

## Test System Build Diary

2021 R4(V12 Patch 28) Single server installation

Updated:15/11/2021

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#### Disclaimer

This document is provided "as is" and is for your guidance and educational purposes only. It does not replace the Online documentation, nor is any warranty expressed nor implied for the steps described herein.

#### **Document Information**

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# sage

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## Introduction

#### What is a" Build Diary"

A Build Diary simply describes the steps taken by Sage Support to perform a task or tasks on our internal test systems. Build diaries could be created for major multi-node installations but may also just be describing the steps taken when installing a small hotfix, or anything in-between.

#### Why is this being shared

It may be useful for you to see the steps we have taken to create or implement some feature or installation, as this may highlight "gotcha's", issues encountered or just give you some guidance if you are planning something similar yourself.

You could potentially use these documents as the base for your own "Workplan document" (Described in "Overview of patching X3 and supporting technologies" <u>https://www.sagecity.com/gb/sage-x3-uk/b/sage-x3-uk-support-insights/posts/sage-x3-technical-support-tips-and-tricks---march-2021-index</u>) when you are planning your own activities

#### Target Audience

This document is aimed at Sage X3 Certified Technical consultants. Sage prescribe that X3 system installation, maintenance, migrations, etc. should be performed by suitably qualified Sage X3 consultants. The prerequisite consideration would be for them to have the latest "Sage X3 Certified Technical Consultant" certification. You can read more about the Sage X3 qualifications and requirements in Sage University ( https://sageu.csod.com/catalog/CustomPage.aspx?id=20000242#tc)

#### Additional things to note

- This document does NOT purport to illustrate "best practice" for the task being described
- The steps described will not necessarily be for a "perfect" task, as there may have been issues that needed to be overcome, worked around, or ignored
- The Sage internal test system has network and hardware configuration specific to Sage
- The Sage internal test system does not necessarily include a Windows Domain and has Sage sandbox specific Windows security setup, so operating system permissions are generally not discussed
- If you intend to use these notes as a guide for your own activities, use with caution and perform your own testing to ensure the described steps are suitable and identify any additional considerations that apply to your own situation
- Ensure you only install and use software you are licensed for
- •

#### What does this Build Diary describe?

This build diary primarily describes the installation and configuration of Sage X3 components needed to create a single server environment for testing purposes

- Windows Server 2019
- SQL Server 2019
- Sage X3 version 2021 R4



## 2021 R4 – Single Server Installation

#### Objective

The objective of this build diary is to document a single server install of Sage X3 2021 R4 that can be used for testing purposes.

Documentation to use for planning and execution of this task

Sage Online documentation

Overall V12 documentation http://online-help.sageerpx3.com/erp/12/public/index.html

Pre-requisites <u>http://online-help.sageerpx3.com/erp/12/public/Prerequisites-(Last-version).html</u> <u>http://online-help.sageerpx3.com/erp/12/public/prerequisites\_overview.html</u>

Installation documentation

http://online-help.sageerpx3.com/erp/12/public/getting-started\_sage-erp-x3-installation-procedure.html

Application Server: <a href="https://online-help.sageerpx3.com/erp/12/staticpost/installing-the-application-server/">https://online-help.sageerpx3.com/erp/12/staticpost/installing-the-application-server/</a>

Console: <u>https://online-help.sageerpx3.com/erp/12/public/configuration-console\_console.html</u>

#### Sage Knowledgebase articles or Blogs

Additional notes when installing Application Cluster <u>https://support.na.sage.com/selfservice/viewdocument.do?externalId=109651</u>

Additional notes when upgrading Elasticsearch https://support.na.sage.com/selfservice/viewdocument.do?externalId=99424

New feature in 2021 R3: Multiple print server instances <u>https://www.sagecity.com/gb/sage-x3-uk/b/sage-x3-uk-support-insights/posts/new-feature-in-2021-r3-multiple-print-server-instances</u>



#### The starting architecture and notes

Single Windows Server 2019 server Software already loaded: Windows Server 2019 OpenJDK 1.8.0\_282 Microsoft Edge, Firefox and Chrome browsers 7-Zip 19.00 Windows users setup (Local users) "x3admin" for installation and management "X3run" for service runtime

#### Target architecture (Sage X3 2021 R4)



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## Initial steps

#### Prerequisite's check

Make sure the server meets the requirements listed on

https://online-help.sageerpx3.com/erp/12/public/prerequisites\_overview.html

Update Firefox, Chrome, and Edge to make sure I'm on the latest browser versions

#### Check Disk configuration

Check Server disk space and configuration meets the requirements



- T: This is where the Sage components will be installed
- E: SQL Application and database location
- D: TempDB Drive for the SQL temp database



## Installation of Components

#### Installation of SQL Server 2019

1. Mount the SQL Enterprise ISO file and execute setup.exe and select features instance features & installation directory

🎲 SQL Server 2019 Setup						-	(	2	×
Feature Selection Select the Enterprise features to	o install.								
Install Rules Feature Selection Feature Rules Instance Configuration Server Configuration Database Engine Configuration Feature Configuration Rules Ready to Install Installation Progress Complete	Looking for Reporting Servi Festures:     Database Engine Services     OL Services     OL Service Repication     Machine Learning See     R     Python     Java     PutII-Test and Semant     Data Quality Services     PolyBase Query Service     Analysis Services     Sharef Features     Machine Learning Server     R     Python     Data Quality Clent     Client Tools Connectivity     Integration Services     Sole Out Worker     Client Tools SDK     Distributed Replay Contra	cee? Download it from the web		Feature description: The configuration and opera instance is isolated from oth- operate side-by-side on the r Prerequisites for selected feat Already installed: Windows PowerShell 3.0 Microsoft Visual C++ 201 Disk Space Requirements Drive C: 296 MB required, 333 Drive E: 902 MB required, 223	tion of each instan er SQL Server instar ame computer. ures: or higher 7 Redistributable 132 MB available 338 MB available	ce feature of a 5 ces. SQL Server	QL Sen	/er ces cal	× ×
	Select All Unselect All Instance root directory: Shared feature directory: Shared feature directory (x86):	E:\Program Files\Microsoft SQL E:\Program Files\Microsoft SQL E\Program Files(x86)\Microsoft	. Serve . Serve ft SQL	r\ r\ Server\					
	L				< Back	Next >	(	ancel	

#### Name Instance SAGEX3

Specify the name and instance	n e ID for the instance of S	SQL Server. Instanc	e ID becomes part of the installa	ation path.		
tall Rules ture Selection ture Rules	<ul> <li>Default instance</li> <li>Named instance:</li> </ul>	SAGEX3				
unce Configuration er Configuration Ibase Engine Configuration	Instance ID:	SAGEX3				
ure Configuration Rules by to Install Ilation Progress	SQL Server directory:	E:\Program Files	Microsoft SQL Server\MSSQL1	5.SAGEX3		
nplete	Instance Name		Instance ID	Features	Edition	 Version

#### Specify collation

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SQL Server 2019 Setup				- 0	)
Server Configuration Specify the service accounts an	nd collation configuration.				
nstall Rules Feature Selection Feature Rules	Service Accounts Colletion Microsoft recommends that you use a separate ac	count for each SQL Server service.			
nstance Configuration	Service	Account Name	Password	Startup Type	
erver Configuration	SQL Server Agent	NT Service\SQLAgent\$SAGEX3		Manual	~
atabase Engine Configuration	SQL Server Database Engine	NT Service\MSSQL\$SAGEX3		Automatic	~
ature Configuration Rules	SQL Server Browser	NT AUTHORITY\LOCAL SERVICE		Automatic	~

#### Latin1\_General - Binary



#### Confirm Latin1\_general\_BIN2 is specified

😵 SQL Server 2019 Setup		-		×
Server Configuration Specify the service accounts and	collation configuration.			
Install Rules	Service Accounts Collation			
Feature Selection Feature Rules	Database Engine:			
Instance Configuration	Latin1_General_BIN2	C	ustomiz	æ
Server Configuration Database Enjore Configuration Feature Configuration Rules Ready to Install Installation Progress Complete	Latin 1-General, binary code point comparison sort			
	< Back Next	>	Canc	el

#### Specify SA password & add current user as SQL administrator

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specity Database Engine autre	ntication security mode, a	administrators, data directories, TempUb, Max degree or j	arallelism, Memory limits, and Filestream settings.	
stall Rules ature Selection ature Rules ature Configuration rever Configuration atures Configuration Rules atures Configuration Rules expt on Install stallation Progress omplete	Server Configuration Specify the authenti Authentication Mod Windows authent Mixed Mode (SQL Specify the password: Confirm password: Confirm password:	Data Directories TempDB MaxDDP Memory FILEST cation mode and administrators for the Database Engine. e ciccition mode Server authentication and Windows authentication) of or the SQL Server system administrator (sa) account distributions		
	Add Current User	Add Remove	SQL Server administrators have unrestricted	access to the Database Engine.

