



**Pulse Connect Secure Supported Platforms Guide**  
9.1R13

**PCS 9.1R13**

**Build 15339**

**PDC 9.1R13 Build 11723**



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# Contents

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|  |           |
|--|-----------|
| <b>Copyright Notice</b> .....                                  | <b>3</b>  |
| <b>Revision History</b> .....                                  | <b>5</b>  |
| <b>Introduction</b> .....                                      | <b>7</b>  |
| <b>Hardware</b> .....  | <b>8</b>  |
| <b>Windows Supported Platforms</b> .....                       | <b>9</b>  |
| <b>Mac OS Supported Platforms</b> .....                        | <b>13</b> |
| <b>Linux Supported Platforms</b> .....                         | <b>15</b> |
| <b>Hypervisor Supported Platforms</b> .....                    | <b>16</b> |
| <b>Pulse Secure Installer Service</b> .....                    | <b>17</b> |
| <b>Cross-Platform Features</b> .....                           | <b>18</b> |
| <b>Pulse Secure Application Launcher (PSAL) Support</b> .....  | <b>19</b> |
| <b>Pulse Desktop Client</b> .....                              | <b>20</b> |
| <b>Pulse Secure Collaboration Client Recommendations</b> ..... | <b>21</b> |
| <b>Pulse Secure Mobile 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> |
| <b>Change History</b> .....                                    | <b>32</b> |

# Revision History

The following table lists the revision history for this document:

| Date           | Revision              | Description  |
|----------------|-----------------------|--|
| October 2021   | 9.1R13 Doc ver. 1.5   | New Release <ul style="list-style-type: none"> <li>• Windows Supported Platforms &gt; Updated Windows version: marked as Compatible</li> <li>• Mac OS Supported Platforms &gt; Updated Mac OS version: marked as Compatible</li> <li>• MDM Solutions: Added a row to "MobileIron Cloud"</li> </ul> |
| September 2021 | 9.1R12 Doc ver. 1.4   | <ul style="list-style-type: none"> <li>• Hardware: Added a line on "For more information".</li> <li>• Added a new table "Hypervisor Supported Platforms".</li> <li>• Deleted some rows from the "Third-Party Applications" table.</li> </ul>   |
| June 2021      | 9.1R11.5 Doc ver. 1.2 | Removed support for FireFox on macOS.  |
| February 2021  | 9.1R11 Doc ver. 1.0   | Updated supported platforms for JSAM   |
| February 2021  | 9.1R11 Doc ver. 1.0   | Initial Publication  |
| December 2020  | 9.1R10 Doc ver. 1.0   | Initial Publication  |
| October 2020   | 9.1R9 Doc ver. 1.0.1  | Updated the MDM Solutions section  |
| October 2020   | 9.1R9 Doc ver. 1.0    | Initial Publication  |

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| Date           | Revision             | Description         |
|----------------|----------------------|---------------------|
| September 2020 | 9.1R8.2 Doc ver. 1.0 | Initial Publication |
| July 2020      | 9.1R8, Doc ver. 1.0  | Initial Publication |
| May 2020       | 9.1R6, Doc ver. 1.0  | Initial Publication |
| 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 |

# Introduction

This document describes the IT infrastructure and client environments 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, Hyper-V, Microsoft Azure, Amazon AWS, OpenStack KVM and Alibaba Cloud.

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



# Windows Supported Platforms

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

| Windows Platform   | Browsers   | Admin UI | BYOD | Cross Platform Features | Advanced HTML5 | Host Checker | PSAL | PSIS | Terminal Services | JSAM |
|--|--|----------|------|-------------------------|----------------|--------------|------|------|-------------------|------|
| <b>Windows 11 Version 21H2</b><br><br><b>Professional, 64-bit</b>  | Edge<br>92.0.902.78(64-bit)<br><br>Google Chrome<br>92.0.4515.159<br><br>Firefox<br>91.0.2<br><br>Oracle JRE 8<br>Update 301 | C        | C    | C                       | C              | C            | C    | C    | C                 | C    |
| <b>Windows 10 Version 21H1</b><br><br><b>(OS build 10.0.19043.1110)</b><br><br><b>Professional, 64-bit</b> | Internet Explorer<br>11<br><br>Edge<br>91.0.864.71<br><br>Google Chrome<br>91.0.4472.164                                     | Q        | Q    | Q                       | Q              | Q            | Q    | Q    | Q                 | Q    |

