INSTALACION MONGODB 4.0

Objetivo

Seguir estas instrucciones para la instalación de MongoDB en **solo el caso en el que se haya instalado conjuntamente Syracusa y MongoDB**. Esto se puede comprobar accediendo a la carpeta certs de MongoDB. Si aparecen solo estos dos ficheros, realizar la actualización de MondoDB 4.0 siguiendo esta guía.

This PC > C-W2K16StdEd-MUI (C:) > Sage	FreeComponents > MONGODBSVR > certs			
* ^	Name	Date modified	Туре	Size
*	a.cacrt	19/11/2018 18:01	CACRT File	3 KB
*	sage-emv12.pem	19/11/2018 18:02	PEM File	4 KB
*				

Si no es el caso, realizar una actualización normal.

Descripción del problema:

A la hora de instalar MongoDB 4.0 de manera habitual en un entorno que solamente tiene en el directorio de MongoDB los ficheros *ca.cacrt y nombre_maquina.pem* se produce un error en el installer de MongoDB 4.0, puesto que busca el fichero .key.

Navigation V12	0 Øv11					
률 Details	I 🖉 🔋 🖬 I certs			177	- 0 X	- 0 ×
Details of mongodb.ssl.pemkeyfile 1. C:Sage/SafeX3/EMV12SYR5VR/syrac	File Home Share View				~ 0	- 0 ×
USER_NAME UnnstalkeySuffix component.node.name current.groupname current.username default.mongob.dr.cents default.mongob.dr.cents default.mongob.dr.cents default.mongob.dr.cents default.mongob.dr.dbpath	Pin to Quick access	Move Copy to* Copy to* Organise	New item •	Properties Open	en * Hiselect all t Select none invert selection Select	
default.micridodb.ort.oopadn default.micridodb.service.grcupname default.micrigodb.service.username Inbit pack.selection mongodb.binpath mongodb.dir.cert3 mongodb.dir.cert3 mongodb.dir.dirbpath mongodb.dir.logtath mongodb.dir.logtath	 Yergram Files (x86) ProgramData Reports 	oonents > MONGODBSVR > cert Name Ca.c Sage	s acrt e-emv12.pem	v ບ Se	mongoDB	
mongodb.net.pv6 mongodb.service.creation mongodb.service.description mongodb.service.org/ mongodb.service.croupname mongodb.service.name mongodb.service.name	2 items	SafeX3MongoDB-NODE0 27017			(*) The setup may copy al required files into the "C: UsageVirectomproments/WAGODES/Wicerts" If the Server Private Key is encrypted with a pass ord	ectory by the time the field. Be warned that a
mongodb.service.username mongodb.ssl.areadydone mongodb.ssl.areadydone mongodb.ssl.certificate.cname mongodb.ssl.certificate.hostname mongodb.ssl.certificate.hostname mongodb.ssl.certificate.validty mongodb.ssl.config.cafle mongodb.ssl.config.cafle		true C:\Sage\SafeC3\EMV12SYRSVR\oyracuse\or seq=emv12 3650 CAlle: "C:\Sage\/reeComponents\MONGOC fabe true	erts/sage-emv12/sage-emv12.crt BSVR/certs/ca.cacrt"		Pase Error in validator : C/Sage/FreeCom	oonents/MONGOD85VR/certs/sage-emv12.key
mongodb.ssl.pemcafle mongodb.ssl.pemkeyples mongodb.ssl.pemkeyplessword mongodb.ssl.serverpassphrase mongodb.ssl.pemkeyfle Validation did not p	ass!	C: Sage/SafeX31EMV125YR5VRJsyracuse/or C: Sage/SafeX31EMV125YR5VRJsyracuse/or True	rts\sage-emv12\ca.cacrt rts\sage-emv12\sage-emv12.ke	/ modify val	(Made with Isflack - http://spack.org)	Previous
	୍ଦ୍ଧି Spot Verif ଭିଲ୍ଲ SQL Serve ଭିଲ୍ଲ SQL Serve	ier tr (X3DATASQL2K16) tr Agent (X3DATASQL2K16)			Verifies potential file system corruptions. Provides storage, processing and controlled ac Executes jobs, monitors SQL Server, fires alerts,	cess of data, and Running # and allows auto Running #

A continuación se describe las instrucciones para realizar la instalación de MongoDb y así evitar este error.