#### Specify Temp DB location

But the set for the for the				
Database Engine Conf	iguration			
Specify Database Engine authority	entication security mode, administrators, data directories, TempDB, Max degree of parallelism, Memory limits, and Filestream settin	ngs.		
ttall Rules ature Selection ature Rules stance Configuration ryer Configuration trabase Engline Configuration ature Configuration Rules	Server Configuration Data Directories Temp08 MaxDOP Memory FILESTREAM Temp08 data files: temp08.mdf, temp08_mssql_#.ndf Number of files: 2 2 Initial size (M8): 8 2 Total initial size (M8): 16 Autogrowth (M8): 64 2 Total autogrowth (M8): 123			
ady to Install	Data directories: Dt/TempDB_Data 100			Add
mplete			R	Remove
	TempD8 log file         templog.ldf           Initial size (MB):         8         0         Setup could take longer with large initial size.           Autogrowth (MB):         64         0            Log directory:         Di/TempD8_Log			
		- Parts	News	Curved
SQL Server 2019 Setup			-	
SQL Server 2019 Setup Ready to Install Verify the SQL Server 2019 fe	setures to be installed.		-	
SQL Server 2019 Setup Ready to Install Verify the SQL Server 2019 fe stall Rules	retures to be installed. Ready to install SQL Server 2019:		-	
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#### Installation of SSMS

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Execute "T:\Software\SSMS18\SSMS-Setup-ENU\_18.8.exe"

Note: Later versions of SSMS Maybe available it would be recommended to use the latest



Launch SSMS and test you can connect to the SQL instance we have deployed



#### Installation of Mongo DB

#### Launch the Mongo DB installation from the Sage X3 ISO file

#### Specify installation path

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IzPack - Installation of Safe X3 MongoDB	- 🗆 🗙
mongoDB	Target Path Step 7 of 21
Select the installation path:	
\Sage\MongoDBComponent	Browse
lade with IzPack - http://izpack.org/)	Previous Next Quit
-Darbert Hallware (Cafe VI Manas DD	
zz-ack - installation of safe As Mongoub	×
mongoDB	Select Installation Packages Step 8 of 2
Select the packs you want to install: Note: Grayed packs are required.	
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Specify installation path for service and components

Service config	uration		
Configure the mongoDE	service		
MongoDB node identifier	MONGO01		
Path for the database data	T:\Sage\MongoDBComponent\data	Browse	
Path for logging information files	T:\Sage\MongoDBComponent\logs	Browse	
Path for configuration files	T:\Sage\MongoDBComponent\config	Browse	
Service port number	27017		
Enable ipv6 support			

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#### Specify patch for certificates

Step
ctions.
t\certs Browse

#### Add passphrase for CA & verify

mong	oDB		User	p 14 of
Certificate	Authority (CA) setup			
Passphrases can contain Passphrase of CA	al alphanumeric and nonalphanumeric characters	s except : ' and ".		
Verification				
IzPack - http://izpack.org/)		Previous	Next	Out
IzPack - http://izpack.org/)		Previous	Next	Quit
IzPack - http://izpack.org/)		Previous	Next	Quit
IzPack - http://izpack.org/) installation: of Safe X3 MongoDB		Previous	Next	Quit
IzPack - http:///zpack.org/) Installation of Safe X3 MongoDB		Previous	Next	Quit
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IsPack - http://izpack.org/	oDB	Previous	Next Use Ste	Quit r Da p 15 o
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IsPase - http://tepace.org/)	oDB data y. uK - - - - - - - - - - - - - - - - - -	Previous	Use	Quit
IsPase - http://tepace.org/ Installation of SeleX3 Mong2DB Import SeleX3 Mong2DB Certificate (*) Al fields are mandator Country code State/Province City/Locality Organizational unit/Team Name/Certificate Owner Emal Days of validity	ODB data y. UK - - - - x3admin x3admin@TEST.COM 3650	Previous	Use	Quit

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#### Add passphrase for Server & verify

2Pack - Installation of Safe X3 MongoDB	- 🗆 X
mongoDB	User Data Step 16 of 21
Mongodb server setup	
Passphrases can contain all alphanumeric and nonalphanumeric characters except :	' and ".
(*) All fields are mandatory. Please note : in order to start as a service the passphrase will be in clear text in the clear text in tex	configuration file
of this MongoDB server !	5
Passphrase of server	
Verification	
Host name (FQDN) sagex3svr1	
(Made with IzPack - http://izpack.org/)	
Pn	evious Next Quit
IzPack - Installation of Safe X3 MongoDB	- • ×
mongoDB	User Data
• mongo DD	Step 17 of 21
Service configuration	
(Made with IzPack - http://izpack.org/)	
Pr	revious Next Quit
gr Izrack - Installation of Safe A3 Mongous	^
Summary C	Configuration Data
V mongo DD	Step 18 of 21
Installation will proceed with the following settings. Press Next to continue.	
Installation Type New installation	^
Installation Path	
Chosen Installation Packs	
Core files for Windows x86_64 (2008,7 and newer) Configuration files	
Windows service control files Service creation	
mongodb.service.creation=true component.node.name=MONGO01	
mongodb.dir.dbpath=T:\Sage\MongoDBComponent\data mongodb.dir.logpath=T:\Sage\MongoDBComponent\logs	
mongodb.dir.configpath=T:\Sage\MongoDBComponent\config mongodb.service.pott=27017	
mongodo.net.post=2.017	
mongodb.ssl.enable=true	
Inongouo.un.certs=1:Sage/MongoLBC.omponent/certs (Made with IzPack - http://izpack.org/)	~
PI	revious Next Quit

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Installation of Robo 3T to test your Mongo DB Deployment

Download ROBO 3T From https://robomongo.org/download

Connection string to connect to your Mongo DB instance

Connection	r sectings	
Connection	Authentication SSH TLS Advanced	
Type:	Direct Connection	`
Name:	New Connection	
Address:	SAGEX3SVR1 :	27017
From URI	Import connection details from MongoDB URI connection stri	ng



We can see the default databases admin & Local which suggests the installation is ok

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#### Installation of Apache 2.4.51

Download Apache from https://www.apachehaus.com/

#### Extract to C Drive Apache24

📇   🛂 📙 🕫	Manage	C-W2K19_Dtc_EN+FR_SQL2K19 (C:)				
File Home Share View	Drive Tools					
← → × ↑ 🏪 > This PC → C-V	V2K19_Dtc_EN+F	FR_SQL2K19 (C:)				
L-W2K19_Dtc_EN+FR_SQL2K19 (۱	Nam	ne	Date modified	Туре	Size	
EmpDB (D:)	*	Apache24	27/10/2021 11:06	File folder		
Software		EFI	14/11/2018 06:56	File folder		
SQLserver2019		logs	23/02/2021 13:07	File folder		
V12-2021R4		PerfLogs	22/04/2020 17:05	File folder		



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#### Open command prompt and navigate to C:/Apache24/bin

#### execute

httpd.exe -k install -n "Apache HTTP Server"

#### Apache service is installed

Q Services					
File Action View	Help				
(+ +) 🗊 🗐 🖸	3 🕞   🛛 📷   Þ 🔳 11 🕩				
Services (Local)	Name	Description	Status	Startup Type	Log On As
	🥋 Microsoft Edge Update Service (edgeupdate)	Keeps your Micro		Automatic (Delayed Start)	Local System
	A Microsoft Edge Update Service (edgeupdatem)	Keeps your Micro		Manual	Local System
	ActiveX Installer (AxInstSV)	Provides User Acc		Disabled	Local System
	AllJoyn Router Service	Routes AllJoyn m		Manual (Trigger Start)	Local Service
	Amazon SSM Agent	Amazon SSM Age	Running	Automatic	Local System
	Apache HTTP Server	Apache/2.4.51 (W	Running	Automatic	Local System
	App Readiness	Gets apps ready f		Manual	Local System
	Application Identity	Determines and v		Manual (Trigger Start)	Local Service
	Application Information	Facilitates the run	Running	Manual (Trigger Start)	Local System
	Application Layer Gateway Service	Provides support		Manual	Local Service

Administrator: Command Prompt

C:\Apache24\bin>httpd.exe -k install -n "Apache HTTP Server" Installing the 'Apache HTTP Server' service The 'Apache HTTP Server' service is successfully installed. Testing httpd.conf.... Errors reported here must be corrected before the service can be started.

#### Test Apache install by browsing to

	Ĭ	Ý	-		×
$\leftrightarrow$ $\rightarrow$ C $\triangle$ (i) localhost.85	Ħ	☆		* 4	:
Apps 🔇 X3 localhost				🗉 Read	ing list
An Apache Haus Distribution					l
Test Page for Apache Installation					
Apache/2.4 OpenSSL					- 1
This page is used to test the proper operation of the Apache HTTP server after it has been installed. If you can read this page, it means that the web server installed at this site is working properly, but has not yet been configured.					