| Windows Platform  | Browsers   | Admin UI | BYOD | Cross Platform Features | Advanced HTML5 | Host Checker | PSAL | PSIS | Terminal Services | JSAM |
|---|--|----------|------|-------------------------|----------------|--------------|------|------|-------------------|------|
|   | Firefox ESR 78.12<br>Oracle JRE 8 update 291   |          |      |                         |                |              |      |      |                   |      |
| <b>Windows 10 Version 20H2 (OS build 10.0.19042.572) Professional, 64-bit</b> | Internet Explorer 11<br>Edge 86<br>Google Chrome 83<br>Firefox ESR 68<br>Oracle JRE 8, 9 and 10 update 251 | C        | C    | C                       | Q              | C            | C    | C    | C                 | C    |
| <b>Windows 10 Version 2004 (OS Build 10.0.19041.329)</b>                      | Internet Explorer 11<br>Edge 83<br>Google Chrome 83  | Q        | Q    | Q                       | Q              | Q            | Q    | Q    | Q                 | Q    |

| Windows Platform   | Browsers   | Admin UI | BYOD | Cross Platform Features | Advanced HTML5 | Host Checker | PSAL | PSIS | Terminal Services | JSAM |
|--|--|----------|------|-------------------------|----------------|--------------|------|------|-------------------|------|
| <b>Enterprise, 32-bit and 64-bit</b>   | Firefox ESR 68<br>Oracle JRE 8, 9 and 10 update 251  |          |      |                         |                |              |      |      |                   |      |
| <b>Windows 10 Version 2004 (OS Build 10.0.19041.264) Enterprise, 32-bit and 64-bit</b> | Internet Explorer 11<br>Edge 83<br>Google Chrome 83<br>Firefox ESR 68<br>Oracle JRE 8, 9 and 10 update 144 | C        | C    | C                       | -              | C            | C    | C    | C                 | C    |
| <b>Windows 10 Redstone 6 Version 1903</b>  | Internet Explorer 11<br>Edge<br>Google Chrome 61   | Q        | Q    | Q                       | -              | C            | Q    | Q    | Q                 | Q    |

| Windows Platform                            | Browsers  | Admin UI | BYOD | Cross Platform Features | Advanced HTML5 | Host Checker | PSAL | PSIS | Terminal Services | JSAM |
|---|---|----------|------|-------------------------|----------------|--------------|------|------|-------------------|------|
| <b>(OS Build 10.0.18362.338)<br/>64-bit</b> | Firefox ESR 60<br>Oracle JRE 8, 9 and 10 update 144 |          |      |                         |                |              |      |      |                   |      |



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

# Mac OS Supported Platforms

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

| Mac Platform                                 | Browsers                                  | Admin UI | BYOD | Advanced HTML5 | Cross Platform Features | Host Checker | PSAL | PSIS | Terminal Services | JSAM |
|--|---|----------|------|----------------|-------------------------|--------------|------|------|-------------------|------|
| <b>MAC OS Monterey Version 12.0</b>          | Safari 15.0, Java 8 update 301            | C        | C    | C              | C                       | C            | C    | -    | -                 | C    |
| <b>Mac OS Big Sur Version 11.4</b>           | Safari 14.0, Chrome 86, Java 8 update 291 | Q        | Q    | Q              | Q                       | Q            | Q    | -    | -                 | Q    |
| <b>Mac OS Big Sur Version 11.0.1 (20B29)</b> | Safari 14.0<br>Chrome 86                  | C        | C    | C              | C                       | C            | C    | -    | -                 | C    |

| Mac Platform                                  | Browsers  | Admin UI | BYOD | Advanced HTML5 | Cross Platform Features | Host Checker | PSAL | PSIS | Terminal Services | JSAM |
|---|---|----------|------|----------------|-------------------------|--------------|------|------|-------------------|------|
| <b>Mac OS Catalina Version 10.15.5 64-bit</b> | Safari 13.0, Chrome 83, Oracle JRE, JDK 8, 9 and 10 | Q        | Q    | Q              | Q                       | Q            | Q    | -    | -                 | Q    |
| <b>Mac OS Catalina Version 10.15.3 64-bit</b> | Safari 12.0, Chrome 73, Oracle JRE, JDK 8, 9 and 10 | C        | C    | -              | C                       | Q            | C    | -    | -                 | Q    |



- Pulse Secure Application Launcher supports Pulse Client and Host Checker.
- Network Connect Support EOL from 8.3R1 onwards on MAC platforms.

