	VDI Profiles	✓	
XenDesktop 7.11, 7.8	VDI Profiles		✓
XenDesktop 7.8, 7.0, 5.6, 5.0	VDI Profiles		✓
Citrix Web Interface 5.4	Web Profiles (Rewriter, JSAM, and WSAM)	✓	
<b>VMWare</b>			
VMWare Horizon View HTML Access, version 7.5, 7.4	Rewriter	✓	
VMWare Horizon Agent version 7.5, 7.4	VDI Profiles	✓	
VMWare Horizon View Server version 7.5, 7.4	VDI Profiles	✓	
VMWare Horizon View Server version 7.1, 7.0, 6.2, 6.1, 6.0, 5.3, 5.2	VDI Profiles		✓
VMWare Horizon View Client version 4.3.0, 4.1.0, 3.5.2	VDI Profiles	✓	
VMWare View Server version 4.6, 5.0, 5.1, 2.3.x	VDI Profiles		✓
VMWare View Client version 4.6, 5.0, 5.1, 5.2			✓
<b>Exchange ActiveSync</b>			

Application	Support Summary	Qualified	Compatible
Office 365	Secure Mail Resource Profile	✓	
Exchange 2016	Secure Mail Resource Profile	✓	
Exchange 2013	Secure Mail Resource Profile	✓	
Exchange 2010 SP1	Secure Mail Resource Profile		✓
Exchange 2007	Secure Mail Resource Profile		✓
<b>ESAP Package</b>			
ESAP 3.0.3	Host Checker	✓	
<b>Virtual SA</b>			
ESXi 5.5, 5.5 U3	VA-DTE, VA-SPE/PSA-V		✓
ESXi 6.0	VA-DTE & VA-SPE/PSA-V/PSA-V		✓
ESXi 6.5		✓	
<b>KVM</b>			
CentOS 6.6 with Kernel cst-kvm 2.6.32-504.el6.x86_64	VA-DTE & VA-SPE/PSA-V/PSA-V	✓	
<b>Hyper-V</b>			
Microsoft Hyper-V Server 2012 R2		✓	

# Change History

Table 10: Lists changes to this document from the previous release.

Section	Add/Update	Drop or Moved	Effective Release	Notes
Windows Supported Platforms	Added Windows 10 Redstone 5		9.0R3	Added Windows 10 Redstone 5 qualified
Mac OS Supported Platforms	Added Mac OS Mojave 10.14		9.0R3	Added Mac OS Mojave 10.14 qualified
PSAL Support	Added PSAL support on Mac OS		9.0R3	Added PSAL support on Mac OS Mojave 10.14 and Mac OS High Sierra 10.13
Third-Party Applications	Added VMWare Horizon Agent		9.0R3	Added VMWare Horizon Agent for VDI Profiles version 7.5 and 7.4
Third-Party Applications		Removed Citrix Web Interface 4.5	9.0R3	Removed Citrix Web Interface 4.5
Third-Party Applications		Removed Citrix Program Neighborhood Agent with Citrix Server 6.0	9.0R3	Removed Citrix Program Neighborhood Agent with Citrix Server 6.0
Third-Party Applications	Updated Citrix StoreFront 3.11 and 3.12		9.0R3	Consolidated Citrix StoreFront 3.12 Citrix Storefront 3.11
Third-Party Applications	Updated Custom Web Profile		9.0R3	Changed from Rewriter
Third-Party Applications	Updated Citrix XenApp and XenDesktop 7.11		9.0R3	Changed from Citrix Listed Applications with Server XenApp 7.11
Third-Party Applications	Added Citrix XenApp and XenDesktop 7.14 and 7.15		9.0R3	Consolidated Citrix Listed Applications with Server XenApp 7.15 and 7.14
Windows Supported Platform	Windows 10 Redstone-4 compatible		9.0R2	Added Windows 10 Redstone-4 compatible
Third-Party Applications	Added Lotus iNotes 9.0		9.0R2	Added Web Profiles (Rewriter, Passthrough Proxy) support for Lotus iNotes 9.0
Third-Party Applications	Added VMWare Horizon view HTML Access, version 7.5, 7.4		9.0R2	Added rewriter support for VMWare Horizon view HTML Access, version 7.5, 7.4
Third-Party Applications	Added VMWare Horizon view server version 7.5, 7.4		9.0R2	Added VDI profiles support for VMWare Horizon view server version 7.5, 7.4
Platform Support for AAA	Added RSA AM 8.3		9.0R2	Added support for RSA Authentication Manager 8.3

