



Pulse Connect Secure Supported Platforms Guide

PCS 9.1R5

Build 5459

For more information, go to www.pulsesecure.net/products

| | |
|------------------|--------------------------|
| Product Release | 9.1R5, Build 5459 |
| Published | April 2020 |
| Document Version | 1.0 |

Pulse Secure, LLC

2700 Zanker Road, Suite 200

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

© 2020 by Pulse Secure, LLC. All rights reserved

Pulse Secure and the Pulse Secure logo are trademarks of Pulse Secure, LLC in the United States. All other trademarks, service marks, registered trademarks, or registered service marks are the property of their respective owners.

Pulse Secure, LLC assumes no responsibility for any inaccuracies in this document. Pulse Secure, LLC reserves the right to change, modify, transfer, or otherwise revise this publication without notice.

The information in this document is current as of the date on the title page.

END USER LICENSE AGREEMENT

The Pulse Secure product that is the subject of this technical documentation consists of (or is intended for use with) Pulse Secure software. Use of such software is subject to the terms and conditions of the End User License Agreement (“EULA”) posted at <https://support.pulsesecure.net/product-service-policies/eula/> By downloading, installing or using such software, you agree to the terms and conditions of that EULA.

Revision History

Table 1 lists the revision history for this document.

| Date | Revision | Description |
|--------------|---------------------|---------------------|
| April 2020 | 9.1R5, Doc ver. 1.0 | Initial Publication |
| January 2020 | 9.1R4, Doc ver. 1.1 | EOL of NC and WSAM |
| January 2020 | 9.1R4, Doc ver. 1.0 | Initial Publication |
| October 2019 | 9.1R3, Doc ver. 1.0 | Initial Publication |
| July 2019 | 9.1R2, Doc ver. 1.0 | Initial Publication |

Contents

| | |
|---|----|
| Revision History | 3 |
| Introduction | 5 |
| Hardware..... | 6 |
| Client Environment Contents | 7 |
| Windows Supported Platforms | 8 |
| Mac OS Supported Platforms..... | 10 |
| Linux Supported Platforms | 10 |
| Pulse Secure Installer Service..... | 12 |
| Cross-Platform Features..... | 12 |
| Pulse Secure Application Launcher (PSAL) Support..... | 12 |
| Pulse Desktop Client..... | 13 |
| Pulse Secure Collaboration Client Recommendations | 13 |
| Pulse Secure Mobile Client..... | 13 |
| Platform Support for Device Onboarding | 14 |
| MDM Solutions..... | 14 |
| Platform Support for AAA..... | 15 |
| Third-Party Applications..... | 16 |
| Change History..... | 18 |

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 9.1 software on the following platforms.

- PSA300
- PSA3000
- PSA5000
- PSA7000f
- PSA7000c
- Virtual Appliances (PSA-V) on ESXi, KVM, Hyper-V, Microsoft Azure, Amazon AWS, OpenStack Fabric and Alibaba Cloud.

Client Environment Contents

- [Windows Supported Platforms](#)
- [Mac OS Supported Platforms](#)
- [Linux Supported Platforms](#)
- [Pulse Secure Installer Service](#)
- [Cross-Platform Features](#)
- [Pulse Secure Application Launcher \(PSAL\) Support](#)
- [Pulse Desktop Client](#)
- [Pulse Secure Collaboration Client Recommendations](#)
- [Pulse Secure Mobile Client](#)
- [Platform Support for Device Onboarding](#)
- [MDM Solutions](#)
- [Platform Support for AAA](#)
- [Third-Party Applications](#)

You can install and use Release 9.1 software on the following platforms.