# Linux Supported Platforms

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

| Linux Platform          | Browsers                   | Admin UI | BYOD | Cross Platform Features | Host Checker | PSAL | PSIS | Terminal Services | JSAM |
|-------------------------|----------------------------|----------|------|-------------------------|--------------|------|------|-------------------|------|
| <b>Ubuntu 20.04 LTS</b> | Firefox ESR 78.12, 64-bit  | Q        | Q    | Q                       | Q            | Q    | Q    | Q                 | Q    |
| <b>Ubuntu 16.04 LTS</b> | Firefox ESR 78.7.1, 64-bit | C        | -    | C                       | C            | C    | -    | -                 | C    |
| <b>Ubuntu 18.04 LTS</b> | Firefox ESR 78.7.1, 64-bit | C        | -    | C                       | C            | C    | -    | -                 | C    |

# Hypervisor Supported Platforms

The following **Hypervisor Supported Platforms** table lists supported third-party applications:

| Application   | Support Summary | Qualified | Compatible |
|---|-----------------|-----------|------------|
| <b>Virtual SA</b>                                       |                 |           |            |
| ESXi 7.0  | PSA-V           | Q         |            |
| ESXi 6.7 Update 2c                                      | PSA-V           | Q         |            |
| ESXi 6.5  | PSA-V           |           | C          |
| ESXi 6.0  | PSA-V           |           | C          |
| ESXi 5.5, 5.5 U3  | PSA-V           |           | C          |
| <b>OpenStack KVM</b>                                    |                 |           |            |
| Controller:<br>CentOS 7.6<br>QEMU version:<br>2.12.0    | PSA-V           | Q         |            |
| Compute: Ubuntu<br>8.04.2 LTS<br>QEMU version:<br>3.1.0 | PSA-V           | Q         |            |
| <b>Hyper-V</b>  |                 |           |            |
| Microsoft Hyper-V Server 2016 and 2019                  |                 | Q         |            |
| Microsoft Hyper-V Server 2012 R2                        |                 |           | C          |



The table specifies the qualified or compatible versions for the Hypervisors. Customers can deploy PCS on other versions at their own discretion.



# 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.

- Supported on Mozilla Firefox, Google Chrome and Edge browsers 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 the delivery and installation of the 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

The following table lists the **Recommended Minimum Platform Requirements for Pulse Secure Collaboration Client**:

| Component                 | Requirements  |
|---------------------------|---|
| <b>CPU</b>                | 1 GHz or more for Windows Client.<br>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.<br>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.                                   |



- Pulse Secure Collaboration Client is not supported on Mac PowerPCs. It is supported only on Intel-based Mac machines.
- 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

The following table lists the **Supported Mobile Platforms for the Pulse Secure Mobile Client**:

| Mobile Platforms                         | Active Sync | Host Checker | HTML5 RDP | VPN | Pulse Collaboration |
|--|-------------|--------------|-----------|-----|---------------------|
| <b>Android</b><br>8.1, 9.0,10.0,<br>11.0 | C           | C            | C         | C   | -                   |
| <b>IOS</b><br>11.x, 12.x, 13.x,<br>14.x  | C           | C            | C         | C   | C                   |
| <b>IOS</b><br>iOS 10.2.1, 9.3.5          | Q           | Q            | Q         | Q   | Q                   |

# Platform Support for Device Onboarding

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

| Operating System/Feature                 | VPN | Certificate | WiFi | Secure Email |
|--|-----|-------------|------|--------------|
| IOS 14.x, 13.x, 12.x, 11.x, 10.x, 9.x    | Q   | Q           | Q    | Q            |
| Android 11.x, 10.x, 9.x, 8.x             | Q   | Q           | Q    | -            |
| Windows 10                               | -   | Q           | Q    | -            |
| Windows 8.1                              | -   | Q           | Q    | -            |
| Mac OS X 10.12, Safari 9.0 & Safari 10.0 | -   | Q           | Q    | -            |
| Mac OS X 10.10.5, Safari 8.0.8           | -   | Q           | Q    | -            |
| Mac OS X 10.9.5 Safari 7.0.x             | -   | Q           | Q    | -            |
| Mac OS Big Sur Version 11.0.1 (20B29)    | -   | Q           | Q    | -            |
| Mac OS Catalina Version 10.15.5 64-bit   | -   | Q           | Q    | -            |

# MDM Solutions

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

| <b>Solution</b>         | <b>Qualified</b>     | <b>Compatible</b> |
|-------------------------|----------------------|-------------------|
| <b>AirWatch</b>         |                      |                   |
| Cloud service           | 19.11.1.5            | 19.03.0.6         |
| Appliance OS            |                      | C                 |
| Virtual appliance OS    | Q                    |                   |
| <b>MobileIron</b>       |                      |                   |
| Cloud service           | 10.5.0.0.107R        | 10.1.0.2          |
| MobileIron Cloud        | 79                   |                   |
| Appliance OS            |                      | C                 |
| Virtual appliance OS    | Q                    |                   |
| <b>Microsoft Intune</b> |                      |                   |
| Cloud service           | Release version 2106 |                   |
| <b>Pulse Workspace</b>  |                      |                   |
| Cloud service           | 1.8.0-1628           |                   |