Section	Add/Update	Drop or Moved	Effective Release	Notes
Platform Support for AAA	Removed RSA AM 7.1		9.0R2	Removed support for RSA Authentication Manager 7.1
Third-Party Applications	Added VMWare Horizon view HTML Access, version 7.3.1, 7.2		9.0R1	Added rewriter support for VMWare Horizon view HTML Access, version 7.3.1, 7.2
Third-Party Applications	Citrix Receiver 4.9 and 4.11		9.0R1	Citrix Receiver 4.9 and 4.11 has been qualified in this release
Third-Party Applications	Citrix StoreFront 3.12		9.0R1	Citrix StoreFront 3.12 has been qualified in this release
Third-Party Applications	Citrix XenDesktop 7.14 and 7.15		9.0R1	Citrix XenDesktop 7.14 and 7.15 has been qualified in this release
PSAL Support for JSAM and Premiere Java Applets	Added PSAL support for HOB applets and JSAM		8.3R3	Added PSAL support for HOB applets and JSAM
Mac OS X	Mac OS High Sierra Version 10.13 Beta		8.3R3	Added Mac OS High Sierra Version 10.13 support; Oracle JRE/JDK 8
Windows Supported Platform	Windows 10 RedStone-3 compatible		8.3R3	Added Windows 10 RedStone-3 compatible
Third-Party Applications	ESXi 6.5 ESXi 6.0, 5.5		8.3R3	ESXi 6.5 has been qualified for this release ESXi 6.0, 5.5 are compatible with this release
Premiere HOB JWT	4.1		8.3R3	Added PSAL support for HOB applets and JSAM
Mac OSX	Latest Safari versions		8.3R3	Added Safari 11.0, 10.1, Safari 9.1.3, Safari 6.2.8
Firefox ESR 52	ESR 52		8.3R3	Qualified Firefox ESR 52 support
VMWare Horizon view server	7.1 qualified		8.3R3	Added VDI Profiles for supporting 7.1
Windows Supported Platform	Redstone 2 qualified		8.3r2	Added Redstone 2 as qualified platform
Windows Supported Platform		Dropped references to Vista	8.3r1	Dropped references to Vista
Linux Supported Platform	References to Fedora 23			Added Fedora 23 references for Host Checker, Network Connect, and Pulse Secure Linux
MDM Solutions	Air Watch: Cloud service 8.4.7.0		8.3r1	Added Air Watch: Cloud service 8.4.7.0 support
MDM Solutions	MobileIron Cloud service: Core 9.1.1.0 Build 29		8.3r1	Added MobileIron Cloud service: Core 9.1.1.0 Build 29 support
Mac OSX Supported Platforms	Mac OS X 10.12		8.3r1	Added Mac OS X 10.12 support
Pulse Secure Mobile Client	iOS 8.4.2 64-bit iOS 7.1.2 64-bit & 32-bit iOS 7.1 and 6.x 64-bit and 32-bit		8.3r1	Added iOS 8.4.2 64-bit iOS 7.1.2 64-bit & 32-bit iOS 7.1 and 6.x 64-bit and 32-bit support

