



# **BlackBerry Enterprise Mobility Server Compatibility Matrix**

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# Introduction

The compatibility matrix contains the latest information about BEMS compatibility with third-party products and services.

Unless otherwise stated, maintenance releases have the same system requirements and support levels as their related major release.

## Legend

Abbreviation	Definition
NS	Not supported. BlackBerry does not support the configuration.
LS	Limited support. BlackBerry supports the configuration, but has not fully assessed the third-party component for compatibility.
Sup	Supported. BlackBerry supports the configuration.
O	Pending. BlackBerry does not yet support the configuration, but is currently assessing the third-party component for compatibility.

# BEMS

The following sections list third-party software that is compatible with BEMS.

BEMS 3.1 and later is compatible with IPv6 networks (dual stack) and can operate in a hybrid IPv4 and IPv6 environment. Running BEMS in a IPV6-only configuration is not supported.

## Operating system

BEMS installations are supported only on English implementations of the operating system.

Operating system (64-bit)	3.3.x	3.2.x	3.1.x
Windows Server 2012 R2	Sup	Sup	Sup
Windows Server 2016	Sup	Sup	Sup
Windows Server 2019	Sup	Sup	Sup

## Database server

If the Microsoft SQL Server requires TLS 1.2 support, verify that the appropriate SQL Server version is installed. For more information, visit [support.blackberry.com/community](https://support.blackberry.com/community) to read article 56865.

Microsoft SQL Server	3.3.x	3.2.x	3.1.x
Microsoft SQL Server 2012	Sup	Sup	Sup
Microsoft SQL Server 2014	Sup	Sup	Sup
Microsoft SQL Server 2016	Sup	Sup	Sup
Microsoft SQL Server 2017	Sup	Sup	Sup
Microsoft SQL Server 2019	Sup	Sup	Sup

## BlackBerry UEM

BlackBerry UEM	3.3.x	3.2.x	3.1.x
BlackBerry UEM version 12.13	Sup	Sup	Sup
BlackBerry UEM version 12.14	Sup	Sup	Sup
BlackBerry UEM version 12.15	Sup	Sup	Sup

BlackBerry UEM	3.3.x	3.2.x	3.1.x
BlackBerry UEM Cloud*	Sup	Sup	Sup

\* The BlackBerry Connectivity Node must be installed for BlackBerry UEM Cloud to communicate with an on-premises BEMS. For more information, see [Configuring an on-premises BEMS in a BlackBerry UEM Cloud environment](#).

## Good Control server

Good Control server	3.3.x	3.2.x	3.1.x
Good Control server version 5.x	Sup	Sup	Sup

## Java Runtime Environment

Open JDK 8-based builds that are compatible with Java SE 8 are supported as an alternative to using Oracle JRE 8.

Java Runtime Environment (JRE)	3.3.x	3.2.x	3.1.x
JRE 8 (latest update version, 64-bit) <sup>1</sup>	Sup	Sup	Sup

<sup>1</sup> Due to compatibility issue with BEMS and JRE versions 8u292 to 8u301, use a JRE version earlier than JRE 8u291 or use OpenJDK 8u302 or later. For more information, visit [support.blackberry.com/community](http://support.blackberry.com/community) to read articles [84381](#) and [79384](#).

## Browser

The following table lists the supported browsers and versions to access BEMS.

Browser	3.3.x	3.2.x	3.1.x
Microsoft Edge	Sup	Sup	Sup
Mozilla Firefox	Sup	Sup	Sup
Google Chrome	Sup	Sup	Sup
Safari	Sup	Sup	Sup

## Microsoft Exchange

In environments that run BEMS, weaker cipher suites such as TLSv1 or TLS 1.0 are disabled by default. For more information, visit the following:

- [support.blackberry.com/community](https://support.blackberry.com/community) to read article 56869.
- <https://blogs.technet.microsoft.com/exchange/2018/01/26/exchange-server-tls-guidance-part-1-getting-ready-for-tls-1-2/>
- <https://blogs.technet.microsoft.com/exchange/2018/04/02/exchange-server-tls-guidance-part-2-enabling-tls-1-2-and-identifying-clients-not-using-it/>

	3.3.x	3.2.x	3.1.x
Microsoft Exchange 2013 SP1	Sup	Sup	Sup
Microsoft Office 365	Sup	Sup	Sup
Microsoft Exchange 2016	Sup	Sup	Sup
Microsoft Exchange 2019	Sup	Sup	Sup

## Microsoft SharePoint, Microsoft SharePoint Online, and Microsoft OneDrive for Business

The BlackBerry Docs service supports several repository storage providers. For more information about configuring and maintaining document/file repositories, see "[Steps to configure the BlackBerry Docs service](#)" in the [Configuring the Configuration BlackBerry Docs service content](#).

	3.3.x	3.2.x	3.1.x
Microsoft SharePoint 2010	Sup	Sup	Sup
Microsoft SharePoint 2013	Sup	Sup	Sup
Microsoft SharePoint 2016	Sup	Sup	Sup
Microsoft SharePoint 2019	Sup	Sup	Sup*
Microsoft SharePoint Online	Sup	Sup	Sup
Microsoft OneDrive for Business	Sup	Sup	Sup

\* Support for Microsoft SharePoint 2019 requires BEMS 3.1.15.17 or later.

## Microsoft Lync Server, Skype for Business, and Microsoft Teams

BlackBerry Connect is supported on Microsoft Lync Server and Skype for Business. Hybrid interoperation between the these servers is not supported.

BEMS supports BlackBerry Presence on the following instant messaging servers:

- Skype for Business on-premises using non-trusted application mode
- Skype for Business on-premises using trusted application mode
- Microsoft Lync Server

For more information, see [the Configuring the BlackBerry Connect service content](#).

	3.3.x	3.2.x	3.1.x
Microsoft Lync 2010	NS	NS	NS
Microsoft Lync 2013	Sup	Sup	Sup
Microsoft Skype for Business 2015	Sup	Sup	Sup
Microsoft Skype for Business 2019 <sup>1</sup>	Sup	Sup	Sup
Microsoft Skype for Business Online <sup>2</sup>	NS	NS	NS
Microsoft Teams <sup>3</sup>	NS	NS	NS

<sup>1</sup> Persistent chat is not supported in a Skype for Business 2019 environment.

<sup>2</sup> BEMS no longer supports Skype for Business Online. For more information visit [support.blackberry.com/community](http://support.blackberry.com/community) to read article 73967.

<sup>3</sup> For more information about support for Microsoft Teams, visit [support.blackberry.com/community](http://support.blackberry.com/community) to read article 61984.

## Cisco Unified Communications Manager for IM and Presence

	3.3.x	3.2.x	3.1.x
Cisco Unified CM for IM and Presence 9	NS	LS	LS
Cisco Unified CM for IM and Presence 10	NS	LS	LS
Cisco Unified CM for IM and Presence 11	NS	LS	LS
Cisco Unified CM for IM and Presence 12	Sup	Sup	Sup



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