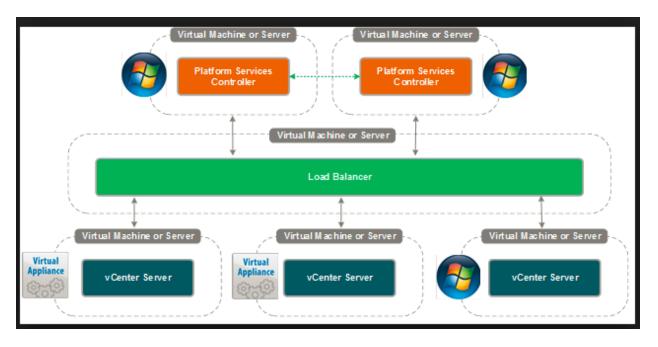
### Contents

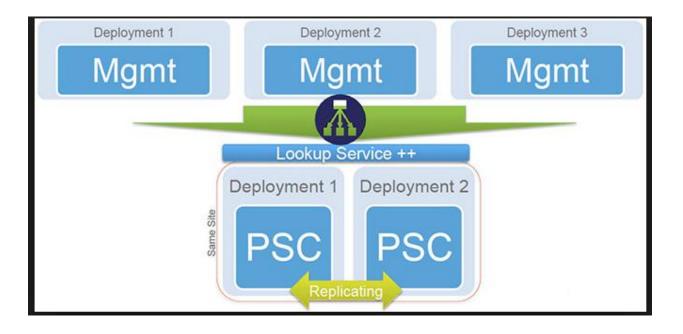
1.	Step by step instructions to deploy a vSphere 6 with the multi-tenant PSC using the same site1
2.	Installing PSC1
3.	Installing PSC2 and joining it to the existing site

# 1. Step by step instructions to deploy a vSphere 6 with the multitenant PSC using the same site



We will be installing two PSC – PSC1 and PSC2 on the same site with single SSO domain,

And one Vcenter server as show below



## 2. Installing PSC1

1.1	Make sure your DNS is properly working, check for the name resolution of all virtual machines
1.2	NTP server on which the host is configured should be up and running ,
1.3	Make sure the client integration plugin is installed on the staging vm
1.4	Make sure the supported adobe flash player is installed on the vm
1.5	Map the iso , VMware vSphere 6.0 appliance to any of the virtual machine ,
	since we push the PSC to the host you can attach iso to any staging VM.

#### → Run the set up

🎍 dbschema	6/8/2015 3:08 AM	File folder	
	6/8/2015 3:08 AM	File folder	
vcsa-cli-installer	6/8/2015 3:08 AM	File folder	
1006	-, -,	Text Document	2 KB
readme.txt	6/8/2015 3:08 AM		
readme-de.txt	6/8/2015 3:08 AM	Text Document	2 KB
readme-fr.txt	6/8/2015 3:08 AM	Text Document	2 KB
📄 readme-ja.txt	6/8/2015 3:08 AM	Text Document	2 KB
readme-ko.txt	6/8/2015 3:08 AM	Text Document	2 KB
readme-zh-CN.txt	6/8/2015 3:08 AM	Text Document	2 KB
readme-zh-TW.txt	6/8/2015 3:08 AM	Text Document	2 KB
🔁 vcsa-setup.html	6/8/2015 3:08 AM	HTML Document	1,834 KB

-

 $\rightarrow$ Click allow, when prompted

<b>vm</b> ware <sup>.</sup>			
	vCenter <sup>®</sup> Server A	opliance <sup>-</sup> 6.0	
	Install	Upgrade	

#### Accept the EULA

Set up Single Sign-on	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	^
8 Select datastore 9 Configure database 10 Network Settings 11 Ready to complete 11 Ready to complete	INSTALLATION OF THE SOFTWARE. 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 DOELTE 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. EVALUATION LICENSE If You are licensing the Software for evaluation purposes, Your use of the Software is only permitted in a non-production environment and for the period limited by the License Key. Notwithstanding any other provision in this EULA, an Evaluation License of the Software is provided "AS-IS" without indemnification, support or warranty of any kind, expressed or implied. 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 <b>X</b>   accept the terms of the license agreement. Print	~