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#### Installation of Elastic Search 7.11

Download the elastic search component from https://www.elastic.co/elastic-stack/

🛛 🗹 🔜 Sage						- I	× c
ile Home Share View							~ 0
→ → ↑ 📊 → This PC → Sage (T:) → Sage →				~ Č	Search Sage		Q.
	^	Name	Date modified	Туре	Size		
		ElasticSearch-7.11	27/10/2021 11:19	File folder			
WindowsApps		MongoDBComponent	27/10/2021 10:46	File folder			
WindowsPowerShell							
Zulu							
📃 zulu-8							
bin							

**Execute to install Elastic Search** 

REM Set the following variables to suit your environment set "mzNewServiceName=ElasticSearch 7.11" set "ES HOME=T:\Sage\ElasticSearch-7.11" set "JAVA HOME=C:\Program Files\Zulu\zulu-8" REM The following lines should not need to be changed cd /d "%ES HOME%\bin" set "ES PATH\_CONF=%ES\_HOME%\config" set "ES START TYPE=auto" set "SERVICE ID=%mzNewServiceName%" set "SERVICE\_DISPLAY\_NAME=%mzNewServiceName%" set "SERVICE DESCRIPTION=%mzNewServiceName%" elasticsearch-service.bat install ator: Command Promp

\Sage\ElasticSearch-7.11\bin>set "ES\_PATH\_CONF=%ES\_HOME%\config" \Sage\ElasticSearch-7.11\bin>set "SERVICE\_ID=%mzNewServiceName%" \Sage\ElasticSearch-7.11\bin>set "SERVICE\_DISPLAY\_NAME=%mzNewServiceName%" \Sage\ElasticSearch-7.11\bin>set "SERVICE\_DESCRIPTION=%mzNewServiceName%" \Sage\ElasticSearch-7.11\bin>elasticsearch-service.bat install iture versions of Elasticsearch will require Java 11; your Java version from [C:\Program Files\Zulu\zulu-8\jre] does not meet this requirement. Consider switch ig to a distribution of Elasticsearch with a bundled JDK. If you are already using a distribution with a bundled JDK, ensure the JAVA\_HOME environment variable is not Set. stalling service : "ElasticSearch 7.11" ing JAVA.HOME (64-bit): "c:\Program Files\Zul\\zulu-8" nring: wilt JDK 8 on Mindows, ElasticSearch may be unable to derive correct ergonomic settings due to a JDK issue (JDK-8074459). Please use a newer gonomic settings due to a JDK issue (JDK-8074459). Prease dise a nemer rsion of Java. ing: MaxDirectHemorySize may have been miscalculated due to DDK-8074459. ease use a newer version of Java or set MaxDirectHemorySize explicitly. .networkaddress.cache.ttl=60;-Des.networkaddress.cache.negative.ttl=10; xX:+AlwaysPreTouch;-Xss1m;-Djava.awt.headless=true;-Dfile.encoding=UTF-8;-Djna.nosys e;-XX:-OmitStackTraceInFastThrow;-Dio.netty.noUnsafe=true;-Dio.netty.noKeySetOptimization=true;-Dio.netty.recycler.maxCapacityPerThread=0;-Dio.netty.allocat umDirectArenas=0;-Olog4j.shutdownHookEnabled=false;-Dlog4j2.disable.jmx-true;-Djava.locale.providers=SPI,JRE;-XX:+UseConcMarKSweepGC;-XX:CMSInitiatingOccupa raction=75;-XX:+UseCKSInitiatingOccupancyOnly;-Djava.io.tmpdir=C:\Users\X:admin\AppData\LocalYtemp>Lasticsearch;-XX:+HesDDumpOnOutOfHemory:r=or;-XX:HeapDum Hodata;-XX::ForroFile=logSrhs\_err\_pId\$p.log;.XX:+Print6CDateStamps;-XX:+PrintFouringDistributios\_TX:+Print6CApplicationStopEdTime;-XIo logs/gc.log;-XX:+UseGCLogFileRotation;-XX:HumberOfGCLogFiles=32;-XX:GCLogFileSize=64m;-Xmx1024m;-XX:MaxDirectMemorySize=536870912 service 'tlasticSearch\_7.11' has been installed. \Sage\ElasticSearch-7.11\bin>\_

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Test elastic search is installed and running by browsing to the following URL



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}

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#### Installation of ADXADMIN component

#### Launch

"F:\X3Installs\AdxAdmin\adxadmin-93.2.50.jar"

Secce     Sece     Sece <th>🐉 IzPack - Installation of Sage Safe X3 AdxAdmin</th> <th>- 🗆 🗙</th>	🐉 IzPack - Installation of Sage Safe X3 AdxAdmin	- 🗆 🗙
Sect the installation path: T:Sign/SecO(JUXUDHIN  Met with laffae: High ingeas org) Previors Net Quit  Upter - installation of Sign Self 3 AddAtion Target A this Target	sage	Target Path Step 4 of 10
Sect the installation path:  TriSogriSofOSULOXIDHIN   Revous  Next Out  Revous  Revous Revous  Revous  Revous Revous Revous Revous Revous Revous Revous Revous Revous Revous Revous Revous Revous Revous Revous Revous Revous Revous Revous R		
Mees with laffweit - High lagesk way?   Previous: Next: Quit   Integet Path   Seece:   Seece:   Previous: Next: Quit   Integet Path   Seece:   Integet Path   Seece:   Integet Path   Seece:   Integet Path   Seece:   Integet Path   Previous: Next: Quit   Integet Path   Previous: Next: Quit Previous: Next:	Select the installation path: T:\Sage\SafeX3\ADXADMIN	Browse
Mede with lafkes - High lingues org Previous Versit		
Interview       Image to this         Select the installation path:       Image to this         TrisagetSafeC3VADADMIN       Image to the installation path:         Image with tables - http://tipask.org)       Previous         Image to the installation of Sage Safe X3 Addu/dmin       Image to the installation of Sage Safe X3 Addu/dmin         Secore       Image to the installation progress:         Image to the installation progress:       Image to the installation progress:         Made with tables - http://tipask.org)       Image to the installation progress:         Image to the installation progress:       3/3	(Made with IzPack - http://izpack.org/)	Previous Next Quit
Select the installation path:   T:Soge(SafeC)(ADXADMIN     Mase with IsPase - http://tapask.org/     Previous     Next     Overall installation progress:	🎳 IzPack - Installation of Sage Safe X3 AdxAdmin	- 🗆 X
Select the installation path: T: (Sage)Safe(SVADMADHIN  Browse  Medwith (bPack - http://tgack.org)  Previous  Previous Previous Previous Previous Previous Previous Previous Previous Previous Previous Previous Prev	sage	Target Path Step 4 of 10
(Made with UPTack - http://tigsack.org/ Previous Next Quit	Select the installation path: T:\Sage\SafeX3\ADXADMIN	Browse
	(Mede with IzPack - http://izpack.org/)	Previous Next Quit
Pack Installation progress:  Finished  Overall Installation progress:  3/3  (Made with UPack - http://tgaak.org)	🔐 IzPack - Installation of Sage Safe X3 AdvAdmin	_ <b>-</b> □ _¥_
Pack Installation progress:	sage	Installation Step 8 of 10
Pack instalation progress:  [fmshod] Overal instalation progress: 3/3  (Mase with lsPack - http://tipack.org)		
Preck instalation progress:     (Finshed)     Overall instalation progress:     3/3  (Made with loPed- http://tgaak.org)		
Overal Installation progress: 3/3 (Mede with LPBeck - http://tzpack.org)	w Pack Instaliation progress: [Finished]	
(Made with IsPeck - http://opack.org)	Overal installation progress:     3/3	
(Made with IsPack - http://tapack.org)		
Descione Hunt One	(Made with IzPack - http://izpack.org/)	

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#### Installation of Safe X3 Runtime component

Launch

"F:\X3Installs\Runtime\runtime-93.2.50.jar"

IzPack - Installation of Sage Safe X3 Runtime Component	- 🗆 X
sage	User Data Step 5 of 1:
Component Name	
Component name X3V12	
Please select runtime type	
Main process server	
O Process server	
<ul> <li>Test processing engine</li> </ul>	
lade with IzPack - http://izpack.org/)	
• • •	Previous Next Quit
sage	Target Pa Step 6 of
i Select the installation path:	5.5
:\Sage\X3V12\runtime	Browse
Made with IzPack - http://izpack.org/)	Previous Nevt Ouil

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sage	Summary Configuration Dat Step 8 of 1
nstallation will proceed with the following settings. Press Next to continue.	
Installation Type	
New installation	
Service creation	
component.node.name=X3V12	
component.node.type=MAIN	
component.node.type=MAIN	
component.node.type=MAIN	
Installation Path	
t\Sage\X3V12\runtime	
Chosen Installation Packs	
Sale X3 Runtime Base files for Windows X04	
Sale AS Kuthine Service nes for windows A04	
E dia filos	
Minde with Influence laws Manager and	
function with the most - units such and a little of the li	Dravious Novt Out
	Previous Next Quit