Requisito previo estar en MongoDB 3.6

Si estás en una versión menor que 3.6, en el siguiente enlace encontrarás cómo actualizar MongoDB a la versión 3.6:

http://online-help.sageerpx3.com/erp/12/staticpost/how-to-upgrade-to-mongodb-3-4-16-22/?highlight=mongodb

Guía de instalación

Los pasos a seguir son:

- 1) Salvar el contenido del directorio completo de MongoDB (servicio de MongoDB y los servicios de syracusa parados)
- 2) Recuperar datos del certificado

Para guardar datos del certificado que utilizaremos posteriormente en la actualización de MongoDB, utilizamos el comando openssl (entregado en versión apache 2.4). Anotar la información para cuando recreemos los certificados.

::\Sage\FreeComponents\MONGOD8SVR\certs>openss1 x509 -inform Certificate:	PEM -in sage-emv12.pem -	-text -noout
Data:		
Version: 3 (0x2)		
Serial Number:		
01:0/12C:0D:92:04		
Tesuant C - O - Tesuant ST -		CN - emailAddeess -
Validity		1 CH MILLION 1 CHURCHDOLESS W
Not Before: Nov 19 17:01:35 2018 GMT		
Not After : Nov 16 17:01:35 2028 GMT		
Subject: C = I O = OU = ST =	1 L -	, CN = sage-emv12
Subject Public Key Info:		
Public Key Algorithm: rsaEncryption		
Public-Key: (2048 bit)		
Modulus:		
0010219310d19017910515C10d14712114311517	51001	

3) Suprimir el contenido de la carpeta certs:

This PC > C-W2K16StdEd-MUI (C:) > Sage :	FreeComponents > MONGODBSVR > certs			
* ^	Name	Date modified	Туре	Size
*	a.cacrt	19/11/2018 18:01	CACRT File	3 KB
*	sage-emv12.pem	19/11/2018 18:02	PEM File	4 KB
A				

4) Actualización de MongoDB4.0



Es importante **dejar marcado** "Configure the mongoDB Service". Comprobar en el fichero de configuración de MongoDB si tiene habilitada ipv6 para marcar o no este flag "Enable ipv6 support". Pulsar Next:

×
Data 9 of 21
Quit

Marcar "Redo the ssl configuration" y "Simplified certificate installation" Pulsar Next:

ck - Installation of Safe X3 MongoDB			- 0
mongoD	B		User D Step 10
Service configura	ation		
The server uses and accepts o	nly SSL encrypted con	nections.	
Redo the ssl configuration			
Path for certificates storage area C:\S	age\FreeComponents\\	MONGODBSVR\certs	Browse
Please choose option for certificate inst	allation :		
Simplified certificate installation			
\bigcirc Use an existing certificate			
le with IzPack - http://izpack.org/)			
		Pre	vious Next O

Utilizar las mismas passphrase=password utilizada en la instalación anterior.

Pulsar Next:

😚 IzPack - Installation of Safe X3 MongoDB	– 🗆 X
mongoDB	User Data Step 14 of 21
Certificate Authority (CA) setup	
Passphrases can contain all alphanumeric and nonalphanumeric characters except : ' and ".	
Passphrase of CA	
Verification	
(Made with IzPack - http://izpack.org/)	
Previous	Next Quit

Introducimos los mismos datos que la instalación original y que podemos comprobar mediante la orden openssl anteriormente ejecutada (información obtenida en el paso 2).

Pulsar Next:

mong		5(4) 15
Certificate	data	
(*) All fields are mandatory	1.	
Country code		
State/Province	86 GE 11000e	
City/Locality	La son	
Organization	SAGE	
Organizational unit/Team	-	
Name/Certificate Owner	Administrator	
Email		
Days of validity	3650	
Days of Valuey	3030	

Utilizar la misma passphrase =password del Server utilizada en la instalación anterior.

Pulsar Next:

😚 IzPack - Installation of Safe X3 Mong	DB	– 🗆 X
mong	goDB	User Data Step 16 of 21
Mongodb	server setup	
Passphrases can cont (*) All fields are mand Please note : in order of this MongoDB serv	ain all alphanumeric and nonalphanumeric characters except : ' a atory. to start as a service the passphrase will be in clear text in the cor er !	ind ". ifguration file
Passphrase of server	••••••	
Verification	••••••	
Host name (FQDN)	sage-emv12	
(Made with IzPack - http://izpack.org/)	Prev	ious Next Quit

Antes de pulsar Next, revisar las opciones:

😚 IzPack - Installation of Safe X3 MongoDB	– 🗆 X
mongoDB	Summary Configuration Data Step 18 of 21
Installation will proceed with the following settings. Press Next to continue.	
Installation Type	^
Modify installation	
Chosen Installation Packs	
Core files for Windows x86_64 (2008,7 and newer)	
Documentation files	
Configuration files	
Windows service control files	
Service creation	
mongodb.service.creation=true	
mongodb.service.port=27017	
mongodb.net.ipv6=false	
Service creation	
mongodb.ssl.enable=true	
MONGODB.SSL.REDO=true	
mongodb.dir.certs=C:\Sage\FreeComponents\MONGODBSVR\certs	
mongodb.ssl.createcert=true	
mongodb.ssl.createcert=true	
Service creation	
mongodb.ssl.capassphrase=************************************	✓
(Made with IzPack - http://izpack.org/)	
	Previous Next Quit

Pulsar Next :



Se finaliza la instalación.

5) Verificacion de la version MongoDB y certificados instalados. Accede a una ventana de comandos para esta comprobación:



Volume in d Volume Seri	drive C al Numb	is C-W2K1 er is B89	5StdEd-MUI 1-1052			
Directory o	of C:\Sa	ge\FreeCo	nponents\MONGODA	BSVR\certs		
2/09/2020	11:13	<dir></dir>				
2/09/2020	11:13	<dir></dir>				
2/09/2020	11:13		2,222 ca.cacr	t		
2/09/2020	11:13		3,365 ca.key			
2/09/2020	11:13		2,432 client.	crt		
2/09/2020	11:13		3,294 client.	key		
2/09/2020	11:13		5,726 client.	pem		
2/09/2020	11:13		2,470 sage-em	v12.crt		
2/09/2020	11:13		3,365 sage-em	v12.key		
2/09/2020	11:13		4,706 sage-em	v12.p12		
2/09/2020	11:13		5,835 sage-em	v12.pem		
	9 Fi	le(s)	33,415 byte	es		
	2 Di	r(s) 26,9	996,838,400 byte	es free		

6) Una vez terminada la actualización, hay que copiar los ficheros ca* y todos los client* del directorio MONGODBSVR\certs a la carpeta \syracuse\certs\mongodb

C-W2K16StdEd-MUI (C:) > Sage >	FreeComponents > MONGODBSVR > ce	rts						~ Ū	Search certs
* ^	Name	Date modified	Туре	Size					
*	a.cacrt	02/09/2020 11:13	CACRT File	3 KB					
1	ca.key	02/09/2020 11:13	KEY File	4 KB					
*	🙀 client.crt	02/09/2020 11:13	Security Certificate	3 KB					
	Client.key	02/09/2020 11:13	KEY File	4 KB					
	Client.pem	02/09/2020 11:13	PEM File	6 KB					
	age-emv12.crt	02/09/2020 11:13	Security Certificate	3 KB					
	sage-emv12.key	02/09/2020 11:13	KEY File	4 KB					
	🏂 sage-emv12.p12	02/09/2020 11:13	Personal Informati	5 KB					
	sage-emv12.pem	02/09/2020 11:13	PEM File	6 KB					
	I I I mongodb File Home Share View							-	□ × ^ (2)
	Pin to Quick: Copy Paste	h Move to v to v	Delete Rename	New item ▼ ↑ Easy access ▼ w fer	Properties	Select all Select none			
	Clipboard	Orga	inise	New	Open	Select			
	$\leftarrow \rightarrow \checkmark \uparrow \square \Rightarrow This PC \Rightarrow C-V$	W2K16StdEd-MUI (C:) →	Sage → SafeX3 → EN	IV12SYRSVR → syracu	use > certs > mongod	ь	~ 0	Search mongodb	م
	Documentation		^ Name	^	Date modifi	ed Type	S	ize	
	EMDA		Ca.cacrt		02/09/2020	11:13 CACRT File		3 KB	
	EMV12		ca.key		02/09/2020	11:13 KEY File		4 KB	
	FreeComponents		Client.crt		02/09/2020	11:13 Security Certi	ificate	3 KB	
	SafeX3		client.key		02/09/2020	11:13 KEY File		4 KB	
	AdxAdmin		Client.pem		02/09/2020	11:13 PEM File		6 KB	
	Console								

- 7) Arrancar los servicios de MongoDB y Syracuse.
- 8) Comprobar si se puede acceder a la aplicación Sage X3 sin errores