# Platform Support for AAA

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

| Third-Party AAA Server                     | Qualified   | Compatible  |
|--|---|---|
| Active Directory*                          | Windows Server 2019<br>Windows Server 2016<br>Windows Server 2012 R2**                | Windows Server 2008 R2<br>Windows Server 2003                                       |
| LDAP using Microsoft Active Directory      | Windows Server 2019<br>Windows Server 2016<br>Windows Server 2012 R2                  | Windows Server 2008 R2<br>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)   | OpenLDAP 2.3.27   | C<br>Authentication and authorization based on user attributes or group membership. |
| RADIUS                                     | Steel-Belted RADIUS (SBR) 6.1<br>Defender 5.2<br>RSA Authentication Manager 8.4.0.3.0 | Azure MFA Radius<br>Windows IAS 2008<br>RSA Authentication Manager 8.3              |
| RADIUS IPv6 Support                        | Steel-Belted RADIUS (SBR) 6.1   | Windows NPS 2012 R2<br>Free-RADIUS 2.1  |
| RADIUS (other standards-compliant servers) |   | C   |
| ACE  | RSA Authentication Manager 8.4.0.3.0  | RSA Authentication Manager 8.3  |

| Third-Party AAA Server  | Qualified   | Compatible   |
|---|---|--|
|   |   | RSA Authentication Manager 8.2<br>RSA Authentication Manager 8.1<br>RSA Authentication Manager 8.0 SP4 |
| Siteminder  | CA Siteminder 12.7<br>CA Siteminder 12.52 SP1<br>CA Siteminder 12.0 SP3 | CA Siteminder 5.5<br>CA Siteminder 6.0 SP4   |
| Certificate   | Windows Server 2019<br>Windows Server 2016<br>Windows Server 2012 R2    | Windows Server 2008R2<br>RSA Keon Certificate Manager 6.5.1  |
| Certificate (other standards-compliant servers)   |   | C  |
| SAML*** 2.0, 1.1  | PingFederate 6.4.1.1  | Azure AD<br>Microsoft ADFS 2.0 (Server 2008 R2)<br>Oracle Identity Federation 11.1.1.2.0               |
| SAML 2.0, 1.1 (other standards-compliant servers)   |   | C  |
| <p>*Additional requirements and limitations apply. See the <i>Active Directory</i> section in the <i>PCS Administration Guide</i>.</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 the <i>Supported SAML SSO Profiles</i> section in the <i>PCS Administration Guide</i>.</p> |   |  |

# Third-Party Applications

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

| Application                       | Support Summary                            | Qualified | Compatible |
|-----------------------------------|--|-----------|------------|
| <b>Outlook Web Access (OWA)</b>   |  |           |            |
| OWA 2019                          | Web Profiles (Rewriter, Passthrough Proxy) | Q         |            |
| OWA 2016                          | Web Profiles (Rewriter, Passthrough Proxy) | Q         |            |
| OWA 2013 SP1                      | Web Profiles (Rewriter, Passthrough Proxy) | Q         |            |
| OWA 2010 SP2, SP1                 | Web Profiles (Rewriter, Passthrough Proxy) |           | C          |
| OWA 2007                          | 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>                 |  |           |            |
| Lotus iNotes 9.0                  | Web Profiles (Rewriter, Passthrough Proxy) | Q         |            |
| Lotus iNotes 8.5.3                | Web Profiles (Rewriter, Passthrough Proxy) |           | C          |
| Lotus Connect 3.0, 2.5            | Rewriter                                   |           | C          |
| <b>Citrix</b>                     |  |           |            |

| Application   | Support Summary                        | Qualified | Compatible |
|---|--|-----------|------------|
| Citrix Virtual Apps and Desktops 7 1912 LTSR                  | HTML5 Access and CTS                   | Q         |            |
| Citrix Virtual Apps and Desktops 7 below 1912                 | HTML5 Access and CTS                   |           | C          |
| Citrix StoreFront 1912 LTSR                                   | HTML5 Access and CTS                   | Q         |            |
| 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 | Q         |            |
| Citrix Receiver versions below 4.11                           | Web, Terminal Services and SAM Profile |           | C          |
| Citrix Virtual Apps and Desktops 7 1912 LTSR                  | Citrix Terminal Services               | Q         |            |