Windows Supported Platforms

Table 2 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 |
|--|----------|------|-------------------------|--------------|-----------------|-----------------------------------|--------------------------------|------------------------------------|-------------------|
| Windows-10 Redstone 6 OS Build 1909 Version 10.0.18363.476, 64-bit Internet Explorer 11, Edge, Google Chrome 80, Firefox ESR 68, Oracle JRE 8, 9 and 10 update 144 | Q | Q | Q | Q | - | Q ^② | Q | - | Q |
| Windows-10 Redstone 6 OS Build 1903 Version 10.0.18362.338, 64-bit Internet Explorer 11, Edge, Google Chrome 61, Firefox ESR 60, Oracle JRE 8, 9 and 10 update 144 | Q | Q | Q | C | - | Q ^② | Q | - | Q |
| Windows-10 Redstone 5 OS Build 1809 Version 10.0.17763.134, 64-bit Internet Explorer 11, Edge, Google Chrome 61, Firefox ESR 60, Oracle JRE 8, 9 and 10 update 144 | C | C | C | C | - | C ^② | C | - | C |
| Windows-10 Redstone 4 OS Build 1803 Version 10.0.17134, 64-bit Internet Explorer 11, Edge, Google Chrome 61, Firefox 52 ESR, Oracle JRE 8 update 144 | C | C | C | C | - | C | C | - | C |
| Windows-10 Redstone 3 OS Build 1709, Version 10.0.16299.15, 64-bit Internet Explorer 11, Edge, Google Chrome 61, Firefox 52 ESR, Oracle JRE 8 update 144 | 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 10 RedStone-2 Enterprise/Pro/Home, Build 1703 Version 10.0.15063.332, 64-bit | C | C | C | C | - | C | C | - | C |
| Internet Explorer 11, Edge, Google Chrome 58, Firefox 52 ESR, Oracle JRE 8 update 131 | | | | | | | | | |
| Windows 10 Enterprise/Pro/Home | C | C | C | C | - | C | C | - | C |
| Internet Explorer 11, Edge, Google Chrome, Firefox 52 ESR, Oracle JRE 8 | | | | | | | | | |
| Windows 8.1 Update/ Professional / Enterprise, 64-bit | Q | Q | Q | Q | - | Q ^② | Q | - | Q |
| Internet Explorer 11, Google Chrome 80, Firefox 68 ESR, Oracle JRE 8 | | | | | | | | | |
| Windows 8.1 Update/ Professional / Enterprise, 32-bit | C | C | C | C | - | C ^② | C | - | C |
| Internet Explorer 11, Google Chrome, Firefox 38 ESR, Oracle JRE 8 | | | | | | | | | |
| Windows 8 Basic edition / Professional/ Enterprise, 32-bit & 64-bit | C | C | C | C | - | C ^② | C | - | C |
| Internet Explorer 10, Google Chrome and Firefox 31 & later, Oracle JRE 7 and later | | | | | | | | | |

Note: From 9.1R2 release onwards, Network Connect (NC) client and legacy Windows Secure Application Manager (WSAM) client are not supported.

Mac OS Supported Platforms

Table 3 lists supported Mac OS platforms vs PCS features:

| Mac OS 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 Catalina Version 10.15.3 64-bit Safari 12.0 Chrome 73, Oracle JRE, JDK 8, 9 and 10 | C | C | C | Q | - | C | - | - | - |
| Mac OS Mojave Version 10.14.5 64-bit Safari 12.0 Chrome 73, Oracle JRE, JDK 8, 9 and 10 | Q | Q | Q | Q | - | Q | - | - | - |
| Mac OS High Sierra Version 10.13 Safari 11.0 Chrome 73, Oracle JRE, JDK 8, 9 and 10 | Q | Q | Q | C | - | Q | - | - | - |
| Mac OS High Sierra Version 10.12 Safari 10.1 Chrome 73 Safari 9.0 Oracle JRE 8 | C | Q | Q | C | - | 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 | - | - | - | - | - |

