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1. Deploying vcenter server 6.0 with the external PSC – part 2

We will deploy vcenter server 6.0 with external DB.

2. Pre-requisites

- 2.2 DB server should be installed and configured (in my case I am installing MSSQL2012)
- 2.3 Create two databases for vcenter server and update manager
- 2.4 Make sure 64bit DSN is created on Vcenter server for ODBC connection
- 2.5 Make sure to install the vcenter server with the specific service account ,
- 2.6 The service account should have sysadmin rights to the DB,
- 2.7 Server account should have admin access on the vcenter server
- 2.8 Attach the iso file to the vcenter sever
- 2.9 Make sure .net 3.5 is installed on the server
- 2.10 Make sure Vcenter Server has more than 10 gig of RAM and as refer the hardware and software requirement for vcenter server sheet
- 2.11 Service account should have following local rights, assign this from secpol.msc
 →Act as part of the operating system.
 →Log on as a Service.

Make sure Vcenter Server has more than 10 gig of RAM and as refer the hardware and software requirement for vcenter server sheet

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File Home Share View Manage Manage		^ ?
🔁 🏫 V cut 💦 💦 💉 👘 🖾 Now itam z 🕞 🖓 Opan z	Select all	
ODBC Data Source Administrator (64-bit)	Select none	
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Sutter Data Saurasa	Select	
	istrative Tools	,p
Create New Data Source	Cine	
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Select a driver for which you want to set up a data source.		
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AM Shortcut	2 KB	
Choose the name description and the DB server fqdn		I
ODBC Data Source Administrator (64-bit)		

3. Creating 64bit dsn for ODBC connection :

	Create a New Data Source to SQL Server
	This wizard will help you create an ODBC data source that you can use to connect to SQL Server.
SQL Serve	er 2012
	Name: vcenter server
	How do you want to describe the data source?
	Description: vcenter server
	Which SQL Server do you want to connect to?
	Server: [qdn of sql server]
L.	

q

Choose the Database created on the previous step

· D· C	Microsoft SQL Server DSN Configuration	x
Margaret	Change the default database to: vcenter	~
SQL Server 2012	SPN for mirror server (Optional):	
	Attach database filename:	
	 ✓ Use ANSI quoted identifiers. ✓ Use ANSI nulls, paddings and warnings. 	
	Application intent:	

Test and Finish the DSN



Next and finish and test the DSN

4. Installing windows based Vcenter server 6.0.

4.1 Start the installer .

岁 VM	ware vCenter Server 6.0.0	x			
End User License Agreement	End User License Agreement				
Read the following license agreement before proceed	ling with the installation.				
VMWARE EI	VMWARE END USER LICENSE AGREEMENT				
PLEASE NOTE THAT THE TERMS OF THIS END USER LICENSE AGREEMENT SHALL GOVERN YOUR USE OF THE SOFTWARE, REGARDLESS OF ANY TERMS THAT MAY APPEAR DURING THE INSTALLATION OF THE SOFTWARE.					
IMPORTANT-READ CAREFULLY: BY DOWNLOADI OR LEGAL ENTITY) AGREE TO BE BOUND BY THE DO NOT AGREE TO THE TERMS OF THIS EULA, YO YOU MUST DELETE OR RETURN THE UNUSED SOI THIRTY (30) DAYS AND REQUEST A REFUND OF TH	IMPORTANT-READ CAREFULLY: BY DOWNLOADING, INSTALLING, OR USING THE SOFTWARE, YOU (THE INDIVIDUAL OR LEGAL ENTITY) AGREE TO BE BOUND BY THE TERMS OF THIS END USER LICENSE AGREEMENT ("EULA"). IF YOU DO NOT AGREE TO THE TERMS OF THIS EULA, YOU MUST NOT DOWNLOAD, INSTALL, OR USE THE SOFTWARE, AND YOU MUST DELETE OR RETURN THE UNUSED SOFTWARE TO THE VENDOR FROM WHICH YOU ACQUIRED IT WITHIN THIRTY (30) DAYS AND REQUEST A REFUND OF THE LICENSE FEE, IF ANY, THAT YOU PAID FOR THE SOFTWARE.				
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1. DEFINITIONS.					
1.1 "Affiliate" means, with respect to a party, an entity that is directly or indirectly controlled by or is under common control with such party, where "control" means an ownership, voting or similar interest representing fifty percent (50%) or more of the total interests then outstanding of the relevant entity (but only as long as such person or entity meets these requirements).					
1.2 "Documentation" means that documentation that is generally provided to You by VMware with the Software, as revised by VMware from time to time, and which may include end user manuals, operation instructions, installation guides, release notes, and on-line help files regarding the use of the Software.					
\checkmark I accept the terms of the license agreement.	☑ I accept the terms of the license agreement.				
	< Back Next > Cancel]			

Choose install vcenter server

WWware vCenter Server 6.0.0				
Select deployment type				
Select the component to deploy.				
vCenter Server 6.0.0 requires a Platform Services Controller, which contains shared services such as vCenter Singl Licensing, and Certificate Management. An embedded Platform Services Controller is deployed on the same Window vCenter Server. An external Platform Services Controllers is deployed in a separate Windows Host. For smaller inst consider vCenter Server with an embedded Platform Services Controller. For larger installations with multiple vCen consider vcenter Server with an embedded Platform Services Controller. For larger installations with multiple vCen consider one or more Platform Services Controllers. Refer to product documentation for more information.				
Note: Once you deploy vCenter Server, you can only change from an embedded to an external Platform Services Controller wi fresh install.				
Embedded Deployment	VM or Host			
\bigcirc vCenter Server and Embedded Platform Services Controller	VCenter Server			
External Deployment	VM or Host			
○ Platform Services Controller	Platform Services Controller			
vCenter Server A previously installed Platform Services Controller is required	VM or Host VCenter Server			
	< Back Next > Cancel			

