

# STEP

## PLATFORM AND SOFTWARE SUPPORT

Release 9.1 (December 2018)

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# Platform and Software Support for STEP 9.1

## STEP Database Server

Server Component	Supported Software
Hardware architecture	x86-64 (aka. x64, AMD64, Intel 64)
Operating System (OS)	Red Hat Enterprise Linux 7.5+ / 6.10 64-bit <sup>1</sup> Oracle Enterprise Linux 7.5+ / 6.10 64-bit (UEK4/UEK3 or RHEL kernel) <sup>1,2</sup> MS Windows Server 2016 / 2012 R2 64-bit <sup>3</sup>
Database software	Oracle 12.2.0.1 64-bit SE2 and EE <sup>4</sup> Oracle 12.1.0.2 64-bit SE2 and EE <sup>4</sup> <i>Enterprise Edition may be needed if advanced Oracle options (like Oracle RAC or Dataguard) are requested – this must be checked with Oracle. The STEP application itself does not require any EE features.</i>
Application Software (optional) <sup>5</sup>	AdoptOpenJDK 8u192 (64-bit) STEP DB Server Toolbox

<sup>1</sup> All Red Hat Enterprise Linux / Oracle Enterprise Linux 6 versions will be desupported with the 9.2 release.

<sup>2</sup> UEK = Unbreakable Enterprise Kernel, RHCK = Red Hat Compatible Kernel.

<sup>3</sup> On Windows Server OS, it is a requirement to run the English language version.

<sup>4</sup> Stibo Systems recommends using Oracle Database 12.2.0.1. Customers currently using Oracle Database versions prior to 12.1.0.2 must upgrade to a supported version when upgrading to STEP 9.1.

<sup>5</sup> Required if customer has a DBA Support agreement with Stibo Systems or if customer / hosting partner wishes to utilize the STEP DB Server Toolbox, which includes scripts for e.g., Oracle RMAN backup and restore and Oracle Datapump export/import, etc.

## STEP Application Server

Server Component	Supported Software
Hardware architecture	x86-64 (aka. x64, AMD64, Intel 64)
Operating System (OS)	Red Hat Enterprise Linux 7.5+ / 6.10 64-bit <sup>1</sup> Oracle Enterprise Linux 7.5+ / 6.10 64-bit(UEK4/UEK3 or RHEL kernel) <sup>1,2</sup> MS Windows Server 2016 / 2012 R2 64-bit <sup>3</sup> (including Microsoft Visual C++ 2015 Redistributable (x64))
Server runtime environment	AdoptOpenJDK 8u192 (64-bit) <sup>4</sup>
Reverse Proxy	STEP 9.1 <sup>5</sup>
Application Software	STEP 9.1 Asset Push <sup>6</sup>

<sup>1</sup> All Red Hat Enterprise Linux / Oracle Enterprise Linux 6 versions will be desupported with the 9.2 release.

<sup>2</sup> UEK = Unbreakable Enterprise Kernel, RHCK = Red Hat Compatible Kernel.

<sup>3</sup> On Windows Server OS, it is a requirement to run the English language version. Windows is not supported for In-Memory installations.

<sup>4</sup> New Java versions will be updated automatically once tested with the STEP software. This occurs during patching of the STEP platform software using the SPOT tool.

<sup>5</sup> STEP 9.1+ includes a frontend solution based on HAProxy, which provides both load balancing between app servers and frontend failover.

<sup>6</sup> Asset Push is configured if images from the STEP system are to be used in different formats for e.g., a website.

## STEP InDesign Server

Server Component	Supported Software
Hardware architecture	x86-64 (aka. x64, AMD64, Intel 64)
Operating System (OS)	MS Windows Server 2016 / 2012 R2 64-bit <sup>1</sup> macOS 10.12 (Server 5.3) / 10.13 (Server 5.6) / 10.14 (Server 5.7) 64-bit
Server runtime environment	AdoptOpenJDK 8u192 (64-bit)
Application Software	Adobe® InDesign® CC2018.1 (13.1) Server (64-bit) <sup>2</sup> Adobe® InDesign® CC2017 (12.0) Server (64-bit) <sup>3</sup> STEP Asset Push <sup>4</sup>

<sup>1</sup> On Windows Server OS, it is a requirement to run the English language version.

<sup>2</sup> macOS 10.14 (Server 5.7) / 10.13.5 (Server 5.6) and Windows Server 2012 R2 and 2016.

<sup>3</sup> Supported on: macOS 10.13.5 (Server 5.6) / 10.12 (Server 5.3) and Windows Server 2012 R2.

<sup>4</sup> STEP Asset Push is configured to 'push' images to a file system on the server to be locally available for the InDesign® Server application.