 **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 4 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 |
|--|----------|------|-------------------------|--------------|-----------------|-----------------------------------|--------------------------------|------------------------------------|-------------------|
| openSUSE 12.1 Firefox 38 ESR Firefox 52 ESR, 32-bit | C | - | Q 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 |
|---|-------------------------|------|-------------------------|--------------|-----------------|-----------------------------------|--------------------------------|------------------------------------|-------------------|
| openSUSE 11.x, 10.x | Oracle JRE 8 | C | - | C | C | - | - | - | - |
| Ubuntu 16.04 LTS | Firefox 52, ESR, 64-bit | - | - | - | C | - | - | - | - |
| Ubuntu 15.04 | Firefox 52, ESR, 64-bit | - | - | - | C | - | - | - | - |
| Ubuntu 14.04 LTS | Firefox 52, ESR, 64-bit | C | - | Q | Q | - | - | - | - |
| Ubuntu 12.04 LTS, 11.x, 10.x, 9.10 | Oracle JRE 7 and later | C | - | C | C | - | - | - | - |
| RHEL 5 | Firefox 52 ESR, 32-bit | C | - | C | C | - | - | - | - |
| RHEL 7 | Firefox 52 ESR, 64-bit | - | - | - | C | - | - | - | - |
| Fedora 23 (32 bit) | Firefox 52 ESR 32-bit | - | - | - | C | - | - | - | - |
| Fedora 23 (64 bit) | Firefox 52 ESR 64-bit | - | - | - | 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 |
|----------------|---------------------------|------|-------------------------|--------------|-----------------|-----------------------------------|--------------------------------|------------------------------------|-------------------|
| CentOS 6.4 | Firefox 52, 32-bit/64-bit | - | - | C | - | - | - | - | - |
| | | | | C | | | | | - |
| CentOS 7.0 | Firefox 52, 64-bit | - | - | - | - | - | - | - | - |

Pulse Secure Installer Service

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

- 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

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 and Chrome 61 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
- 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 5 lists the recommended minimum platform requirements for Pulse Secure collaboration client.

| Component | Requirements |
|--------------------|---|
| CPU | 1 GHz or more for Windows Client. 1 GHz G4 or Intel processor for a Mac. |
| Memory | 256 MB of available RAM or more. |
| Color Quality | For best results, use 16 bits. 8 bits, 16 bits, 24 bits, and 32 bits are also supported. |
| Monitor Resolution | 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 6 lists supported mobile platforms for the Pulse Secure Mobile Client.

| Mobile Platforms | Active Sync | Host Checker | HTML5 RDP | VPN | Pulse Collaboration | Rewriter |
|---|-------------|--------------|-----------|-----|---------------------|----------|
| Android Android 7.0 and 6.0 | Q | Q | Q | Q | - | - |
| Android 5.1.1, 4.4.4, 4.4.3, 4.4.2 and 4.3 | C | C | C | C | - | - |
| IOS iOS 10.2.1, 9.3.5, 64-bit | Q | Q | Q | Q | C | - |
| IOS 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 | - |
| Windows Phone 8.1 | Q | - | - | - | - | C |

Platform Support for Device Onboarding

Table 7: 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"> iOS 10.x and 11.0, 64-bit | Q | Q | Q | Q |
| <ul style="list-style-type: none"> iOS 9.x iOS 8.3 64-bit iOS 7.1.2 64-bit & 32-bit iOS 7.1 and 6.x 64-bit and 32-bit | C | C | C | C |
| <ul style="list-style-type: none"> Android 6.0.1 and 5.1.1 | Q | Q | Q | - |
| <ul style="list-style-type: none"> Android 4.4.4, 4.4.3, 4.4.2 and 4.3 | C | C | C | - |
| <ul style="list-style-type: none"> Windows 10 Windows 8.1 Windows 7 | - | Q | Q | - |
| <ul style="list-style-type: none"> Mac OS X 10.12, Safari 9.0 & Safari 10.0 Mac OS X 10.10.5, Safari 8.0.8 Mac OS X 10.9.5 Safari 7.0.x | - | Q | Q | - |
| <ul style="list-style-type: none"> Mac OS X 10.8.5, Safari 7.0.x and 6.0.x | - | C | C | - |

MDM Solutions

Table 8: MDM Vendors - Lists the requirements for integration with mobile device management (MDM) vendors.

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

Platform Support for AAA

Table 9: Third-Party AAA Servers - Lists supported third-party AAA servers.