Enter the FQDN of the vcenter server

	VMware vCenter Server 6.0.0
ystem Networ	c Name
Configure the name	of this system.
Enter the system na system so that the domain name (FQD	ne to use for managing the local system. The system name will be encoded in the SSL certificate of the omponents can communicate with each other by using this name. Enter the system name as a fully-qualified I). If DNS is not available, you can provide a static IPv4 address. IPv6 is supported only by using a name.
<u>S</u> ystem Narr	

Enter the PSC1 FQDN which we installed and enter the SSO password

₿	VMware vCer	nter Server 6.0.0	x	
v	vCenter Single Sign-On registration			
	Connect vCenter Server to a vCenter Single Sign-On domain in an existing Platform Services Controller.			
	Platform Services Controller FODN or IP address:	[mast		
	Note: This is the external Platform Services Controller with the	psci center Single Sign-On you want to register with.		
	vCenter Single Sign-On HTTPS nort			
	vCenter Single Sign On the top parts	443		
	vCenter Single Sign-On <u>u</u> ser name:	administrator		
	vCenter Single Sign-On password:	••		
	Note: Make sure you provide the password of the user 'administ configured during Platform Services Controller deployment.	rator' in the existing vCenter Single Sign-On domain that you		
		< Back Next > Cancel		

Accept the certificate

Use the created account and specify the password

岁 VMware vCenter Server 6.0.0	
vCenter Server Service Account	
Enter the vCenter Server service account information.	
By default, the vCenter Server instance runs in the Windows Local System account. To run in another select the option to specify a user service account and provide the account credentials. The user servi the 'Log on as a service' privilege.	administrative user account, ice account must be granted
O Use Windows Local System Account	
Note: If you select this option, you cannot connect to an external database using Integrated Window	vs authentication.
Specify a user service account	

Choose the external database and verify the database is displayed and click next

	嶎	VMware vCenter Server 6.0.0	x
'n	Database Settings Configure the database for this deplo	pyment.	
wa Ce	 Use an embedded database (vPos Use an external database 	tgres)	
lwa Sp	<u>D</u> SN Name:	vcenter V Refresh	
pho Ser Dov	DB <u>u</u> ser name: DB <u>p</u> assword:		
lwa Sp	The chosen DSN is configured to to verify authenticity.	o use Integrated Windows Authentication. SQL Server will use the credentials of the user	

Verify and choose the directory as needed, confirm the configuraiton and finsih the installtion,

	t	VMware vCenter Server 6.0.0 ×
n		Destination Directory Select the storage location for this deployment.
Awa VCE Jwa Ser Dov Awa VSp		Select the storage location for this deployment. Install vCenter Server with an external Platform Services Controller to: C:\Program Files\VMware\ Change Store data for vCenter Server with an external Platform Services Controller in: C:\ProgramData\VMware\ Change
	_	< Back Next > Cancel

Installation will take some time to compete the configuration, verify all the required services are running once the process completes



Verify web client and all services are up and running,

				_
🔍 VMware afd Service	VMware afd	Running	Automatic	1
🔍 VMware Alias Manager and Ticket Service	Alias Mana	Running	Automatic	
🔍 VMware Component Manager	VMware Co	Running	Automatic	
🔍 VMware Content Library Service	Includes Co	Running	Automatic	
🔍 VMware ESX Agent Manager	VMware ES	Running	Automatic	
🔍 VMware HTTP Reverse Proxy	VMware HT	Running	Automatic	
WMware Inventory Service	Provides ce	Running	Automatic	
🔍 VMware Message Bus Config Service	VMware Me		Disabled	
WMware Performance Charts	Supports vi	Running	Automatic	
🔅 VMware Service Control Agent	Provides ser	Running	Automatic	
🔍 VMware Snapshot Provider	VMware Sn		Manual	
🔍 VMware Syslog Collector	Collects an	Running	Automatic	
🌼 VMware System and Hardware Health Manager	Polls ESX an	Running	Automatic	
🔍 VMware Tools	Provides su	Running	Automatic	
🔍 VMware vAPI Endpoint	Exposes a c	Running	Automatic	
🖏 VMware vCenter Configuration Service	VMware vC	Running	Automatic	
🔅 VMware vCenter workflow manager	VMware vC	Running	Automatic	
🔅 VMware VirtualCenter Server	VMware Virt	Running	Automatic	
🔅 VMware vService Manager	VMware vSe	Running	Automatic	
🔍 VMware vSphere Auto Deploy Waiter	Provides bo		Disabled	
🥋 VMware vSphere ESXi Dump Collector	Enables sup		Disabled	
鵒 VMware vSphere ESXi Dump Collector WebService	Serves the c		Disabled	
🌼 VMware vSphere Profile-Driven Storage Service	VMware vS	Running	Automatic	
🔍 VMware vSphere Web Client	VMware vS	Running	Automatic	
🐝 Volume Shadow Copy	Manages an		Manual	
WebClient	Enables Win		Manual (Trig	

Webclient was successfully launched,

vm ware [.]		
User name: Password:	Use Windows session authentication	VMware "vCenter" Single Sign-On

This completes the installation of vcenter server