Specify the esxi host ip on which the PSC1 needs to be deployed

Mware vCenter Server Appliance Deployment				
<ul> <li>1 End User License Agreement</li> <li>2 Connect to target server</li> </ul>	Connect to target server Specify the ESXi host on which to deploy the vCenter Server Appliance.			
3 Set up virtual machine	FQDN or IP Address:	ip of esxi host on which psc deploy		
4 Select deployment type 5 Set up Single Sign-on	User name:	root	0	
6 Single Sign-on Site 7 Select appliance size	Password:	••••••		
8 Select datastore 9 Configure database 10 Network Settings 11 Ready to complete	<ul> <li>Before proceeding:</li> <li>Make sure the ESXi host is not in lock down mode or maintenance mode</li> <li>When deploying to a vSphere Distributed Switch (VDS), the appliance m portgroup. After deployment, it can be moved to a static or dynamic portgroup.</li> </ul>		ce must be deployed to an ephemeral	
		Back	Next Finish Cancel	

Accept the certificate of the esxi host

Certificate Warning

It will validate and will proceed to next

1 End User License Agreement	Connect to target server Specify the ESXi host on which to deploy the vCenter Server Appliance.				
2 Connect to target server					
3 Set up virtual machine	FQDN or IP Address:				
4 Select deployment type					
5 Set up Single Sign-on	User name:	root			
6 Single Sign-on Site	Password:				
7 Select appliance size	Fassword.				
8 Select datastore	A Before proceeding:	Validating			
	Make sure the ES	SXi host is not in lock down mode or maintenance mode.			
10 Network Settings			VDS), the appliance must be deploye	ed to an ephemeral	
11 Ready to complete		eployment, it can be moved to a			

#### Enter the PSC1 appliance name , May be netbios or FQDN , choose the OS password of your choice

Mware vCenter Server Appliance Deployment					
<ul> <li>1 End User License Agreement</li> <li>2 Connect to target server</li> </ul>	Set up virtual machine Specify virtual machine settings for the vCenter Server Appliance to be deployed.				
3 Set up virtual machine 4 Select deployment type	Appliance name:	PSC1 appliance name	0		
5 Set up Single Sign-on	OS user name:	root			
6 Single Sign-on Site 7 Select appliance size	OS password:	•••••	0		
8 Select datastore 9 Configure database	Confirm OS password:	•••••	]		
10 Network Settings					
11 Ready to complete					
		Back	Next Finish Cancel		

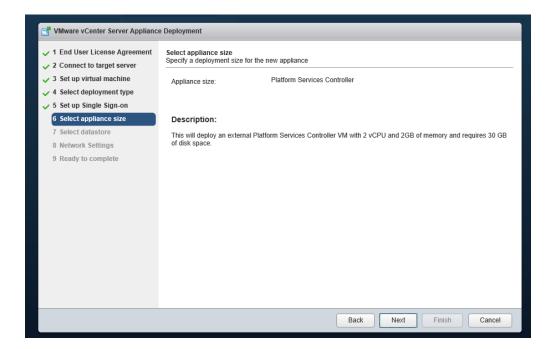
Choose install PSC

VMware vCenter Server Applianc	e Deployment
<ul> <li>1 End User License Agreement</li> <li>2 Connect to target server</li> </ul>	Select deployment type Select the services to deploy onto this appliance.
<ul> <li>3 Set up virtual machine</li> <li>4 Select deployment type</li> <li>5 Set up Single Sign-on</li> <li>6 Single Sign-on Site</li> <li>7 Select appliance size</li> <li>8 Select datastore</li> <li>9 Network Settings</li> <li>10 Ready to complete</li> </ul>	VCenter Server 6.0 requires a Platform Services Controller, which contains shared services such as Single Sign-On, Licensing, and Certificate Management. An embedded Platform Services Controller is deployed on the same Appliance VM as vCenter Server. An external Platform Services Controller is deployed on the same Appliance VM as vCenter Server. An external Platform Services Controller is deployed in a separate Appliance VM. For smaller installations, consider vCenter Servers, consider one or more external Platform Services Controllers. Refer to the vCenter Server documentation for more information. Note: Once you install vCenter Server, you can only change from an embedded to an external Platform Services Controller with a fresh install. Embedded Platform Services Controller Install vCenter Server with an Embedded Platform Services Controller
	External Platform Services Controller Install Platform Services Controller Install vCenter Server (Requires External Platform Services Controller) VM or Hest VM or Hest VM or Hest VM or Hest VCenter Server
	Back Next Finish Cancel

Create new SSO domain , and choose the domain name which is different from your AD domain name , in this test I used vsphere.local

T VMware vCenter Server Appliance Deployment					
<ul> <li>1 End User License Agreement</li> <li>2 Connect to target server</li> </ul>	Set up Single Sign-on (SSO) Create or join a SSO domain. An SSO configuration cannot be changed after deployment.				
3 Set up virtual machine					
4 Select deployment type	Join an SSO domain in an existing vCenter 6.0 platform services controller				
5 Set up Single Sign-on 6 Select appliance size	vCenter SSO User name: administrator				
7 Select datastore	vCenter SSO Password:	•••••	0		
8 Network Settings					
9 Ready to complete	Confirm password:	•••••			
	SSO Domain name:	vsphere.local	0		
	SSO Site name:	site name to which it has to bind	Invalid site name		
	Before proceeding, make so Active Directory domain name.	ure that the vCenter Single Sign-On domai	n name used is different than your		
		Back	Next Finish Cancel		