#### Installation of Sage X3 Application component

#### Launch

"F:\X3Installs\Application\x3-application-12.0.25.jar"

IzPack - Installation of sage As Application Component	U	×
Sage	tallation Step 4	Type of 13
Please choose the type of installation:		
New installation		
O Modify installation		
(Made with IzPaok - http://zpaok.org/) Previous Nex	t Qu	it



50	ye				User Da Step 5 of
С	Component	Name			
Co	mponent name X3V12	2			
/ade with IzPack	- http://izpack.org/)				
				Previous	Next Quit
lzPack - Installa	tion of Sage X3 Application	1 Component			
62					licor
JC	JC				Step 6 o
I	nstallation	Directory			
You ma ser	u can choose between a anaged by this server, o ver or a NAS, in which c	a 'Standard' installation i or 'Network' in the case of case a symbolic link to t	in the case where the where the target is a m his share will be create	target is an NTFS volun etwork share on anoth d on the local server an	ne er d
USE	ed as a target.				
Ch	<ul> <li>Standard: on a loc</li> </ul>	ation cally managed NTFS vol	ume		
	O Network: on a net	twork share (with creation	on of a local symbolic	ink)	r that
eve witi net	ery core component (D h shortest network path twork-related performan	atabase, Application, Ru h to get highest possible nce issues may occur ar	throughput AND low throughput AND low ad solution may not b	d in the same datacent est possible latency. If r e usable.	er not,
lade with IzPack	- http://izpeck.org/)				
				Previous	Next Qu
zPack - Installa	tion of Sage X3 Application	n Component			- 0
Sa	ige				Target I Step 8 d
Select the in	stallation nath:				
Sage\X3V12	folders				Browse.

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IzPack - Installation of Sage X3 Application Component	– 🗆 X
sage	Installation Step 12 of 13
Pack installation progress:	
Finished]  Overall installation progress:	
1/1	
Made with IzPack - http://izpack.org/)	Previous Next Quit
1 hBack - Jostallation of Same Safe V3 SOI Server Commonwel	¥
sage	User Data Step 4 of 9
Component Name	
Component name X3V12	
(Made with IzPack - http://izpack.org/)	
	< Previous 🗼 Next 🔯 Quit

#### Installation of Sage X3 SQL Component

Launch "F:\X3Installs\DbSQL\db-sql-2.0.0-win.jar"

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Seece     Component Name     Component name <th>🍰 IzPack - Installation of Sage Safe X3 SQL Server Component</th> <th></th> <th>_</th> <th>□ ×</th>	🍰 IzPack - Installation of Sage Safe X3 SQL Server Component		_	□ ×
Component Name         Component name         Component name         X3V12             Made with IsPasi- http://tgsak.org)             Ispace           Ispace     Installation of Sage Safe X3 SQL Server Component           Ispace     Ispace        (Made with IsPace - http:/(tgsak.org) (Made with IsPace - http:/(tgsak.org)	sage			User Data Step 4 of 9
Component name X3V12 (Mede with IsPed- http://tgaak.org) Previous Previous Previous Select the instalation path: t(Sage(X3V12)/database (Made with IsPed - http://gaak.org) Previous Previous (Made with IsPed - http://gaak.org) Previous Previous (Made with IsPed - http://gaak.org)	Component Name			
(Made with IzPack - http://izpack.org/) Previous Previous Next Quit IzPack - Installation of Sage Safe X3 SQL Server Component See Sage Safe X3 SQL Server Component Sage Safe X3 SQL Server Component Safe Safe X3 SQL Serve	Component name X3V12			
Previous     Next     Quit     Installation of Sage Safe X3 SQL Server Component     Seece the installation path:     Select the installation path:     (Sage VX3V12\database     Browse	(Made with IsPack - http://ispack.org/			
BPack - Installation of Sage Safe X3 SQL Server Component     C     X     Select the installation path:     thy Sage VX3V12 \database     Browse		< Previous	🌳 Next	🙁 Quit
Select the installation path:  (Kage \X3V12\database  (Made with IsPack - http://ispack.org/)  (Made with IsPack - http://ispack.org/)   Previous  Next  Count	IzPack - Installation of Sage Safe X3 SQL Server Component		-	Target Path Step 5 of 9
(Made with IzPaok - http://izpack.org/)	Select the installation path:			
(Made with IsPask - http://ispack.org/)	\$\Sage\X3V12\database			Browse
(Made with IsPack - http://izpack.org/)				
	(Made with IzPack - http://izpack.org/)	< Previous	🔶 Next	🙁 Quit

#### Installation of Sage X3 management Console

launch

"F:\X3Installs\Console\console-2.49.0.28-win.jar"

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👬 IzPack - Installation of Sage X3 Management Console	- □ <u>×</u>
sage	Target Path Step 4 of 11
Select the installation path: T‡ISage\SafeX3\Console	Browse
Made with IsPack - Min (Strack con)	
	Previous Next Quit
IzPack - Installation of Sage X3 Management Console	- 🗆 X
sage	Perform External Processes Step 8 of 11
Processing	
1/1 Microsoft .Net framework 4.7.2 is already installed	
(Made with IzPack - http://izpack.org/)	Previous Next Quit
🕷 IzPack - Installation of Sage X3 Management Console	×
sare	Perform External Processes
Jage	Step 8 of 11
Processing	
Microsoft .Net framework 4.7.2 is already installed	
(Made with IzPack - http://izpack.org/)	Previous Next Quit

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#### Installation of the Print Server component

"F:\X3Installs\PrintServer\print-server-2.22.0.9-win.jar"

	- 🗆 X
sage	<b>User Data</b> Step 4 of 12
Component Name	
Component name EDTSRV	
(Made with IzPack - http://izpack.org/)	
	Previous Next Quit
IzPack - Installation of Sage Safe X3 V2 Print Server  Sage	- C X Target Path Step 5 of 12
Select the installation path: \$\\$age\SafeX3\EDTV2\EDTSRV\srvedit	Browse

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sage	User I Step 7 d
Select Odbc driver(s) to be installed	
Sage X3 PrintServer uses an ODBC connection to access the database server. You must install the ODBC driver corresponding to your ERP X3 database.	
To enable SAGE X3 PrintServer to connect to a MS SQLServer database	
✓ Instal ODBC Driver 17 for SQLServer	
(Will update the current ODBC Driver 17 with the version 17.7.2.1)	
To enable SAGE X3 PrintServer to connect to an Oracle database	
□ Instal Oracle Instant client 19 and ODBC drivers	
de with IzPack - http://izpack.org/)	



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Mease read the following information:         This server should be restarted when possible as during this install/upgrade operation,         Microsoft components may have been installed or updated that require a restart.	💣 IzPack - Installation of Sage Safe X3 V2 Print Server —	
Please read the following information: This server should be restarted when possible as during this install/upgrade operation, Nicrosoft components may have been installed or updated that require a restart.           Weak with LPack - http://tpack.org/	sage	Information Step 11 of 12
This server should be restarted when possible as during this install/upgrade operation, Nicrosoft components may have been installed or updated that require a restart.	Please read the following information:	
Microsoft components may have been installed or updated that require a restart.	This server should be restarted when possible as during this install/upgrade operati	on,
(Made with IzPaok - http://tzpaok.org)	Microsoft components may have been installed or updated that require a restart.	
(Made with LPack - http://lzpack.org)		
(Made with IsPack - http://izpack.org/)		
(Made with IzPack - http://tzpack.org/		
(Made with IzPack - http://tzpack.org/)		
(Made with IzPaok - http://tzpaok.org) Previous Next Ouit		
(Made with IzPack - http://izpack.org) Previous Next Quit		
(Made with IsPack - http://izpack.org/) Previous Next Quit		
(Made with IzPack - http://izpack.org/) Previous Next Ouit		
(Made with IzPack - http://izpack.org/) Previous Next Ouit		
(Made with IsPack - http://spack.org/) Previous Next Out		
(Made with LtPack - http://izpack.org) Previous Next Ouit		
(Made with IzPack - http://izpack.org/) Previous Next Ouit		
(Made with IzPack - http://izpack.org/) Previous Next Ouit		
Previous Next Quit	(Mada with InBack , http://izpack.com)	
	Previous	ext Ouit