| Third-Party AAA Server | Qualified | Compatible |
|---|---|--|
| Active Directory* | <ul style="list-style-type: none"> Windows Server 2019 Windows Server 2016 Windows Server 2012 R2** | Windows Server 2008 R2 Windows Server 2003 |
| LDAP using Microsoft Active Directory | <ul style="list-style-type: none"> Windows Server 2019 Windows Server 2016 Windows Server 2012 R2 | 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"> OpenLDAP 2.3.27 | ✓ Authentication and authorization based on user attributes or group membership. |
| RADIUS | <ul style="list-style-type: none"> 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 IPv6 Support | <ul style="list-style-type: none"> Steel-Belted RADIUS (SBR) 6.1 | <ul style="list-style-type: none"> Windows NPS 2012 R2 Free-RADIUS 2.1 |
| RADIUS (other standards-compliant servers) | | ✓ |
| ACE | <ul style="list-style-type: none"> RSA Authentication Manager 8.4.0.3.0 | <ul style="list-style-type: none"> RSA Authentication Manager 8.3 RSA Authentication Manager 8.2 RSA Authentication Manager 8.1 RSA Authentication Manager 8.0 SP4 |
| Siteminder | <ul style="list-style-type: none"> CA Siteminder 12.7 CA Siteminder 12.52 SP1 CA Siteminder 12.0 SP3 | <ul style="list-style-type: none"> CA Siteminder 5.5 CA Siteminder 6.0 SP4 |
| Certificate | <ul style="list-style-type: none"> Windows 2008 R2 Windows 2012 R2 | RSA Keon Certificate Manager 6.5.1 |
| Certificate (other standards-compliant servers) | | ✓ |
| SAML*** 2.0, 1.1 | <ul style="list-style-type: none"> PingFederate 6.4.1.1 | <ul style="list-style-type: none"> Azure AD Microsoft ADFS 2.0 (Server 2008 R2) Oracle Identity Federation 11.1.1.2.0 |
| 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 10: Third-Party Applications - Lists supported third-party applications

| Application | Support Summary | Qualified | Compatible |
|---|--|-----------|------------|
| Outlook Web Access (OWA) | | | |
| OWA 2016 | Web Profiles (Rewriter, Passthrough Proxy) | ✓ | |
| OWA 2013 SP1 | Web Profiles (Rewriter, Passthrough Proxy) | ✓ | |
| OWA 2010 SP2, SP1 | Web Profiles (Rewriter, Passthrough Proxy) | | ✓ |
| OWA 2007 | Web Profiles (Rewriter, Passthrough Proxy) | | ✓ |
| SharePoint | | | |
| SharePoint 2019 (Classic UI only) | Web Profiles (Rewriter, Passthrough Proxy) | ✓ | |
| SharePoint 2016 | Web Profiles (Rewriter, Passthrough Proxy) | | ✓ |
| SharePoint 2013 SP1 | Web Profiles (Rewriter, Passthrough Proxy) | | ✓ |
| SharePoint 2010, 2007 | Web Profiles (Rewriter, Passthrough Proxy) | | ✓ |
| IBM Domino | | | |
| 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 | | ✓ |
| Citrix | | | |
| Citrix Virtual Apps and Desktops 7 1909 | HTML5 Access and CTS | ✓ | |
| Citrix StoreFront 3.16 | HTML5 Access and CTS | | ✓ |
| Citrix StoreFront 3.12, 3.11 and 3.8 | HTML5 Access and CTS | | ✓ |
| 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 XenApp and XenDesktop 7.18 | Citrix Terminal Services | ✓ | |
| Citrix XenApp and XenDesktop 7.15, 7.14, 7.11 | Citrix Terminal Services | | ✓ |
| Citrix XenDesktop 7.14 and 7.15 | VDI Profiles | ✓ | |
| XenDesktop 7.11, 7.8 | VDI Profiles | | ✓ |