| <b>Application</b>                                     | <b>Support Summary</b>   | <b>Qualified</b> | <b>Compatible</b> |
|--|--------------------------|------------------|-------------------|
| Citrix XenApp and XenDesktop 7.18 and below            | Citrix Terminal Services |                  | C                 |
| Citrix Virtual Apps and Desktops 7 1912 LTSR           | VDI Profiles             | Q                |                   |
| Citrix XenDesktop 7.15 and below                       | VDI Profiles             |                  | C                 |
| Citrix Web Interface 5.4 Web Profiles                  | Rewriter, JSAM, and WSAM | Q                |                   |
| <b>VMWare</b>  |                          |                  |                   |
| VMWare Horizon View Connection Server version 8.0, 8.1 | Rewriter                 | Q                |                   |
| VMWare Horizon View Connection Server version 7.12     | Rewriter                 | Q                |                   |
| VMWare Horizon View Connection Server version 7.12     | Rewriter                 | Q                |                   |

| Application   | Support Summary | Qualified | Compatible |
|---|-----------------|-----------|------------|
| VMWare<br>Horizon View<br>Connection<br>Server versions<br>below 7.12 | Rewriter        |           | C          |
| VMWare<br>Horizon Agent<br>version 8.0, 8.1                           | VDI Profiles    | Q         |            |
| VMWare<br>Horizon Agent<br>version 7.12                               | VDI Profiles    | Q         |            |
| VMWare<br>Horizon Agent<br>versions below<br>7.12                     | VDI Profiles    |           | C          |
| VMWare<br>Horizon View<br>HTML Access<br>version 5.4                  | VDI Profiles    | Q         |            |
| VMWare<br>Horizon View<br>HTML Access<br>versions below<br>5.4        | VDI Profiles    |           | C          |
| VMWare<br>Horizon View<br>Client version<br>8.0                       | VDI Profiles    | Q         |            |
| VMWare<br>Horizon View<br>Client version<br>5.4                       | VDI Profiles    | Q         |            |

| <b>Application</b>                                       | <b>Support Summary</b>       | <b>Qualified</b> | <b>Compatible</b> |
|--|------------------------------|------------------|-------------------|
| VMWare<br>Horizon View<br>Client versions<br>below 5.4   | VDI Profiles                 |                  | C                 |
| VMWare View<br>Server version<br>4.6, 5.0, 5.1,<br>2.3.x | VDI Profiles                 |                  | C                 |
| <b>Exchange<br/>ActiveSync</b>                           |                              |                  |                   |
| Office 365   | Secure Mail Resource Profile | Q                |                   |
| Exchange 2016  | Secure Mail Resource Profile | Q                |                   |
| Exchange 2013,<br>2010 SP1, and<br>2007                  | Secure Mail Resource Profile |                  | C                 |
| <b>ESAP Package</b>                                      |                              |                  |                   |
| ESAP 3.4.8<br>(default<br>version)                       | Host Checker                 | Q                |                   |
| ESAP 3.3.5<br>(minimum<br>version)                       | Host Checker                 | Q                |                   |

# Change History

The following table lists the changes made to this document from the previous release:

| Section                     | Add/Update   | Drop or Moved                 | Effective Release | Notes      |
|-----------------------------|--|-------------------------------|-------------------|------------|
| Windows Supported Platforms | Updated Windows version                                      |                               | 9.1R13            | Compatible |
| Mac OS Supported Platforms  | Updated Mac OS version                                       |                               | 9.1R13            | Compatible |
| MacOS Supported Platforms   | Updated with MacOS Big Sur 11.0 versions                     |                               | 9.1R10            | Compatible |
| MDM Solutions               | Updated with cloud service versions                          |                               | 9.1R9             | Qualified  |
| Windows Supported Platforms | Updated with Windows 10 Version 20H2                         |                               | 9.1R9             | Compatible |
| Windows Supported Platforms | Updated with Windows 10 Version 2004                         |                               | 9.1R8             | Qualified  |
| MacOS Supported Platforms   | Updated with MacOS Catalina and MacOS Mojave latest versions |                               | 9.1R8             | Qualified  |
| Windows Supported Platforms | Updated with Windows 10 Version 2004                         |                               | 9.1R6             |            |
| Windows Supported Platforms |  | Removed support for Windows 7 | 9.1R5             |            |
| Windows Supported Platforms | Updated Host Checker feature                                 |                               | 9.1R5             |            |



| Section  | Add/Update  | Drop or Moved | Effective Release | Notes                                  |
|--|---|---------------|-------------------|--|
| 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              |
| Mac OS Supported Platforms<br>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             |  |