## Configuration of Sage X3

Configure solution in the Sage X3 management Console

#### Login with X3 admin



sage

Enter parameters for deployment and configuration of the solution

X3 Sage X3 Configuration Console - CFG.2.52	2.0.14			_	пх
Concelo Solutions Astions View Tools	2				
Console Solutions Actions view Tools		aa — 🏊			
Welcome New Import a solution Delete	Data - Application Runtimes Database scripts	Linked servers Folders			
Solutions	🔚 Save 🛛 📔 Configure Database 🛛 🙀 Configu	re Application 🛛 🏠 Web publication 🛛 🐹 Unconfiguration 🛛 😴 Refresh 😗 Help			
T T T T T T T T T T T T T T T T T T T					
Sage X3 on sagex3svr1 [ID X3V12]     Sagex3svr1 - X3V12     sagex3svr1 - X3V12	🔞 Data - Application				X3V12 Port number:
sagex3svr1 - X3V12 (MAIN - )	Data server SQLSERVER on sagex3svr1		Idle Expert mode	<b>B</b>	
	Parameter	Value			
	Component version	B090			
	Db login	50			
	Instance sysadmin user password				
	Password for X3 folders schemas	•••••			
	SQL Server instance name	SAGEX3			
	Database name	sagex3db			
	DBMS version	15			
	DBMS tools installation path	E:\Program Files\Microsoft SQL Server\150\Tool			
	ODBC tools path	E:\Program Files\Microsoft SQL Server\Client SDK\ODBC\170\Tools			
	Data directory path	t:\Sage\X3V12\database\data			
	Scripts directory path	t:\Sage\X3V12\database\scripts			
	Transactions log directory path	t:\Sage\X3V12\database\log			
	Data file initial size	400			
	Transaction log file initial size	200			
	Application server Sage X3 on sagex3svr1		Idle	ð 🚹	
	Parameter	Value			^
	Apache installation path	C:\Apache24			
	■ Version	R090			
	linstallation path	t:\Sage\X3V12\folders			
	Al - statut	004			>
	- 		Idle	ð <b>(</b> )	
	Parameter	Value			Int
Sage X3 Print Server	€Version	R094.001.00009			
Core V2 Webseries and ADC Cores	■Installation path	t:\Sage\X3V12\runtime			
Sage A3 webservice and ADC Server	Sage X3 service port number	20100			
Sage X3 Business Intelligence Server	User login for the Sage X3 service	x3run			
Sage X3 Java Bridge Server	User account password				
Sage X3 AdxAdmin Administration Server					
Sage X3 Documentation Server (V6 only)					>
0	≒ sagex3svr1 (1895) - x3admin			Runtime : sage	x3svr1 / X3V12:

#### Save and Configure database



Configuration type
Choose the configuration type
Full configuration

Press ok when operation completes

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Ke Configuration	- 🗆 X	
Database configuration		
<ul> <li>✓ Operation completed.</li> <li>⑦ Help</li> </ul>	Details >> Close	
Progression Parameter Trace Action ✓ Parameter loading ✓ Script generation ✓ Script transfer ✓ Prerequiste checking ✓ database_CrDb bat ✓ Checking the database ✓ Updating the adxinstall file ✓ Solution update	Status Successful completion Successful completion Successful completion Successful completion Successful completion Successful completion Successful completion	Message X i Operation completed. OK E

#### Configure application



#### Press yes



#### Check the progress on the trace tab



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Press ok when the configuration is complete.

Configure web application



Press ok when the operation is complete.

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#### Configure solution in Syracuse

← → C ☆ ③ localhost:8124/syracuse-m	ain/html/main.html?url=htt	tp%3A%2F%2Flocalhost%3A8124%2Fsdata%	2Fsyracuse%2Fcollabora	ation%2Fsyracuse%2F%24workingCo	pies(%27fef77576-d91b-4eb8	-b67b-fad3a60bbbfa%27)%	3Frepresentation%3Dx3solutio	on.%25 🛧	۰ 🖈	😩 E
Apps S X3 localhost									E R	Reading list
sage X3					Super administrato	r Super administrator	Syracuse administration	⑦☆	, Ø	Q
All $>$ Administration $>$ Administration $>$ Endpoints										Default +
X3 solution x3V12									Ac	
Information Servers Runtimes	Endpoints									
Code *	Description *			Solution name *			-	Save		
X3V12	X3V12		1	X3V12				Check main r	untime sett	ings
Code	Friendly name			The X3 solution name						
Solution root directory	Application *							Check all serv	rers settings	s
	X3 ERP		Q					X3 runtime u	sage	
	Application and	contract identify a service						Y2 solutions		
Servers							~	Help		
Main server host +	Main server n		Web server bost		Web server port			Construction		
carey3cvr1	indir server p	20100					8080	Create enopo	ints	
Physical server name or IP address for main application	server The main applic	ation server port	If different from "Main	server host"			0000	Synchronise r	untimes	
	Certificate		Batch S	erver						
Use Http proxy configuration			Q X3V12							
	Certificate used for authentic	ation on these servers	X3 batch	controller						
BO Server			Sage X3	Cloud Development Platform URL	XTreeM set	vice URL				
		C Enable application cluster								
Configure Business Objects server		Enabling this option requires a dedicat	ed prelimi							
SQL service MongoDB service										
		ч								
Buntimes										
Buntimes										
+										
Server host Server	port Tag	s Tag exclusive	Ban time	eout Blacklisted	Auto config	Disabled				
sagex3svr1	20100			5		~				
X3 runtimes										
Parallel jobs by runtime during update										
	0									
Parallel jobs by runtime during update										
Endpoints							^			
Endpoints										
x2/12 / X2										
ASTIZ 7 AS										
								🛠 Unpin		

#### Create X3 Endpoint

🗧 🔆 🔿 😋 🕜 localhosts 124/syracuse-main/html/main.html?url=http%3A%2F%2Flocalhost%3A8124%2Fsdata%2Fsyracuse%2Fcollaboration%2Fsyracuse%2FendPoints(%27243da872-a2b8-4e1b-868b-a6ef580bb9d7%27%3Fsepresentation%3DendP	pint.%2524	details 🖈 🗷 🕏 🛔
III Apps \$ X3 localhost		E Reading lis
Sage X3 Super administrator Super administrator Super administrator Systexus admi	istration	⑦☆↓ ∅ Q
AT > Administration > Administration > Endpoints		Default
Endpoint xsviz/xs		
Information Location Server parameters Administration	_	<b>7</b> 15
Information	^	Lait
Name Description		Set as default endpoint
X3V12_X3 X3V12_X3		Check server settings
· · ·		Check help base URL
Location	^	Update menu profile mappings
Application		Undate profession code mapping
X3_ERP : Antication and incertain identify a service		about h anana ana haifi a
		Personalisations and Menus initi.
Server parameters	~	Finish X3 installation
X3 solution Server folder Reference folder Historical folder		Refresh
<u>x3V12</u> x3 x		Delete
X3 solution settings it this endpoint connected to a hits		Endnoints
ilhe ueh neve ove		
		нер
Administration	~	Excel report
Groups		
Super administrators		
Menu profiles to roles mapping Roles to profession codes mapping		
Menu profile Role Profession code Role		
No data to display No data to display		
Associate X3 menu profiles with roles Associate roles with X3 profession codes		
Associate X3 menu profiles with roles Associate roles with X3 profession codes		

#### Perform personalization and menu initialization

Navigate to the X3 Endpoint & in the right menu click Personalization and menu initialization

Press Yes on the information message

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sage X3	Super administrate	or Super administrator Syracuse administra	tion ? \$ , Q
AB > Administration > Administration > Endpoints			Default +
Endpoint x3v12/x3			
Information Location Server parameters Administration ? Personalisations	and Menus initialisation $\times$		
Information		,	Edit
Name Description Caution : This action will re-	et the menus and nersonalisations with		Set as default endpoint
X3V12_X3 X3V12/X3 original factory values.lt m	st be done only after the execution of a		Check server settings
new Application componen the changes does by the st	setup.Otherwise you could overwrite		Check help base URL
Location applied.	tuaru upuates that you toulu have	/	Undate menu profile mannings
Application			a hard man h and a shirt of
X3 ERP			Update profession code mappings
Application and contract identity a service	Yes No		Personalisations and Menus initi
Server parameters		,	Finish X3 installation
X3 solution Server folder	Reference folder	Historical folder	Refresh
<u>X3V12</u> X3		×	Delete
X3 solution settings		Is this endpoint connected to a hist	Enderstan.
Type Melp Base URL			Enapoints
			Help
Administration		,	Excel report
Groups			
Super administrators			
Menu profiles to roles mapping Roles to profession codes mapping			
Menu profile Role Profession code Role			
No data to display No data to display			
Associate X3 menu profiles with roles Associate roles with X3 profession codes			

sage X3			Ø 1	Super administrator	Super administrator	Syracuse administration	②☆、∅
> Administration > Administration > Endpoints		0.000		*			Defa
ndpoint x3v12/x3			20%				Action
Information Location Server parameters	Administration	Job title	initialisation				
Information		Phase	Import file 1-erp-menus.json			^	Edit
Name	Description	Start date	2//10/2021				Set as default endpoint
X3V12_X3	X3V12 / X3	Elapsed seconds	3				Check server settings
		Import file 1-en	p-menus.ison				Check help base URL
Location		Import done, 24	4 object(s) were created, 6 object(s)			^	Update menu profile mappin
Application		were modified, 0 e	irrors				Undets and an inclusion
X3 ERP	I	Import file 0-er	p-init.json				opuate profession code mapp
pprovide and consider rationy of sectors							Personalisations and Menus i
Server parameters						^	Finish X3 installation
X3 solution	Server folder		Reference folder	His	torical folder		Refresh
<u>(3V12</u>	X3			×	his endopint connerted to a	hier	Delete
Type Help Base URL							Endpoints
							Help
Administration						^	Excel report
Groups							
Super administrators							
Menu profiles to roles mapping Roles to profession	codes mapping						
<u> </u>	<u></u>						
Menu profile Role Profession code	Role						
No data to display No data to dis	play						

