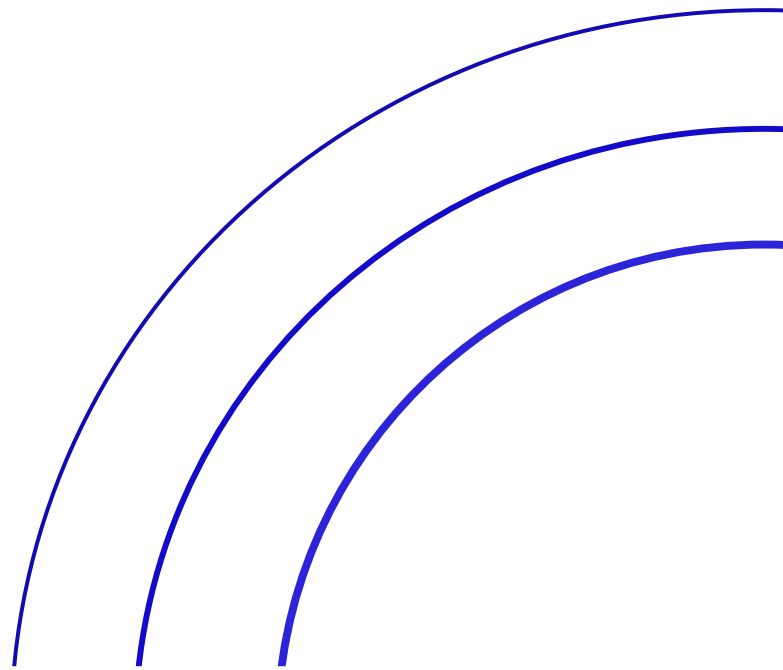




Compatibility Matrix



TITLE:	Compatibility Matrix	DOCUMENT REF NO:	QMS REC191
DESCRIPTION:	This document defines the supported technologies for Calligo Services		
OWNER/ AUTHORITY:	VP, Cloud Operations	VERSION NO:	1.0
DOCUMENT CROSS REFERENCE:	N/A	VERSION DATE:	26/10/2023
DISTRIBUTION METHOD	Web/online	DOCUMENT CLASSIFICATION	Public

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1. CloudCore

Note: The list includes end-of-life operating systems that can be deployed in CloudCore but associated services may be limited or unavailable.

Legacy = Currently supported in CloudCore for existing deployments only. Support limited as may no longer be supported by the Operating System Vendor.

Deprecated = Currently supported for existing CloudCore deployments but customers should actively be migrating to supported release. This is the final stage before compatibility is terminated.

Supported virtual machine guest operating systems:

- macOS 11.0, 12.00 & 13.0 – Deprecated
- MacOS 10.15.x – Deprecated
- macOS 10.14.x – Deprecated
- macOS 10.13.x – Deprecated
- macOS 10.12.x – Deprecated
- OS X 10.11.x – Deprecated
- OS X 10.10.x – Deprecated
- Asianux 3.0 – Deprecated
- Asianux 4.0
- Asianux 7.0
- Ubuntu 20.04 LTS
- Ubuntu 20.10 – Legacy
- Ubuntu 21,04 – Legacy
- Ubuntu 21,10 – Legacy
- Ubuntu 22,04 LTS
- Ubuntu 22,04 – Legacy
- Ubuntu 19.10
- Ubuntu 19.04 – Legacy
- Ubuntu 18.04
- Ubuntu 18.10 – Legacy
- Ubuntu 16.04
- Ubuntu 14.04 – Legacy
- CentOS 7.x
- CentOS 6.x – Legacy
- CentOS 5.x - Deprecated

- CentOS 4.9 - Deprecated
- CentOS 8.x
- NeoKylin Linux Advanced Server 7.x
- NeoKylin Linux Advanced Server 6.x
- Kylin Linux Advanced Server V10
- Debian GNU/Linux 11.x
- Debian GNU/Linux 10.x
- Debian GNU/Linux 9.x – Legacy
- Debian GNU/Linux 8.x – Deprecated
- Debian GNU/Linux 7.x – Deprecated
- FreeBSD 13.x
- FreeBSD 12.x
- FreeBSD 11.x – Legacy
- FreeBSD 9.x – Deprecated
- FreeBSD 10.x – Deprecated
- Flatcar Container Linux 3033 LTS
- Flatcar Container Linux 2605 – Legacy
- Windows Server 2022
- Windows Server 2019
- Windows Server 2016
- Windows 10
- Windows Server 2012 R2 – Deprecated
- Windows Server 2012
- Windows 8.1 – Legacy
- Windows 8 - Legacy
- Windows 7 – Legacy
- Windows Server 2008 R2 – Legacy
- Windows Server 2008 – Legacy
- Windows Vista – Deprecated
- Windows Server 2003 – Deprecated
- Windows XP – Deprecated
- Oracle Linux 9.x
- Oracle Linux 8.x
- Oracle Linux 7.x
- Oracle Linux 6.x

- Oracle Linux 5.x – Deprecated
- Red Hat Enterprise Linux Atomic Host 7.x
- Red Hat Enterprise Linux 9.x
- Red Hat Enterprise Linux 8.x
- Red Hat Enterprise Linux 7.x
- Red Hat Enterprise Linux 6.x
- Red Hat Enterprise Linux 5.x – Legacy
- Red Hat Enterprise Linux 4.x – Deprecated
- Solaris 11.4 – Legacy
- Solaris 10 – Deprecated
- SUSE Linux Enterprise Desktop 15 –
- SUSE Linux Enterprise Desktop 12 -- Deprecated
- SUSE Linux Enterprise Server 15
- SUSE Linux Enterprise Server 12 – Legacy
- SUSE Linux Enterprise Server 11 – Legacy
- Photon OS 5.0
- Photon OS 4.0
- Photon OS 3.0
- Photon OS 2.0 – Deprecated
- Photon OS 1.0 - Deprecated

