# Migration of Old SEPM Server to New Server by Replication Method

Go to SEP 11 RU6 MP – 2 Setup File

👝 New Volume (E:)						
Computer ▼ New Volume (E:) ▼ 🖉 Search New Volume (E:)						2
Organize 🔻 演 Open Ir	iclude in library 👻 Share w	ith 🔻 New folder				•
🜟 Favorites	Name *		Date modified	Туре	Size	
🧮 Desktop	🕌 SEPRU6MP2		1/28/2011 4:39 AM	File folder		
鷆 Downloads						_
🖳 Recent Places						
E thursday						
Videos						
_						
📜 Computer						
0						
📭 Network						
SEPRU6MP2 Da File folder	te modified: 1/28/2011 4:39 A	Μ				

#### Go to Setup.exe

SEPM						
Computer - New Volume (E:) - SEPRU6MP2 - SEPM						
Organize 🔻 🐻 Open Ne		· ·	0			
🔆 Favorites	Name 🔶	Date modified	Туре	Size		
🧮 Desktop	퉬 Packages	1/28/2011 4:40 AM	File folder			
Downloads	🗿 0x0409	3/9/2010 2:15 AM	Configuration settings	6 KB		
🔛 Recent Places	🛅 Data1	11/17/2010 7:48 AM	Cabinet File	152,155 KB		
🔁 Libraries	🔯 LuCheck	9/14/2010 10:30 AM	Application	906 KB		
Documents	🚱 lusetup	9/7/2010 3:39 AM	Application	3,475 KB		
🌙 Music	📄 sav	10/22/2006 9:24 PM	XML Document	1 KB		
Pictures	🚰 Setup	11/17/2010 7:50 AM	Application	294 KB		
📑 Videos	📰 Setup	11/17/2010 7:48 AM	Configuration settings	2 KB		
· Consultan	😽 Symantec Endpoint Protection Manager	11/17/2010 7:48 AM	Windows Installer P	3,777 KB		
17 Computer	🔜 WindowsInstaller-KB893803-x86	3/9/2010 2:16 AM	Application	2,525 KB		
🙀 Network						
Setup Date modified: 11/17/2010 7:50 AM Date created: 1/28/2011 4:40 AM Application Size: 293 KB						

#### **Click Next**



Click I accept the terms in the license agreement and Click Next.

🔂 Symantec Endpoint Protection Mana	iger		×			
License Agreement	ept carefully.	9	symantec.			
			-			
Symantec Endpoir	nt Prote	ection an	d			
Symantec Network	k Acces	s Contro	bl			
SYMANTEC CORPORATION AND/OF WILLING TO LICENSE THE LICENSET	SYMANTEC CORPORATION AND/OR ITS AFFILIATES ("SYMANTEC") IS					
INDIVIDUAL, THE COMPANY, OR TH UTILIZING THE LICENSED SOFTWAI	IE LEGAL ENT RE (REFERENC	ITY THAT WILL ED BELOW AS "	BE YOU" OR 🔤			
I accept the terms in the license agreem	enti		Print			
C I do not accept the terms in the license a	agreement					
InstallShield						
	< <u>B</u> ack	<u>N</u> ext >	Cancel			

Select the drive in which you have to install SEPM.

Here we have selected the E drive and Click OK

🚏 Symantec Endpoint Protection Manager	×
Change Current Destination Folder	
Browse to the destination folder.	symantec.
Look in:	
Symantec Endpoint Protection Manager	E
Eolder name:	
e¦\Program Files (x86)\Symantec\Symantec Endpoint Protection M	anager\
InstallShieldC	K Cancel

#### **Click Next**

🙀 Symante	ec Endpoint Protection Manager	×
Destination Click Nex different	ion Folder xt to install to this folder, or click Change to install to a symantc t folder.	ec.
	Install Symantec Endpoint Protection Manager to: E:\Program Files (x86)\Symantec\Symantec Endpoint Protection Manager\	
InstallShield –	< <u>B</u> ack <u>N</u> ext > Cancel	