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Sa	g	e

Appa Jonecamore								0		E Kes	aing
sage X3			_	Ø	Super administrator	Super administrator	Syracuse administration	(?)	ध्र -	. @	(
Administration > Administration > Endpoints			•	100 % 🛍 🗎 👯	-					De	auf
huponic x3vi2/x3			Job title	Personalisations and Menus						Actio	
Information Location Server para	meters Administration		Phase	Completed	-						
Information			Start date	27/10/2021			^	Edit			
Name	Description		Start time	14:24				Set as i	lefault en	dpoint	
X3V12_X3	X3V12 / X3		Elapsed seconds	84				Check	lerver sett	tings	
1 +1			Remaining seconds	0				Check	nelp base l	URL	
Location			1mport done, 652	27 object(s) were created, 0			^	Update	menu pro	ofile mapp	ng
Application			object(s) were mod	ified, 0 errors				Update	e professio	on code ma	ppi
AD ERP Application and contract identify a service			Import done, 104	object(s) were created, 218				Perron	alizations	and Manu	
			object(s) were mod	ified, 0 errors				- CTAON	anautrona	und mente	
Server parameters			Import file 3-erp	-homepages.json +	-		^	Finish	(3 installa)	tion	
X3 solution		Server folder		Reference folder	н	istorical folder		Refres	a l		
<u>K3V12</u>	1	X3			34 Is	this endopint connected to a	bist.	Delete			
Type Help Base URL								Endpoi	nts		
								Help			
0. d								Excel n	eport		
Rummstration							~				
Sugar administrations											
Menu profiles to roles mapping Roles to -	profession codes mapping										
**************************************	*										
Menu profile Role Professi	on code Role										
No data to display No dat	a to display										
Associate X3 menu profiles with roles Associate	oler with ¥2 profession codes										

#### Log out of X3 when the process completes

#### Installation of Supervisor component

#### Log into Sage X3, switch to the X3 endpoint

#### And navigate to Parameters, Users, Users

sage X3 🛗				Super ad	Iministrator Super administrator X3V12 / X	° ☆ <b>, X</b>
A/R accounting manager	A/R accou	Menu Q Search in th	e Navigation menu		0 of 0 V A	apse all Expand all
Workshop manager	KEVINEOBUATION	Administration	A Parameters			
Planning manager	KET INFORMATION	Administration				
Executive	CUSTOMERS EX	Development				^ .
Product design	The WF	Parameters	Users	User function profile	Functional profile	
Workshop manager		Common Data	User menu profile	Professional profile	Access codes	
System Administrator	A/R ACCOUNTIN	Declarations	Row level permissions	Directory		
Service Manager	A/R Acc	Usage	△ Destinations			^
Buyer		Printouts	Destinations	Destinations by user	Archiving rules	
Design/methods manager	Unposted Sa	Translations	Archiving parameters	Print code	Default values	
Stock manager	Unposted Ci		~ Workhow			
Planning manager			User rules of assignment	User assignment Workbench parameters	User delegates Manual workflow	
Material buyer			Notifications	monocrear parallicters	manual working	
Warehouse manager						
Sales executive	4					^
Controller			Folders Control tables	Parameter values	Sets of values	
Matadalhandlar			Local menus			
Wateriai handler			Local menus	Structures	Data	

#### Press ok on the next message to install the supervisor component



sage X3 m		Super administrator	Super administrator	X3V12 / X3	0 4.	0
	Message d'information (3)	×				
	The supervisor will complete its installation. This operation may take a few minutes					
	ok					
← → C ① localhost:8124/syracuse-main/html/main.html?url=9	%2Ftrans%2Fx3%2Ferp%2FX3V12_X3%2F%24sessions%3Ff%3DGESAUS%252F2%252F%252FM%252F%26profile	%3D~(loc~%27en-G8~role~%2716a53a	8a-4973-48e8-a9f8-afc6f30	a5172~ep~%27243d		* 2
$\dot{\tau} \rightarrow C \dot{\Omega}$ ( $0$ localhost8124/syracuse-main/html/main.html?url=9 Happs S X3 localhost	N2FtransN2Fc3N2FerpN2FX3V12_X3N2FK24sessionsN3FFK3DGESAUSN252F2N252FN252FN4N252FK26profile	%3D~(loc~%27en-GB~role~%2716a53a	8a-4973-48e8-a9f8-afc6f30	a5172~ep~%272430	🔉 🖪	🗯 🚨
	N2FtrantN2Fx3N2FerpN2FX3V12_X3N2FN24tessionsN3FN3DGESAUSN252F2N252FN252FN4N252FN265profile	%3D~(loc-%27en-G8~role-%2716a53a Super administrator	8a-4973-48e8-a9f8-afc6f30 Super administrator	a5172~ep~%272430 x3v12/x3	∟ ☆ . ) ☆ ,	Reading I
← → C △ ○ locahest8124/syracuse-main/html/main.htmlfurl=9           Apps         S X3 locahest           SAGE         X3	N2FtransN2Fx3N2FxpN2FX2V12_X3N2PN24sessionsN3FN3DGESAUSN252F2N253FN253FNN5252FN253FNN5252FN253FNN5252FN253FNN5252FN253FNN5252FN253FNN5252FN253FNN5252FN253FNN5252FN253FNN5252FN253FNN5252FN253FNN5252FN253FNN5252FN253FNN5252FN253FNN5252FN253FNN5252FN253FNN5252FN253FNN5252FN253FNN5252FN253FN	%3D-(loc=%27en-G8-role=%2716a53; Super administrator	8a-4973-48e8-a9f8-afc6f30 Super administrator	a5172~ep~%27243d x3v12 / x3	☆	Reading I
← → C ∩ (○ locahost/3124/syscure-main/html/main.tem/hul+1 # Apps S X3 locahost           SAGE         X3	N2PrantN2Fx3N2FerpN2FX2V12_X3N2PN24sessionsN3FM3D0E5AU5N252F2N253FN4525FN4532FN4532FN252FN4532FN4532FN4532FN454 Default - Installation superviseur ③ ×	%3D-Qoc-%27en-GB-role-%2716a53z Super administrator	8a-4973-48e8-a9f8-afc6f30 Super administrator	a5172~ep-%27243d	L. ☆ .	<ul> <li>Reading I</li> <li>(a)</li> <li>(b)</li> <li>(c)</li> </ul>
€ → C û © localhost.3124/syracuse-main/html/main.htm	N2Franch2Fr3N2FerpN2FX3V12_X3N2FN24sessionsN3FN3D025AU5N252F2N252FN45232FN45232FN252FN45232FN252FN45232FN252FN Installation superviseur ② × Please wait	943D–Goc=9427en-G8=role=942716a53a Super administrator	8a-4973-48e8-a9f8-afc6f30 Super administrator	a5172~ep~%27243c x3V12 / x3	L ☆ . ) ☆ +	Reading I
€ → C û (0 localhost.3124/syracuse-man/html/main.html/min1 ∰ Apri S X3 solition Sage X3 mi	N2FransN2Fx3N2FerpN2FX3V12_X3N2FN2AsessionsN3FM3DGESAUSN2S2F2N2S2FM2S2FMN3252FN2S2FM3ES2FM3ES2FN2S2FM3ES2FN2S2F Installation superviseur ② × Please wait	943D–Qoc=9427en-G8=role=942716a53a Super administrator	8a-4973-48e8-a948-afc6430 Super administrator	a5172~ep-%27243d		Reading I
€ → C û © localhott3124/syracuse-man/html/main.html/uni=1 ∰ Apri S X3 salhort Sage X3 ≣	N2Franc%2Fx3N2Ferp%2FX3V12_X3N2F%26eeeene%3F%3DGE5AU5%252F2%253F%252FM%253F%26profile  Default  Please wait	943D–Qoc-9427en-G8-role-942716a53a Super administrator	8a-4973-48e8-a976-afc6f30 Super administrator	a5172-ep-%27243c	L ☆ ■	Reading L
← → C △ ③ locahott3124/syracuse-man/html/main.html/utis/ # App 5 X3 bahart           Sage X3 Ⅲ	N2Franch2F43N2Ferph2FX3V12_X3N2F924eessonsN3FM3D0E5AU5N252F2N252FN252FMN253FMN253FN252Fn26eprofile	%3D={oc=%27m-G8=role=%2716a53	8a 4973-40e0-4050-4060-4060 Super administrator	a5172-ep-%27243	∟ ☆ ■	Reading 1
← → C ∩ (○ locahost B124/syracuse-main/html/main.html/utis/ # App 5 X3 tablest           Sage X3         ■	N2FrancK2Fr3N2FerpK3F733V12_J3N2Fh2Heasons/N3FM3D0E5AU5N252F2N252FN252FMN253FNA553FN252Fn2Feprote Installation superviseur ② × Please wolt	%3D={oc=%27en-G8=role=%2716a53	8a 4973-40e0-4050-4050-000 Super administrator	а5172-ер-%27243 хамта / ха	⊢ ☆ ■	Reading 1
← → C () () locahost B124/syracuse-main/html/main.html/utish App 5 K3 bachost           Sage         X3	N2FrancK2Fr3N2FerpK2FX3V12_X3N2Fh24eessonsN3Fh3DGE5AU5N252F2N252FN252FHA533FN25profile	%3D={oc=%27en-68=role=%2716a53	lla 4973-40e0-4960-416610 Super administrator	a5172-ep-%272436	- ☆ ■ ) ☆ *	Reading L
	N2FrankS2F33N2FerpS2F33V12_33N2Fh24eessonsN3Fh3DGE5AU5N252F2N252FN252FHA533FN25eprote	%3D-Goc-%27en-G8-rola-%2716a53	lla 4973-40e0-4960-416610 Super administrator	15172-ep-%27454	☆ ■ ) ☆ +	Reading L
	N2FrankS2F33N2FerpN2F33V12_33N2Fh24eessonsN3Fh3DGE5AU5N252F2N252FN252FHA523FN252FN252FHA523FN252FN252FN4523FN252FN252FN4523FN252FN4523FN252FN4523FN252FN4523FN252FN4523FN252FN4523FN252FN4523FN252FN4523FN252FN4523FN252FN4523FN252FN4523FN252FN4523FN252FN4523FN252FN4523FN252FN4523FN252FN4523FN252FN4523FN252FN4523FN4523FN452FN45 Installation superviseur ③ × Please wait	%3D-Esc=%27en-68=rola=%2716a53	lla 4973-40e8-4978-416410 Super administrator	u5172-ep-%27484	- ☆ ■ ) ☆ -	Reading I
<ul> <li>         ÷ C () (© locahost 1/12/kyracuse-main/html/main.html/uti-*         Age S clashot</li> <li>Sage X3 ()     </li> </ul>	N2FrankS2F33N2FepS273V12_33N2Fh24eessonsN3Fh3DGESAUSN252F2N252FN252FHA523Fh252Fh4523Fh252Fh252Fh4523Fh252Fh252F	%3D-Esc-%27en-68-role-%2716a53	lla 4973-40e8-4978-416450 Super administrator	и\$172-ер-%27884 хомла / ха	. ☆ ■ ) ☆ -	Reading