Accept the size and click next



Choose the datastore on which PSC1 needs to be deployed

Mware vCenter Server Appliance Deployment						
<ul> <li>1 End User License Agreement</li> <li>2 Connect to target server</li> <li>3 Set up virtual machine</li> <li>4 Select deployment type</li> <li>5 Set up Single Sign-on</li> </ul>	Select datastore Select the storage location for this deployment The following datastores are accessible. Select the destination datastore for the virtual machine configuration files all of the virtual disks.					onfiguration files and
<ul> <li>✓ 6 Select appliance size</li> </ul>	Name	Туре	Capacity	Free	Provisioned	Thin Provisioni
7 Select datastore		NFS	504.19 GB	492.16 GB	12.03 GB	true

Choose on which port group and vlan the psc1 should reisde and do the networking configuration as below

1 End User License Agreement		
<ul> <li>2 Connect to target server</li> </ul>	IP address family:	
3 Set up virtual machine		IPv4
4 Select deployment type	Network type:	static
✓ 5 Set up Single Sign-on		Salo L
✓ 6 Select appliance size	Network address:	ip for psc1 Invalid IP
7 Select datastore		
8 Network Settings	System name [FQDN or IP address]:	psc1 appliance name  () Invalid System Name
9 Ready to complete	-	
	Subnet mask:	subnet mask Invalid IP
	Network gateway:	gateway Invalid IP
	Network DNS Servers (separated by commas)	dnsip Invalid IP
	Configure time sync:	Synchronize appliance time with ESXi host
		Use NTP servers (Separated by commas)      ntp server ip     X
	Enable ssh	*
		Back Next Finish Cancel

Verify the settings and finish the deployment , this is start the psc1 deployment on the specified host

It will create a VM with the appliance name and configure the new SSO with user <u>administrator@vsphere.local</u> and password specified by you

Check the progress

Mware v	Center Server Appliance Deployment	
	Initializing	
		Cancel
		Cancel

Close once finished

Mware v	VMware vCenter Server Appliance Deployment		
	Installation Complete		
	Your Platform Services Controller is successfully installed.		
	Post install steps:		
	1. Run the installer on a different machine to install vCenter Server and connect it to this Platform Services Controller by		

# 3. Installing PSC2 and joining it to the existing site.

#### Run the same installer again, and click on install and accept the EULA

Set up virtual machine VMWARE END USER LICENSE AGREEMENT Select deployment type PLEASE NOTE THAT THE TERMS OF THIS END USER LICENSE AGREEMENT SHALL GOVERN YOUR	
Set up Single Sign-on Single Sign-on Site Select appliance size Select datastore Configure database 0 Network Settings 1 Ready to complete 1 Ready to complete 0 Locs Prime Set Display (1990) 1 Ready to complete 1 Ready to complete 1 C	~

Choose an another host to deploy the psc2,

#### Enter esxi host name and its associated credentials

VMware vCenter Server Appliance	e Deployment		
<ul> <li>1 End User License Agreement</li> <li>2 Connect to target server</li> </ul>	Connect to target server Specify the ESXi host on which t	to deploy the vCenter Server Appliance.	
<ul><li>3 Set up virtual machine</li><li>4 Select deployment type</li></ul>	FQDN or IP Address: User name:	second esxi host for redundnacy	] 0
5 Set up Single Sign-on 6 Single Sign-on Site 7 Select appliance size	Password:	•••••	
<ul> <li>8 Select datastore</li> <li>9 Configure database</li> <li>10 Network Settings</li> <li>11 Ready to complete</li> </ul>	<ul> <li>When deploying to a vSp</li> </ul>	is not in lock down mode or maintenance here Distributed Switch (VDS), the appliar ent, it can be moved to a static or dynamic	nce must be deployed to an ephemeral
		Back	Next Finish Cancel

Accept the certificates and proceed next

Enter the PSC2 appliance name and choose the OS password

Mware vCenter Server Appliance	e Deployment			
<ul> <li>1 End User License Agreement</li> <li>2 Connect to target server</li> </ul>	Set up virtual machine Specify virtual machine setting	is for the vCenter Server Appliance to be	e deployed.	
3 Set up virtual machine 4 Select deployment type	Appliance name:	psc2 appliance name	0	
5 Set up Single Sign-on	OS user name:	root		
6 Single Sign-on Site 7 Select appliance size	OS password:	******	0	
8 Select datastore 9 Configure database	Confirm OS password:	•••••		
10 Network Settings				
11 Ready to complete				
		Back	Next Fi	nish Cancel