## STEP Asset Push File Server

This server is required only if the customer wishes to use high-resolution images in remote locations (i.e. offices that are not at the same site as the STEP server) for STEP'n'design (using Adobe® InDesign® Client). One server for each remote office location that uses high-resolution images is required.

Server Component	Supported Software
Hardware architecture	x86-64 (aka. x64, AMD64, Intel 64)
Operating System (OS)	macOS 10.14 (Server 5.7) / 10.13.5 (Server 5.6) 64-bit Red Hat Enterprise Linux 7.5+ / 6.10 64-bit <sup>1</sup> Oracle Enterprise Linux 7.5+ / 6.10 64-bit (UEK4/UEK3 or RHEL kernel) <sup>1,2</sup> MS Windows Server 2016 / 2012 R2 64-bit <sup>3</sup>
Server runtime environment	AdoptOpenJDK 8u192 (64-bit)
Application Software	Asset Push <sup>4</sup>

<sup>1</sup> All Red Hat Enterprise Linux / Oracle Enterprise Linux 6 versions will be desupported with the 9.2 release.

<sup>2</sup> UEK = Unbreakable Enterprise Kernel, RHCK = Red Hat Compatible Kernel.

<sup>3</sup> On Windows Server OS, it is a requirement to run the English language version.

<sup>4</sup> Asset Push is configured to “push” images to a file system on the server to be locally available for the InDesign® Server application.

## Bomgar Jump Proxy Server

This server is required to establish a remote support access connection to the STEP environments.

Server Component	Supported Software
Hardware architecture	x86-64 (aka. x64, AMD64, Intel 64)
Operating System (OS)	MS Windows Server 2016 64-bit <sup>1</sup>
Application Software	Bomgar PAM Jumpoint proxy Bomgar PAM Jump Client AdoptOpenJDK 8u192 (64-bit) STEP Workbench Client Adobe InDesign CC2018 / CC2017 <sup>2</sup> Browsers: IE 11, Chrome

<sup>1</sup> On Windows Server OS, it is a requirement to run the English language version.

<sup>2</sup> Refer to the Adobe InDesign client requirements described below.

## STEP Client Requirements

### Windows Client

Server Component	Supported Software
Processor	Intel based 2.0GHz Core i3 Ivy Bridge or newer
Number of Processor Units	1
Total System Memory	Min. 4 GB (8 GB recommended)
Operating System	Windows 7 / 8 / 8.1 / 10
Storage	Minimum 5 GB free disk space for STEP Workbench installation, including client cache Additional free storage required for usage of DTP applications
Software	STEP Workbench Client  Adobe® InDesign® CC 2018.1 (13.1) / CC 2018 (13.0) (latest updated is recommended) <sup>1</sup> Adobe® InDesign® CC2017.1 (12.1) (latest update is recommended) <sup>1</sup> Adobe® Illustrator® CC 2017  Browsers: IE 11, Firefox, Safari, Chrome, Edge for Windows 10 (manually tested only)  Microsoft Excel: Office 2016 (32-bit, 64-bit), 2013, 2010, 2007, and 2003 <sup>2</sup>

<sup>1</sup> Client version must match the server major version.

<sup>2</sup> In an upcoming STEP release, Excel Office 2003 and 2007 versions will no longer be supported. Customers should ensure that they are using a supported, newer version of Microsoft Excel



## Mac Client

Server Component	Supported Software
Processor	Intel based 2.0GHz Core i3 Ivy Bridge or faster
Number of Processor Units	1
Total System Memory	Min. 4 GB (8 GB recommended)
Operating System	macOS 10.14 (Mojave) macOS 10.13 (High Sierra)
Storage	Minimum 5 GB free disk space for STEP Workbench installation, including client cache Additional free storage required for usage of DTP applications
Software	STEP Workbench Client Adobe® InDesign® CC2018.1 (13.1) / CC2018 (13.0) (latest update is recommended) <sup>1,3</sup> Adobe® InDesign® CC2017.1 (12.1) (latest update is recommended) <sup>2,3</sup> Adobe® Illustrator® CC 2017 Browsers: Firefox, Safari, Chrome Microsoft Excel: Office 2016 (32-bit, 64-bit), Office for Mac 2011 <sup>4</sup>

<sup>1</sup> InDesign CC2018.1 and CC2018 are supported on macOS 10.14 and 10.13.

<sup>2</sup> InDesign CC2017.1 (12.1) is supported on macOS 10.14 and 10.13.

<sup>3</sup> Client version must match the server major version.

<sup>4</sup> In an upcoming STEP release, the Office for Mac 2011 Excel version will no longer be supported. Customers should ensure that they are using a supported, newer version of Microsoft Excel.