Once installation completed, we can open the Sage X3 management console & the X3 folder is now visible.

Sage X3 Configuration Console - CFG.2.5	52.0.14			
Console Solutions Actions View Tool	ls ?			
Welcome New Import a solution Delete	Data - Application Runtimes Database sc	rpts Linked servers Folders		
Solutions	📓 Save 📄 Configure Database 👔 Con	rfigure Application 🛛 🏠 Web publication 🛛 🕅 Unconfiguration 🛛 🤔 Refresh 😗 Help		
F F X 2 0				
Sage X3 on sagex3svr1 [ID : X3V12]     Sagex3svr1 - X3V12     sagex3svr1 - X3V12	🞯 Data - Application			X3V12 Port number: 20100
X3	Data server SQLSERVER on sagex3svr	1	Active Active Expert mode	8 0
	Parameter	Value		^
	Component version	R090		
	Db login	58		
	Instance sysadmin user password			
	Password for X3 folders schemas			
	SQL Server instance name	SAGEX3		
	Database name	sagex3db		
	DBMS version	15		
	DBMS tools installation path	E:\Program Files\Microsoft SQL Server\150\Tool		
	ODBC tools path	E:\Program Files\Microsoft SQL Server\Client SDK\ODBC\170\Tools		
	Data directory path	t:\Sage\X3V12\database\data		
	Scripts directory path	t:\Sage\X3V12\database\scripts		
	Transactions log directory path	t:\Sage\X3V12\database\log		× .
	Application server Sage X3 on sagex3sv	1	Active Active Expert mode	8
	Parameter	Value		
	Anache installation nath	C\Anache24		
	Version	B090		
		I:\Sace\X2V12\folders		
		PRM		
	Main runtime sagex3svr1		Active Active Expert mode	ð <b>(</b> )
	Parameter	Value		
	@Version	8094 001 00009		
	Installation nath	t-\Sana\X3\/12\nintime		
	Sare X3 reprice port number	20100		
	User Jooin for the Sage X3 service	rânn		
	User account password	Nutur:		

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Sage X3 Configuration Console - CFG.2.5	2.0.14							-		$\times$
Console Solutions Actions View Tool	s ?									
Welcome New Import a solution Delete	Data - App	Dication	Runtimes Datab/	ase scripts Lini	ked servers	Folders				
Solutions	import 😸	📑 Бкр	ort 👔 Copy 🟠	Remote import	🚖 Change	e password Check password 🛛 😴 Refresh	h 😗	Help		
Image: Sage X3 on sagex3svr1 [ID : X3V12]         Image: Sage X3 on sagex3svr1 - X3V12		Folde	ers						Port numbe	<b>X3V12</b> r: 20100
aspex3evr1 - X3V12	Folder	Origin	Update version 2021 R4 (12.0.28)	Release R090.028.065	Update 16/10/2021	Languages FRA.ENG.BRICHI.GER.JTA.POL.POR.SPA.ARB				

#### Import SEED Folder

Download SEED distribution for V12 P28 and mount the iso file "C:\Users\x3admin\software\x3-seed-12.0.28.iso"

#### Extract x3-seed-12.0.28.zip to the folders location and X3\_PUB location

	^	Name	Date modified	Туре	Size
3		SEED	01/11/2021 18:02	File folder	
۱nd					

This PC 7 Sage 7 XSV12 7 Total	15 / A.	5_F00 /			
u d Orishanna	^	Name	Date modified	Туре	Size
V Y Quick access		ADX PORTAL	27/10/2021 12:00	File folder	
Desktop	*	SEED	27/10/2021 15:29	File folder	

#### Navigate to folders in the Management console and select import

Ke Sage X3 Configuration Console - CFG.2.	52.0.14								- 🗆 ×
Console Solutions Actions View Tool	s ?								
Welcome New Import a solution Delete	Data - App	dication	Runtimes Databa	ase scripts Lin	ked servers	Folders			
Solutions	import 😸	📑 Бф	ort 🦳 Copy 👌	Remote import	🚖 Chang	e password 🛛 Check password 🛛 😴 Refresh	h 🕜	) Help	
FFX 2 0	_								
Sage X3 on sagex3svr1 [ID : X3V12]	<u> </u>	Folde	ers						X3V12 Port number: 20100
e isagex3evr1 - X3V12	Folder	Origin	Update version	Release	Update	Languages			
	<b>X</b> 3		2021 R4 (12.0.28)	R090.028.065	16/10/2021	FRA;ENG;BRI;CHI;GER;ITA;POL;POR;SPA;ARB			

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🔀 Import a folder			_	□ <b>×</b>
Please specify the nam data.	<b>tion folder</b> e of the folder to in	nport, and the di	rect	ory containing
Name of the folder to be imported	SEED		v	🕐 Help
Archived folder				
SVG directory	SVG			
Import of the table structure only	/			
Import only Historical folder				
Import from .dmp files, with Bulk	Copy utility and Ex	port Data Pump		
Initial size read from SRF config				
Data tablespace				
Use SQL Filegroups				
Size of the data file	1100 Mb			
Size of the index file	500 Mb			
Sage X3 user	ADMIN			(V6 only)
Password			٦	(V6 only)
Reference folder	x3indcloud $\sim$	X3	$\sim$	
Copy folder	X3REFCLOUE ~	X3	$\sim$	
Generate script		Ok		Cancel

#### Press OK

X3 Configuration		-		×
Folder import				
Folder import SEED : Folder scripts generation				
• Help		Details >>	Cano	xel
Progression Parameter Trace				
Action	Status			
Folder import SEED : Folder scripts generation	Running			
Folder import SEED : Database user creation	On hold			
Folder import SEED : Srf files generation	On hold			
Folder import SEED : Data loading into database X3V12	On hold			
Folder import SEED : Folder definition generation	Un hold			