2. CloudDesk

Supported client device operating systems for connecting to CloudDesk:

- iOS 11.x
- iOS 12.x
- iOS 13.x
- iOS 14.x
- iOS 15.x
- iOS 16.x
- iPadOS 13.x
- iPadOS 14.x
- iPadOS 15.x
- iPadOS 16.x
- Android 5.0 to 5.1.1 Lollipop

- Android 6.0 to 6.0.1 Marshmallow
- Android 7.0 to 7.1 Nougat
- Android 8.0 to Android 8.1 Oreo
- Android 9.0 Pie
- Android 11, 12 or 13 Operating Systems
- macOS Big Sur (11)
- macOS Monterey (12)
- macOS Ventura (13)
- macOS High Sierra (10.13)
- macOS Mojave (10.14)
- macOS Catalina (10.15)
- Ubuntu x64 20.04 – 22.04
- Red Hat Enterprise Linux (RHEL) 64bit 8.8 – 9.2
- Chrome OS 75 or later
- Windows 11 (21H2/22H2)
- Windows 10 32-bit or 64-bit (22H2, Enterprise LTSC/IoT 2019 & 2021)
- Windows Server 2016
- Windows Server 2019

Supported browsers to connect to CloudDesk:

- Chrome 112, 113, 114
- Safari 15,16
- Firefox 112, 114, 114
- Microsoft Edge 112,113,114
- VMware Workspace ONE Web (Apple Store or Google Play Store)

3. BaaS

Supported operating systems and applications for BaaS:

- Microsoft Windows Server 2012 R2 Editions – Legacy
- Microsoft Windows Server 2022 Editions
- Microsoft Windows Server 2019 Editions
- Microsoft Windows Server 2016 Editions
- SUSE Linux Open Enterprise Server 11 (x64)

- SUSE Linux Enterprise Server 10 SP4 (x86/x64)
- SUSE Linux Open Enterprise Server 2 SP3 (x64)
- SUSE Linux Enterprise Server 11 SP2 (x86/x64)
- Red Hat Enterprise Linux ES 6.3 (x86/x64)
- Red Hat Enterprise Linux AS 6.3 (x86/x64)
- Red Hat Enterprise Linux ES 6.2 (x86/x64)
- Red Hat Enterprise Linux AS 6.2 (x86/x64)
- Red Hat Enterprise Linux ES 5.8 (x86/x64)
- Red Hat Enterprise Linux AS 5.8 (x86/x64)
- Microsoft SQL Server 2014 up to latest Service Pack
- Microsoft SQL Server 2016 up to latest Service Pack
- Microsoft SQL Server 2017 up to latest Service Pack
- Microsoft SQL Server 2019 up to latest Service Pack
- Microsoft SQL Server 2022 up to latest Service Pack
- Microsoft SQL Server 2012 up to latest Service Pack
- Microsoft SQL Server 2008 up to latest Service Pack
- Microsoft Exchange 2010 up to the latest Service Pack
- Microsoft Exchange 2013 up to the latest Service Pack
- Microsoft Exchange 2016 up to the latest Service Pack
- Microsoft Exchange 2019 up to the latest Service Pack
- Microsoft SharePoint Server 2019
- Microsoft SharePoint Server 2016
- Microsoft SharePoint Server 2013
- SAP
- Oracle 21c
- Oracle 19c (19.2 or more recent)
- Oracle 18c (18.3 or more recent)
- PostgreSQL and EnterpriseDB Version 9.2-14.x
- MySQL 5.5 and up
- Sybase ASE 15.7/15.5
- Sysbase ASE 16.0/16.0 SP03 PL07
- DB2 V9.7
- DB2 V10.5
- DB2 V11.5/11.1 64 bit

4. MFA

The following are supported mobile devices to install the one-time passcode application:

- iOS 14.0 +
- Android 10.0 + (excluding ChromeOS or Huawei)
- SMS Enabled devices (SMS Passcodes only)

The following are the supported applications that can be configured to support 2FA:

- Atlassian Confluence
- Atlassian Jira Software
- Central Authentication Server (CAS)
- Duo Authentication for AD FS on Windows 2012 R2 and later
- Duo Single Sign-On and Duo Central
- Duo Network Gateway
- F5 BIG-IP APM with OIDC Web Duo Prompt
- Microsoft Azure Active Directory Conditional Access (Azure CA)
- Okta
- OneLogin
- Oracle Access Manager (OAM)
- OWA
- 1Password
- PingFederate
- Shibboleth
- Web SDK v4

5. Anti-Virus – Server for CloudCore

The following operating systems can be protected by the anti-virus service:

- Windows 10 (22H2)
- Windows 11
- Windows Server 2016
- Windows Server 2019
- Windows Server 2022

6. Document Control

DOCUMENT OWNER & APPROVAL

The VP Cloud Operations is the owner of this document and is responsible for ensuring that this service description is reviewed in line with the review requirements of Calligo's Information Security Management System, Project Management Frameworks as well as the guidance and requirements of the CSSF.

Approved by the Chief Operating Officer, Calligo ("Entity") on 26 October 2023

CHANGE HISTORY RECORD

VERSION	DESCRIPTION OF CHANGE	AUTHOR	APPROVAL	DATE OF ISSUE
1.0	Initial Issue	VP, Operations Management	COO	26/10/23