### Choose again install PSC for the GUI as per out requirement

Mware vCenter Server Appliance Deployment					
<ul> <li>1 End User License Agreement</li> <li>2 Connect to target server</li> </ul>	Select deployment type Select the services to deploy onto this appliance.				
<ul> <li>2 Connect to target server</li> <li>3 Set up virtual machine</li> <li>4 Select deployment type</li> <li>5 Set up Single Sign-on</li> <li>6 Single Sign-on Site</li> <li>7 Select appliance size</li> <li>8 Select datastore</li> <li>9 Network Settings</li> <li>10 Ready to complete</li> </ul>	vCenter Server 6.0 requires a Platform Services Controller, which contains shared services such as Single Sign-On, Licensing, and Certificate Management. An embedded Platform Services Controller is deployed on the same Appliance VM as vCenter Server. An external Platform Services Controller is deployed in a separate Appliance VM. For smaller installations, consider vCenter Server with an embedded Platform Services Controller. For larger installations with multiple vCenter Servers, consider one or more external Platform Services Controllers. Refer to the vCenter Server documentation for more information. Note: Once you install vCenter Server, you can only change from an embedded to an external Platform Services Controller with a fresh install.				
	Platform Services Controller				
	External Platform Services Controller				
	O Install vCenter Server (Requires External Platform Services Controller) VM or Host vCenter Server vCenter Server				
	Back Next Finish Cancel				

Now join the PSC2 with the created SSO domain previously

Mware vCenter Server Applianc	e Deployment		
<ul> <li>1 End User License Agreement</li> <li>2 Connect to target server</li> </ul>	Set up Single Sign-on (SSO) Create or join a SSO domain. An S	SSO configuration cannot be changed after	deployment.
3 Set up virtual machine	Create a new SSO domain		
4 Select deployment type	Join an SSO domain in an exis	ting vCenter 6.0 platform services controlle	er in the second se
5 Set up Single Sign-on 6 Single Sign-on Site	Platform Services Controller FQDN or IP address:	psc1 fqdn which we installed	]
7 Select appliance size 8 Select datastore	vCenter SSO User name:	administrator	
<ol> <li>9 Network Settings</li> <li>10 Ready to complete</li> </ol>	vCenter SSO Password:	••••••	]
	Port:	443	]
		Back	Next Finish Cancel

From the drop down , choose the site name , which we provided during the PSC1 installation

VMware vCenter Server Appliance	Deployment
<ul> <li>1 End User License Agreement</li> <li>2 Connect to target server</li> </ul>	Single Sign-on Site Create or join a vCenter Single Sign-on site.
3 Set up virtual machine	Join an existing site
4 Select deployment type	○ Create a new site
✓ 5 Set up Single Sign-on	Choose SSO Site name from
6 Single Sign-on Site	the list:
7 Select appliance size 8 Select datastore	
9 Network Settings	
10 Ready to complete	
	Back Next Finish Cancel

Accept the appliance size, choose the data store , and proceed with the networking configuration of psc2

Mware vCenter Server Appliance	e Deployment		
✓ 1 End User License Agreement			
2 Connect to target server	IP address family:	IPv4 🗸	
3 Set up virtual machine			
4 Select deployment type	Network type:	static 🗸	
✓ 5 Set up Single Sign-on		<u></u>	_
✓ 6 Single Sign-on Site	Network address:	psc2 ip address	Invalid IP
7 Select appliance size			
✓ 8 Select datastore	System name [FQDN or IP address]:	psc2 fqdn	Invalid System Name
9 Network Settings			
10 Ready to complete	Subnet mask:	subnet	Invalid IP
	Network gateway:	gateway	Invalid IP
	Network DNS Servers (separated by commas)	dns ip	Invalid IP
	Configure time sync:	<ul> <li>Synchronize appliance time with ESX</li> <li>Use NTP servers (Separated by comintp ip)</li> </ul>	
	Enable ssh		~
		Back	Next Finish Cancel

Fill the details, check the configuration at the final page and click finish to start the deployment

Make sure you have two new VM with PSC1 and PSC2 appliance name created on the specified host.

VMware v	Center Server Appliance Deployment	
	Installation Complete	
	Your Platform Services Controller is successfully installed.	
	Post install steps:	
	1. Run the installer on a different machine to install vCenter Server and connect it to this Platform Services Controller by	