Enterprise Management

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Sage Business Cloud Enterprise Management (formerly Sage X3)

PCI compliance using TLSv1.2 postocol Version 6.5

June 18, 2018

Contents

INTRODUCTION	3
INSTALLATION	4
Installing the new Java Bridge Server Version 123.1	4
Configuring the Java Server	6

Introduction

To be PCI compliant, the Java Bridge server 123.1 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 123.1

Download and run the SafeX3V1JAV123.exe.

he pu un this	blisher cou s software?	ld not be verified. Are you sure you want to
11	Name:	rs\Administrator\Downloads\SafeX3V1JAV123.exe
	Publisher:	Unknown Publisher
	Type:	Application
	From:	C:\Users\Administrator\Downloads\SafeX3V1JAV1
		<u>B</u> un Cancel

Select **Maintain or update the instance of this application selected below:** and highlight the Java server you want to update.

Click **Next** to start the update.

xisting Installed Instances	Detected		
Select the appropriate applica	tion instance to maintain or update.		
	Setup has detected one or more instances of this application already installed o You can maintain or update an existing instance or install a completely new insta Install a new instance of this application.		ed on your system. nstance.
	Display Name	Install Location	
	<u>* </u>		

Let the command window close automatically.



Click **Next** to continue with the update.



Click **Finish** when maintenance is complete.

Safe X3 Java Bridge server ¥1 ·	InstallShield Wizard
	Maintenance Complete InstallShield Wizard has finished performing maintenance operations on Safe X3 Java Bridge server V1.
InstallShield	

Configuring the Java Server

Launch the SAFE X3 V1 management console.

In the SAFE X3 V1 management console, expand the SAFE X3 Java Servers menu.



Open the Java bridge configuration by double-clicking.

Click the icon below the arrow shown below.

SAFE X3 V1 management console - CFG.122				
Console SAFE X3 Java Servers Actions View Tools ?				
Image: Welcome Image: Welcome Image: Welcome Image: Welcome Melcome Add Delete Image: Welcome				
Solutions	🎨 Configure 🛛 🍕 Deconfigure 🛛 🥰 🤫			
Documentation servers			_	
Sage Search servers	🅰 Configuration		JAVA1162	
Print servers			V	
Web servers	SAFE X3 Java Server on localhost		🛃 Update 🛛 🔡 👌 💽 🖵	
Business Objects servers	Parameter	Value		
SAFE X3 Java Servers	all.jvm.jmxport	27920		
JAIL AJ VAVA JOIVOIS	runtime.service.wrapper.timeout	90		
8 😼 🧏 🖉 🖉	runtime.service.httpport	27680		
JAVA1162 on localhost (ID : JAV	runtime.service.jetty.port	27880		
	runtime.service.jetty.port.ssl	27843		
	runtime.service.osgi.console.port	27023		
	runtime.bundle_main.x3web.port	28880		
	runtime.bundle_main.x3web.public.server			
	runtime.bundle_main.x3web.public.port			
	runtime.bundle_main.x3bridge.public.server			
	runtime.bundle_main.x3web.server	localhost		
	runtime.bundle_deamon.adxd.port	27160		
	runtime.bundle_sdkserver.ecf.port	27085		
	runtime.bundle_sdata.http.port	27080		
	runtime.bundle_fusion.active.on	off		
	Component update			
T F	A component in update was detected. F	lease reconfigure it.		
AdxAdmin servers	P			
Recovering the parameter dictionary of	the Java server	늨 localhost (1818) - sagert		

You are now in Advance mode to display all of the parameters.

Expand the runtime menu from the left list.

SAFE X3 Java Server on localhost		🛃 Update 📳
	Parameter	Value

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 ¥1 management console - CFG.122				
Console SAFE X3 Java Servers Action	s View Tools ?			
Welcome Add Delete Configura	ation Services Publications			
Solutions	🍓 Configure 🛛 🍕 Deconfigure 🛛 🛃 💡)		
Documentation servers				
Sage Search servers	🏹 Configuration		JAVA1162	
Print servers			JAV.123	
Web servers	SAFE X3 Java Server on localhost		🔁 Update 🔠 🎒 🕤 🖵	
Business Objects servers		Parameter	Value	
SAFE X3 Java Servers	i ⊡ - runtime	runtime.bundle_main.trace.server.host	localhost	
	runtime.service	runtime.bundle_main.trace.server.port	1515	
🍕 🗞 🎜 🥝	runtime.bundle_main	runtime.bundle_main.trace.on	off	
JAVA1162 on localhost (ID : JAV	runtime.bundle_deamon	runtime.bundle_main.trace.canal.name	RUNJ	
	runtime.bundle_mail	runtime.bundle_main.trace.canal.level	9	
	runtime.bundle_commx3	runtime.bundle_main.trace.canal.on	off	
	runtime.bundle_sakserver	runtime.bundle_main.http.proxy.on	off	
	runtime.bundle_reromanager	runtime.bundle_main.http.client.ssl	default	
	- runtime bundle_soapupit	runtime.bundle_main.http.proxyhost		
	runtime bundle_soapclient	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	28880	
		runtime.bundle_main.x3web.public.server		
		runtime.bundle_main.x3web.public.port		
		runtime.bundle_main.x3bridge.public.server		
		runtime.bundle_main.x3web.server	localhost	
		runtime.bundle_main.http.user	sage	
		runtime.bundle_main.http.password	CRYPT:tesgrQrtva	
AdxAdmin servers	l'		· · · · · · · · · · · · · · · · · · ·	
🛛 Recovering the parameter dictionary of the Java server 🐂 localhost (1818) - sagert 🖉				

To change the Value, double-click default.

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

Enter p	oarameter		
	http.client.ssl https protocol to use for the h TLSv1)	ittp client (default, TLSv1.	2,
TLSv1.2			
🔲 Entry s	yntax:	Cancel	Ok

Click Ok.

Click Configure.

Documentation servers Sage Search servers	conigue 👷 Deconigu		
Sage Search servers			
Sage Search servers	C		16/41
	Configuration	tion	JAV.1
Print servers	<u> </u>		
Web servers	熊 SAFE X3 Java Server o	in localhost	Active
Business Objects servers		Parameter	Value
SAFE X3 Java Servers	- runtime	runtime.bundle_main.trace.server.host	localhost
SALE XSTAVA SELVERS	- runtime.service	runtime.bundle_main.trace.server.port	1515
88 2 0	- runtime.bundle_m	runtime.bundle_main.trace.on	off
🐇 JáVá117 on localhost IID : JáVá	- runtime.bundle_de	runtime.bundle_main.trace.canal.name	RUNJ
Sage ERP X3 on localhost	runtime.bundle_m	runtime.bundle_main.trace.canal.level	9
-	runtime.bundle_cc	runtime.bundle_main.trace.canal.on	off
	runtime.bundle_sc	runtime.bundle_main.http.proxy.on	off
	runtime.bundle_sc	runtime.bundle_main.http.client.ssl	TLSv1.2
	runtime bundle_sc	runtime.bundle_main.http.proxyhost	
	runtime hundle_sc	runtime.bundle_main.http.proxyport	80
	runtime hundle_di	runtime.bundle_main.http.proxy.auth.on	off
	runtime.bundle_fu	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	28880 -
		runtime.bundle_main.x3web.public.server	
		runtime.bundle_main.x3web.public.port	

Click Yes.

Confirm		×
?	Confirm configuration ?	
	Yes No	

Click OK.

Message	×
Configuration completed.	
ОК	

Click Close.



You can now close the SAFE X3 console.



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