Section	Add/Update	Drop or Moved	Effective Release	Notes
Pulse Secure Mobile Client	iOS 10.2.1, 9.3.5, 64-bit		8.3r1	Added iOS 10.2.1, 9.3.5, 64-bit support
Pulse Secure Mobile Client	Android 5.1.1, 4.4.4, 4.4.3, 4.4.2		8.3r1	Added 5.1.1, 4.4.4, 4.4.3, 4.4.2
Pulse Secure Mobile Client	Android 7.0		8.3r1	Added Android 7.0 support
Linux Supported Platforms	CentOS 7.0		8.3r1	Added CentOS 7.0 support
Windows Supported Platforms	Windows 10 RedStone-2 Enterprise/Pro/Home		8.3r1	Added Windows 10 RedStone-2 Enterprise/Pro/Home support
Third-Party Applications	Citrix		8.3r1	Added support for <ul style="list-style-type: none"> <li>• Citrix Listed Applications With Server XenApp 7.11</li> <li>• Citrix Listed Applications With Server XenApp 7.8</li> <li>• Citrix StoreFront 3.6 (HTML5 Access, CTS and WSAM)</li> <li>• Citrix StoreFront 3.5 (HTML5 Access, CTS and WSAM)</li> <li>• XenDesktop 7.11, 7.8</li> <li>• XenDesktop 7.0, 5.6, 5.0</li> </ul>
Third-Party Applications	ESAP		8.3r1	Added Qualified ESAP versions for 8.3.
Platform Support for AAA		RSA AM 6.1 support	8.3r1	Removed RSA AM 6.1 for RADIUS and Moved CA Siteminder 6.0 SP4 to compatible
Platform Support for AAA		CA Siteminder 6.0 SP4	8.3r1	Moved CA Siteminder 6.0 SP4 to compatible.
Platform Support for AAA	RSA AM 8.2		8.3r1	Added support for RSA Authentication Manager 8.2
Platform Support for AAA	Windows Server 2016		8.3r1	Added Support for Windows Server 2016 under Active Directory & LDAP.
Windows Supported Platform		References to note on Windows 10 RedStone support	8.2r6	Removed references to note on no support on Windows 10 RedStone for WSAM, Legacy WSAM and Windows Terminal Services SSO
Linux Supported Platform		Pulse Linux Client Supported Platform	8.2r6	Removed references to Note about Pulse Linux Client Supported Platform.
Pulse Secure Mobile Client	<ul style="list-style-type: none"> <li>• IPv6 Support</li> </ul>		8.2r5	Added support for IOS (Host Checker, VPN) 10.0 Beta4, 9.3.9.3.2,9.2.1,8.3,8.1 Added support for IOS (Active Sync) 9.3.3,9.3.4,9.3.1,9.2,9.1,9.0,8.2,8.1,8.0
Windows Supported Platforms	<ul style="list-style-type: none"> <li>• Windows 10 RedStone Enterprise/Pro/Home</li> </ul>		8.2r5	Added Support for Windows 10 RedStone Enterprise/Pro/Home

