# **Enterprise Management**

sade

# Sage Business Cloud Enterprise Management (formerly Sage X3)

PCI compliance using TLSv1 2 protocol Version 7, Update 8, Update 9

June 18, 2018

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## Introduction

To be PCI compliant, the Java Bridge server 2.23.2 and higher uses the TLSv1.2 protocol and is necessary to process credit card transactions through the PAYA portal.

Review the installation instructions below.

## Installation

#### Installing the new Java Bridge Server Version 2.23.2

Download SafeX3V2\_Java223.

Extract and run the Safex3-javavbridge-installer-2.23.2-x86\_64.jar.

Select your language and click **OK**.



Click Next.



Read and accept the terms of this license agreement, then click Next.



Select **Modify installation** and highlight the Java server you want to update.

Click Next.

<u>.</u>	IzPack - Installation of Sage Safe V2 Java Bridge Server	<b>– – X</b>
sage	<b>)</b>	Installation Type Step 4 of 11
Diarra chaora	the type of installation :	
Please choose     New installation	n	
<ul> <li>Modify installat</li> </ul>	tion	
JAVSRV V270 (c:	\Sage\SafeX3\JAV221.1)	
(Made with IzPack - http://izpack.org/)	Previous	Next Quit

Click Next.

👌 IzPack	- Installation of Sage Safe V2 Java Bridge Server		- • ×
sage		Select Installat	<b>ion Packages</b> Step 7 of 11
Select the packs you want to install:			
Version of the second secon			
Safe V2 Java Bridge Server base fil	es ///		152.7 MB
Sale X3 Java Bruge for Windows /	(04		347.00 MD
Description			
Core files for Safe V2 Java Bridge Server			
Total space Required:			500.56 MB
Available space:			66.27 GB
(Made with IzPack - http://izpack.org/)			
	Previo	us 🗼 Next	🛿 Quit

#### Click Next.

3) IzPaci	k - Installation of Sage Safe V2 Java Bridge Server	_ □ ×
sage		Summary Configuration Data Step 8 of 11
Installation will proceed with the following	settings. Press Next to continue.	
Installation Type		
Modify installation		
Chosen Installation Packs		
Safe V2 Java Bridge Server base files		
Safe X3 Java Bridge for Windows X64	ł	
(Made with IzPack, http://izpack.org/		
(made minizhaok • http://izpadk.org/)	A Dravit	

When **Pack installation progress** is **[Finished]** and **Overall installation progress** is **2/2**, click **Next**.

3	IzPack - Installation of Sage Safe V2 Java Bridge Server	- 🗆 X
sage	•	Installation Step 9 of 11
Dack installation progress:		
	[Finished]	
Overall installation progress:	2/2	
	2/2	
(Made with IzPack - http://izpack.org/) -	Previous 🌳 Next	🛛 🕓 Quit

When **Processing** displays 5/5, click Next.

😚 IzPack - Installation of Sage Safe V2 Java Bridge Server 📃 🗖 🗙
Sage Perform External Processes Step 10 of 11
Processing
5/5
<pre>c:\Sage\SafeX3\JAV221.1\tool/SOFTS/JVM\bin\java.exe -jar c:\Sage\SafeX3\JAV221.1\tool\yajsw\wr ^ YAJSW: yajsw-stable-11.11 OS : Windows Server 2012/6.2/amd64 JVM : Oracle Corporation/1.7.0_45/c:\Sage\SafeX3\JAV221.1\tool\SOFTS\JVM\jre/64 Jun 13, 2018 1:56:16 FM org.apache.commons.vfs2.VfsLog info INFO: Using "C:\Users\ADMINI-1.WIN\AppData\Local\Temp\2\vfs_cache" as temporary files store. Jun 13, 2018 1:56:17 FM org.rzo.yajsw.wrapper.WrappedService jvmOptions INFO: Windows &amp; JVM7: Setting -Djava.net.preferIPv4Stack=true (see java bug 7179799) *********************************</pre>
Service Sage Values Reider Server JAVSRV installed
1 1 file(s) copied.
(         III         >
(Made with IzPack - http://izpack.org/)

Click Done.

3) 	IzPack - Installation of Sage Safe V2 Java Bridge Server	_ <b>_</b> ×
sage	5	Installation Finished Step 11 of 11
	<ul> <li>Installation has completed successfully.</li> <li>An uninstaller program has been created in: c:\Sage\SafeX3\JAV221.1\Uninstaller</li> </ul>	
	Generate an automatic installation script	
(Made with IzPack - http://izpack.org/)		One

### Configuring the Java Server

Open the the SAFE X3 Configuration console by double-clicking on it.

Expand the Safe X3 Java Bridge Server menu.



If prompted, enter your credentials and click **Ok**.

Safe X3 AdxAdmin Administra	ation Server connection user
<b>localhost</b> User and password for the connection to the Safe X3 AdxAdmin Administratio	J.S.P.
Port number:	1818
User:	sagert
Password:	********
	✓ Keep password.
	Ok Cancel

Open the Configuration and select the icon below the arrow.

•	S	AFE X3 Configuration console - CFG	i.239	_ <b>_</b> ×
Console Safe X3 Java Bridge Server	Actions View Tools	?		
Welcome Add Delete Configuration	n Services Publications			
Solutions	😸 Configure 🛛 🍇 Deconfig	jure 💋 🥝		
Safe X3 Documentation Server				
Safe X3 Sage Search Server	📲 👯 Configura	ation	4,	JAVSRV
Safe X3 Print Server			V	0711.220
Safe X3 Webservice and ADC Server	🐔 Safe X3 Java Bridge S	Server on localhost	😴 Update  🗄	ð 💽 🖵
Safe X3 Business Intelligence Server		Parameter	Value	
Safe X3 Java Bridge Server	i⊞-runtime			
🍓 🐔 🞜 🖌				
AVSRV on localhost [ID : JAVS				
	6		runtime.bundle_main.x	3web.public.server 🛛
Safe X3 AdvAdmin Administration Server				
are As AddAdmin Administration Server				

Expand the **Runtime** menu and highlight **runtime.bundle\_main**.