#### Monitor process on the trace tab



X3 Configuration			×
Folder import			
→ Folder import SEED : Data loading into database X3V12			
	Details >>	Canc	æl
Progression         Parameter         Trace           27/10/2021         15:32:29 : INFO         - Execution of _adxcreateuser.bat done.           27/10/2021         15:32:29 : INFO         - Database schema SEED is available and storages are online         (RunVertfSchemaBaseSq/Serv           27/10/2021         15:32:31 : INFO         - Database schema SEED is available and storages are online         (RunVertfSchemaBaseSq/Serv           27/10/2021         15:33:26 : INFO         - Execution of createSif done in 00:00:54.7319615           27/10/2021         15:33:28 : INFO         - CreateSrffilesFowerShell executed.           27/10/2021         15:33:28 : INFO         - Ots 37773 KB data to import, 1625 dat file(s)           27/10/2021         15:33:33 : INFO         - Vatifit test performed with success. (LibAdm.RunVaffilmportFolderNT)           27/10/2021         15:33:33 : INFO         - Testing connection to Runtime sagav1:20100 K           27/10/2021         15:33:33 : INFO         - Loading database 'X3V12' from sagex3svr1: (Standard SVG mode)           27/10/2021         15:33:42 : INFO         - Loading database 'X3V12' from sagex3svr1: QND Mater           27/10/2021         15:33:42 : INFO         - Loading database (add - 00% - Tables ABANK - AGLOBVAR are being loaded           27/10/2021         15:33:42 : INFO         - Udd/1625 tables loaded - 10% - Tables AGRPCPY - AREPORTM are being loaded	er) d		,

Once import is complete, we can see the folder details





#### Create SEED Endpoint in Syracuse

I > Administration > Administration > Endpoints					Default
ndpoint SEED					Actions
Information Location Server param	neters Administration				
Information				~	Edit
Name	Description				Set as default endpoint
SEED	SEED	:			Check server settings
					Check help base URL
Location				^	Undate menu profile mannings
Application					opure menu prome mappings
X3 ERP	1				Update profession code mapping
Application and contract identify a service					Personalisations and Menus init
Server parameters				~	Finish X3 installation
X3 solution	Server folder	Reference folder	Historical folder		Refresh
<u>X3V12</u>	: SEED		X		Delete
X3 solution settings Type Help Base URL			is the endpoint connected to a rist.		Endpoints
					Help
Administration				~	Excel report
Groups					
Super administrators					
Menu profiles to roles mapping Roles to pr	ofession codes mapping				
v*	<u> </u>				
Menu profile Role Profession	n code Role				
No data to display No data	to display				

#### Configure Print server

#### Login to the Sage X3 management console



Click print server section in the left menu

Click the add icon to add new print server to the solution

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#### Press configuration

Populate the print server parameters (port user & password)

🔀 Sage X3 Configuration Console - CFG.					
Console Sage X3 Print Server Actions	View Tools ?				
Welcome New Print server Delete Print	server Add server profile Remove server profile	Configuration Services Print server publications			
Solutions	😸 Configuration 🛛 🎉 Unconfiguration 🛛 🥰	Refresh 😗 Help			
Sage X3 Print Server					
🖥 🕷 📮 🚳 🧊 🚺 🚺 🛃 Configuration for 'DEFAULT' profile			(Direct mode)	EDTSF EDT.2	V 24
EDTSRV on sagex3evr1 (ID: EDTSRV)					
E BEFAULT	Sage X3 Print server on sagex3svr1		Idle 🛛 Expert mode 👌 🚺		
- 🖶 DEFAULT	Sage X3 Print server on sagex3svr1 Parameter	Value	klie 🛛 💱 Expert mode 👌 🕚		
E	Sage X3 Print server on sagex3evr1 Parameter Print/Server service port	Value 1890	🛄 kđe   💱 Expert mode  👌 🚺		
T 🖶 DEFAULT	Sage X3 Print server on sagex3evr1 Parameter PrintServer service port User ID / PrintServer service	Value 1950 x3admin	🛄 liđe 👔 Expert mode 👌 🚺		
E 🖶 DEFAULT	Sage X3 Pint server on sagex3ev1 Parameter PintServer service pot User ID / PintServer service User password / PintServer service	Value 1850 x 3edmin CRYPT Seue Roboli, Tgrsvarvatidouva Wk	🛄 lde   🗮 Expet mode  👌 🚷		
E 🖶 DEFAULT	Sage X3 Pint server on sagex3sv1 Parameter PintServer service port User ID / PintServer service User password / PintServer service	Value 1850 x Jadmin CRYPT seueRidosk Tgrsvarvatidouva Wk	🛄 kđe   🏗 Expet mode  👌 🚺		

Press configuration and 'Yes' on the next menu

Sage X3 Configuration Console - CFG.2.5	2.0.14		-	$\Box$ $\times$
Console Sage X3 Print Server Actions V	iew Tools ?			
Welcome New Print server Delete Print ser	ver Add server profile Remove server profile	Configuration Services Print server publications		
Solutions	🧑 Configuration 🛛 🌋 Unconfiguration 🛛 🤶	Refresh 😗 Help		
Sage X3 Print Server				
🎍 🗶 🕞 🏹 🖉 🚱	🛛 📕 Configuration for 'E	EFAULT' profile	(Direct mode)	EDTSRV EDT.2.24
EDTSRV on sagex3svr1 [ID: EDTSRV]	Sage X3 Print server on sagex3svr1		Ide 🛛 💱 Expet mode 👌 🚺	
	Parameter	Value		
	Print Server service port	1890		
	User ID / PrintServer service	x3admin		
	User password / PrintServer service	CRYPT teueRdosk TgrsvaxvatdouvaWk		
		Confirm ×		
		Confirm configuration of profile DEFAULT ?		
		This action is going to update your XML configuration files, create or update the X3 PrintServer service linked to this		
		profile, and (re)start the service.		
		Yes No		

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🚜 🛛 🕲 🗣	그 🔗	A			
relcome New Print server Delete Print se	rver Add server profile Remove server profile Con	figuration Services Print server publications			
Solutions	The configuration 🙀 Unconfiguration 🛛 💈 Refresh	(2) Help			
Sage X3 Print Server					
8 📓 🛱 📓 🖉 🔞	Configuration for 'DEFA	ULT' profile		(Direct mode)	EDTSRV EDT.2.24
EDTSRV on sagex3svr1 [ID: EDTSRV]	Sage X3 Print server on sagex3svr1		ide	Expert mode   🚯	
	Paran 🔀 Configuration		- 0 ×		
	₩. <b></b>				
	Operation completed.				
	e Help		Details >> Close		
	-				
	Progression Parameter Trace	122			
	Action	Status			
	✓ seconing ✓ Updating the advinstall file	Successful completion			
	✓ Publication updating	Successful completion			
		Message ×			
		Operation completed.			
		OK			
Sage X3 Webservice and ADC Server					
Sage X3 Business Intelligence Server					
Sage X3 Java Bridge Server					
Sage X3 AdxAdmin Administration Server					
Construction Construction					

Configuration is complete we add the solution by selecting print server publication

Sage X3 Configuration Console - CFG.2.52	0.14									
Console Sage X3 Print Server Actions Vie	w Tools ?									
Welcome New Print server Delete Print serve	r Add server profile Ren	nove server profile Con	figuration Serv	Print server publication	ins					
Solutions	🛯 Add solution 🛛 🏠 Apply p	ublication 🛛 🔀 Unpublish	n solution 🔰 🎜	Refresh 🕜 Help						
Sage X3 Print Server										
8 🛯 🖓 🖉 🕜	Publications (Direct mode)									
EDTSRV on sogesämrt (ID-EDTSRV) ⊢G: DEFAULT	Solution identifier	Solution label		Published folders	Locked	Profile				
		List of Solutions List of Sol Please select	lutions the solution to p	ublish in the PrintServer pro	file	×				
	🚰 Felden to publish 🔮	Solution name X X3V12 < Instance/Profil	Solution label Sage X3 on sag le name: DI	poder1 EFAULT	Description	Cancel				

Select the publication and add publish the folders

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🔀 Sage X3 Configuration Console - CFG.2.52	2.0.14						– 🗆 🗙
Console Sage X3 Print Server Actions Vi	ew Tools ?						
Welcome New Print server Delete Print serv	ver Add server profile Ren	nove server profile Configuration	Services Print server publicat	tions			
Solutions	늘 Add solution 🛛 👌 Apply p	ublication 🛛 🗙 Unpublish solution	💈 Refresh 🛛 😨 Help				
Sage X3 Print Server							
L K I R K I R K I R K I R K K K K K K K K	Publication	ns				(Direct mode)	EDTSRV EDT.2.24
an gir ann an speciar fi (U. EU SHA) E (C. 2004) E (	Solution identifier	Solution label Soge XI on sages/awr1	Published folders	Locked Ne	Profile DEFAULT		

## Conclusion

This "Build diary" provides an outline of installing Sage X3 components on a single server.