Section	Add/Update	Drop or Moved	Effective Release	Notes
MDM Solutions	<ul style="list-style-type: none"> <li>Pulse Workspace</li> </ul>		8.2r5	Added Cloud Service
Linux Supported Platforms	<ul style="list-style-type: none"> <li>Ubuntu 14.04 (64-bit)</li> <li>CentOS 6.4 (32-bit/64-bit)</li> <li>Fedora 23</li> <li>RHEL 7</li> <li>Ubuntu 15.04 &amp; Ubuntu 16.04</li> </ul>		8.2r4	Added support for Ubuntu 15.04 & Ubuntu 16.04; Ubuntu 14.04 (64-bit); CentOS 6.4 (32-bit/64-bit); Fedora 23; RHEL 7
Third-Party Applications	Citrix StoreFront 3.5		8.2r3	(8.2r3) Added Support for Citrix StoreFront 3.5.
Third-Party Applications	Hyper-V		8.2r3	Added Support for Hyper- V platforms details for Virtual SA
Windows Supported Platform & Linux Supported Platform	Firefox 52 ESR, 32-bit		8.2r3	Added Compatible support for Firefox 52 ESR, 32-bit
Third-Party Applications	VMWare View Client 3.5.2 & 2.3.3		8.2r3	Added Support for VMware 3.5.2 & 2.3.3 (8.2r3)
Third-Party Applications	SharePoint 2013 SP1		8.2r3	Added Support for SharePoint 2013 SP1
Third-Party Applications	OWA 2016		8.2r3	Added support for OWA 2016
Platform Support for AAA	Site minder 12.52 Sp1		8.2r3	Added Support for Site minder 12.52 SP1.
Windows Supported Platform	Edge		8.2r3	Added Edge Browser Support.
Third-Party Applications	ESX & KVM details for VA		8.2r3	Added section for VA Support for ESX versions & KVM
Third-Party Applications	ESAP		8.2r1	Added Qualified ESAP versions for 8.2.
Third-Party Applications	VMWare 6.0.1, 6.1 and 6.2		8.2r1	Added Support for VMWare Horizon view server version supported are 6.0.1, 6.1 and 6.2
Client Environment	Pulse Application Launcher Support		8.2r1	Feature Added in 8.2r1 onwards
Pulse Secure Mobile Client Platform Support for Device Onboarding	IOS 9.1,8.3		8.2r1	Added support for IOS 9.1 & 8.3
Windows Supported Platform	Windows 10		8.2r1	Added support for Windows 10
Mac OSX Supported Platforms	Mac 10.11	10.7	8.2r1	Added Support for Mac OSX 10.11 Removed Old 10.7 Version
Platform Support for AAA	Windows 2012 R2		8.2r1	Added Support for Windows 2012 R2 under Active Directory & LDAP.

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Third-Party Applications	XenApp 7.6 & StoreFront 2.6 & 3.0		8.2R1	Added Support for Citrix XenApp 7.6 & StoreFront 2.6 & 3.0
Mobile		Blackberry & Symbian	8.2R1	Remove entries for Blackberry & Symbian under Mobile Section.
Third-Party Applications		WRQ App	8.2R1	Remove WRQ Application from Third-Party Application list.
Hardware		SA2500 SA4500 SA6500 SAX500 FIPS	8.2R1	SAX500 Platforms are not supported to run 8.2R1.
Hardware	PSA300 PSA3000 PSA5000 PSA7000c PSA7000f		8.1r4.1	8.1R4.1 supports the following new Next-Generation hardware platforms: <ul style="list-style-type: none"> <li>• PSA300</li> <li>• PSA3000</li> <li>• PSA5000</li> <li>• PSA7000c</li> <li>• PSA7000f</li> </ul>
Cross Platform Support/Compatibility Platforms	IOS		8.1R4	Updated IOS version 8.1 and 8.0.
Cross Platform Support/Compatibility Platforms	MDM		8.1R4	Updated MDM server version.
Cross Platform Support/Compatibility Platforms	JRE		8.1R1	Included support for JRE 7 & 6.
Server Support	OWA		8.1R1	OWA 2013SP1 and SP2 are included in support.
Server Support	Citrix Apps		8.1R1	Citrix listed Apps support for 6.5SP1 is added and 6.x support is moved to compatible and 5.x support is removed since it's an older version.
Server Support	XenDesktop		8.1R1	XenDesktop 7.0 and 5.6 support is included, 5.0 is moved to compatible and 4.0 support is removed since it is an older version.
Server Support	VMware		8.1R1	Support for VMware 3.0 and 4.5 is removed from SPD as it is an older version.
Server Support	Windows Server 2003		8.1R1	Windows 2003 platforms are moved to compatible section.
Server Support	RSA Auth Manager		8.1R1	RSA Authentication Manager 5.x and 6.x support is moved to compatible.
Server Support	Windows IAS		8.1R1	Windows IAS support is moved to compatible.
Server Support	CA Siteminder		8.1R1	Siteminder 5.x support is moved to compatible.
Server Support	SAML		8.1R1	ADFS and OIF support is moved to compatible.

Section	Add/Update	Drop or Moved	Effective Release	Notes
Browser Support	Mac OS 10.x		8.1R1	Added Safari version 8.0.
Cross Platform Support/Compatibility Platforms	Android		8.1R1	Updated Android version 5.0.