| Application | Support Summary | Qualified | Compatible |
|--|----------------------------------|-----------|------------|
| XenDesktop 7.8, 7.0, 5.6, 5.0 | VDI Profiles | | ✓ |
| Citrix Web Interface 5.4 | Web Profiles (Rewriter and JSAM) | ✓ | |
| VMWare | | | |
| VMWare Horizon View HTML Access, version 7.9, 7.10 | Rewriter | ✓ | |
| VMWare Horizon View HTML Access, version 7.7, 7.6, 7.5, 7.4 | Rewriter | | ✓ |
| VMWare Horizon Agent version 7.9, 7.10 | VDI Profiles | ✓ | |
| VMWare Horizon Agent version 7.7, 7.6, 7.5, 7.4 | VDI Profiles | | ✓ |
| VMWare Horizon View Server version 7.9, 7.10 | VDI Profiles | ✓ | |
| VMWare Horizon View Server version 7.7, 7.6, 7.5, 7.4, 7.1, 7.0, 6.2, 6.1, 6.0, 5.3, 5.2 | VDI Profiles | | ✓ |
| VMWare Horizon View Client version 4.10.0, to 4.1.0 | 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 | | | ✓ |
| Exchange ActiveSync | | | |
| Office 365 | Secure Mail Resource Profile | ✓ | |
| Exchange 2016 | Secure Mail Resource Profile | ✓ | |
| Exchange 2013, 2010 SP1, and 2007 | Secure Mail Resource Profile | | ✓ |
| ESAP Package | | | |
| ESAP 3.4.8 (default version) | Host Checker | ✓ | |
| ESAP 3.3.5 (minimum version) | Host Checker | ✓ | |
| Virtual SA | | | |
| ESXi 6.7 Update 2c | PSA-V | ✓ | |
| ESXi 6.5 | PSA-V | | ✓ |
| ESXi 6.0 | PSA-V | | ✓ |
| ESXi 5.5, 5.5 U3 | PSA-V | | ✓ |
| KVM | | | |
| CentOS 6.6 with Kernel cst-kvm 2.6.32-504.el6.x86_64 | PSA-V | ✓ | |
| Hyper-V | | | |

| Application | Support Summary | Qualified | Compatible |
|--|-----------------|-----------|------------|
| Microsoft Hyper-V Server 2016 and 2019 | | ✓ | |
| Microsoft Hyper-V Server 2012 R2 | | | ✓ |

Change History

Table 11: Lists changes to this document from the previous release.

| Section | Add/Update | Drop or Moved | Effective Release | Notes |
|--|--|-------------------------------|-------------------|--|
| Windows Supported Platforms | | Removed support for Windows 7 | 9.1R5 | |
| Windows Supported Platforms | Updated Host Checker feature | | 9.1R5 | |
| MacOS Supported Platforms | Updated Host Checker feature | | 9.1R5 | |
| Third-Party Applications | Updated ESAP Package default version 3.4.8 | | 9.1R5 | |
| Windows Supported Platforms | Updated with Redstone 6 OS Build 1909 | | 9.1R4 | Qualified in this release |
| Third-Party Applications | Updated SharePoint, VMware and Citrix sections | | 9.1R4 | Qualified in this release |
| Third-Party Applications | Added support for ESXi 6.7 Update 2c | | 9.1R3 | Qualified in this release |
| Platform Support for AAA | Added Windows Server 2019 | | 9.1R3 | Qualified in this release |
| Windows Supported Platforms | Added Windows 10 Redstone 6 | | 9.1R2 | Added Windows 10 Redstone 6 compatible |
| Platform Support for AAA | Added RSA AM 8.4.0.3.0 support for RADIUS and ACE servers | | 9.1R2 | Qualified in this release |
| <ul style="list-style-type: none"> Mac OS Supported Platforms Pulse Secure Application Launcher (PSAL) Support | Added Chrome 61 support | | 9.1R1 | Qualified in this release |
| Linux Supported Platforms | Added openSUSE Linux with Host Checker support | | 9.1R1 | |
| Third-Party Applications | Added Citrix Storefront Server 3.16, XenApp Server 7.18, XenDesktop Server | | 9.0R4 | Qualified in this release |
| Third-Party Applications | Added VMWare Horizon View Server 7.6 and 7.7, VMWare Horizon View Client 4.10.0 to 4.1.0 | | 9.0R4 | Qualified in this release |

| Section | Add/Update | Drop or Moved | Effective Release | Notes |
|-----------------------------|---|--|-------------------|---|
| Third-Party Applications | Added Virtual SA ESXi 6.7 | | 9.0R4 | Qualified in this release |
| Third-Party Applications | Hyper-V 2016 and 2019 | | 9.0R4 | Qualified in this release |
| 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 | 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 and 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 |
| Platform Support for AAA | Removed RSA AM 7.1 | | 9.0R2 | Removed support for RSA Authentication Manager 7.1 |

| Section | Add/Update | Drop or Moved | Effective Release | Notes |
|--------------------------|---|---------------|-------------------|--|
| 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 have 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 have been qualified in this release |