	SAFE X3 Configur	ation console - CFG.239	_	D X
Console Safe X3 Java Bridge Server A	Actions View Tools ?			
Welcome Add Delete Configuration	Services Publications			
Solutions 🍕	Configure 🐐 Deconfigure  🛛 🖉			
Safe X3 Documentation Server				
Safe X3 Sage Search Server	🕷 Configuration			
Cofe V2 Dist Comm	<b>1</b> 😜			
Safe X3 Print Server				
Safe X3 Webservice and ADC Server	Safe X3 Java Bridge Server on localhost			
Safe X3 Business Intelligence Server	()all	Parameter	Value	
Safe X3 Java Bridge Server	i runtime	runtime.bundle_main.trace.server.host	localhost	
	runtime.service	runtime.bundle_main.trace.server.port	1515	
🍝 🗞 🗟 🔍 🔛		runtime.bundle_main.trace.on	off	
- 44 JAVSRV on localhost [ID : JAVS	runtime.bundle_deamon	runtime.bundle_main.trace.canal.name	RUNJ	
5 Sage X3 on localhost - [ID:A	runtime.bundle_mail	runtime.bundle_main.trace.canal.level	9	
_	runume.bundle_commxs	runtime.bundle_main.trace.canal.on	off	
	nutime bundle_sakserver	runtime.bundle_main.http.proxy.on	off	
	- nutime bundle, promanager	runtime.bundle_main.http.client.ssl	default	
		runtime.bundle_main.http.proxyhost		
	- runtime bundle spapolient	runtime.bundle_main.http.proxyport	80	
	runtime bundle distributed	runtime.bundle_main.http.proxy.auth.on	off	
	runtime.bundle_fusion	runtime.bundle_main.http.proxyuser		
	-	runtime.bundle_main.http.proxypassword		·····
		runtime.bundle_main.http.proxy.ntlm.on	off	
		runtime.bundle_main.http.proxy.ntlm.domain		
		runtime.bundle_main.http.proxy.ntlm.workstation		
		runtime.bundle_main.http.proxy.excludes		
		runtime.bundle_main.x3web.port		
		runtime.bundle_main.x3web.public.server		
		runtime.bundle_main.x3web.public.port		
		runtime.bundle_main.x3bridge.public.server		
		runtime.bundle_main.x3web.server		
		runtime.bundle_main.http.user	sage	
<		runtime.bundle_main.http.password		·····
Safe X3 AdxAdmin Administration Server				
Recovering the dictionary of the Safe X3 J	lava Bridge Server parameters	늨 localhost (1818) - sagert		

Select runtime.bundle\_main then highlight runtime.bundle\_main.http.client.ssl.

The current Value setting is default and must be changed to TLSv1.2.

•	SAFE X3 Configur	ation console - CFG.239	_ □	x
Console Safe X3 Java Bridge Server	Actions View Tools ?			
Welcome Add Delete Configuratio	n Services Publications			
Solutions	🏀 Configure 🛛 🍕 Deconfigure 🛛 🥰 🥹			
Safe X3 Documentation Server				
Safe X3 Sage Search Server	👯 Configuration		JA I	WSRV
Safe X3 Print Server				
Safe X3 Webservice and ADC Server	Safe X3 Java Bridge Server on localhost		🛃 Update 🔡 👌 🚺 🖵	
Safe X3 Business Intelligence Server	æ−a	Parameter	Value	^
Safe X3 Java Bridge Server	- runtime	runtime.bundle_main.trace.canal.name	RUNJ	
	runtime.service	runtime.bundle_main.trace.canal.level	9	
😽 🕷 🎜 🖉	runtime.bundle_main	runtime.bundle_main.trace.canal.on	off	
	runtime.bundle_deamon	runtime.bundle_main.http.proxy.on	off	
Sage X3 on localhost - [ID:A	runtime.bundle_mail	runtime.bundle_main.http.client.ssl	default	
·	runtime.bundle_commx3	runtime.bundle_main.http.proxyhost		
	runtime.bundle_sakserver	runtime.bundle_main.http.proxyport	80	
		runtime.bundle_main.http.proxy.auth.on	off	
		runtime.bundle_main.http.proxyuser		
		runtime.bundle_main.http.proxypassword		
		runtime.bundle_main.http.proxy.ntlm.on	off	
	runtime.bundle_fusion	runtime.bundle_main.http.proxy.ntlm.domain		=
	-	runtime.bundle_main.http.proxy.ntlm.workstation		
		runtime.bundle_main.http.proxy.excludes		
		runtime.bundle_main.x3web.port		
		runtime.bundle_main.x3web.public.server		- 11
		runtime.bundle_main.x3web.public.port		
		runtime.bundle_main.x3bridge.public.server		
		runtime.bundle_main.x3web.server		
		runtime.bundle_main.http.user	sage	_
		runtime.bundle_main.http.password		· 🗸
< III > Safe X3 AdxAdmin Administration Server	0		runtime.bundle_main.http.client.ssl	
Recovering the dictionary of the Safe X	3 Java Bridge Server parameters	Sagert (1818) - sagert		

To change the Value, double-click default.

In the window that opens, select TLSv1.2 from the drop-down list.



Click Ok.

Click Configure.



Click **Yes** to confirm the configuration.



Click OK.



Click Close.



You can close the SAFE X3 Configuration console.



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