### Select the Port 8014 and Click Next

🙀 Symante	c Endpoint Protection Manager 🛛 🔀
Select We	b Site
Select IIS	5 Web site configuration options. Symantee.
Symanted Informati should uti	: Endpoint Protection Manager requires the use of a Web site from Internet on Services (IIS). For maximum security, Symantec Endpoint Protection Manager ilize its own custom Web site.
Note: Wh specified	en installing with a custom Web site, you should ensure that the TCP Port is not blocked by any installed firewalls.
	<u>C</u> reate a custom Web site (recommended) <u>ICP Port:</u> <u>8014</u>
InstallShield —	○ Use the default Web site          < Back

#### **Click Install**

🛃 Symantec Endpoint Protection Manager 🛛 🛛 🔀
Ready to Install the Program
The wizard is ready to begin installation.
Click Install to begin the installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
InstallShield
< Pack Total Capcal

**Configuring Internet Information Services** 

🙀 Symante	c Endpoint Protection Manager 📃 🗌 🗙
Installing	Symantec Endpoint Protection Manager
The prog	ram features you selected are being installed.
13	Please wait while the InstallShield Wizard installs Symantec Endpoint Protection Manager. This may take several minutes.
	Status:
	Configuring IIS
InstallShield –	
	< <u>Back</u> <u>N</u> ext > Cancel

#### **Click Finish**

🖶 Symantec Endpoint Protection Manager 🛛 🗙				
	Install Wizard Completed			
	The Install Wizard has successfully installed Symantec Endpoint Protection Manager. Click Finish to configure the Symantec Endpoint Protection Manager.			
Symantec.				
	< <u>B</u> ack <b>Finish</b> Cancel			

Select Advanced and Click Next

#### Select More than 1,000 and Click Next

🛑 Management Server Configu	🖤 Management Server Configuration Wizard 📃 🔲 🗙				
Management Server Configu	Approximately how many computers will be managed by this management server?  C Less than 100 Between 100 and 500 Between 500 and 1,000 More than 1,000				
Symantec.					
	< Back Next > Cancel				

In Management Server Configuration Wizard Panel, check the "Install an additional Site and Click Next.

💭 Management Server Configuration Wizard 📃 🗌 🗙				
	What would you like to do? O Install my first site (what is a site?) Installs a new site with a management server and a database (For first-time users only).			
	O Install an additional management server to an existing site			
	Installs an additional management server that you can configure for failover or load balancing.			
	Instell an additional site			
	Installs a management server and a database for renlication			
	To continue, click Next.			
Symantec.				
	< <u>Back</u> Next > Cancel			

🖤 Management Server Configuration Wizard 📃 🔲 🔀				
	Specify the server for the management	name, port number, web console port, t server you want to install or configur	and data folder e.	
	Server name:	AV		
	Server port:	8443		
	Web console port:	9090		
	Server data folder:	E:\Program Files (x86)\Symantec\S	Bro <u>w</u> se	
Symantec.				
		< Back Next >	Cancel	

In the Server Information Panel accepted the default values and Click Next

In the Site Information Panel, accept the name in the Site Name box and Click Next

🖤 Management Server Configuration Wizard				
(III)	What do you	u want to name this sit	e?	
W	Site name:	βite AV		
Symantec.				
		<	Back Next >	Cancel

In the Replication Information Panel, the following values entered.

Replication Server Name: IP Address of the remote Symantec Endpoint Protection

#### Manager

**Replication Server Port:** by Default 8443.

Administrator Name: The name used to logon to Old SEPM Console.

**Password:** The password used to logon to Old SEPM Console.

#### Click Next

🔍 Management Server Configuration Wizard			
symantec.	Specify the server name administrator credentials to replicate data. Replication server: Replication server port: Administrator name: Password:	and Symantec Endpoint Protection I for the management server with with 10.7.42.35 8443 admin ********	Aanager iich you want
		< Back Next >	Cancel

In the Certificate warning box, Click Yes.

🅌 Warning - Se	🛃 Warning - Security 🛛 🔀		
The Partner site	e's certificate cannot be verified.		
Do you want to t	trust the certificate?		
Certificate Info:			
Version:	3		
Subject:	CN=AVLNTPOWER, OU=scm, O=symantec.com, L=Fremont, ST=CA, C=US		
Issuer:	CN=AVLNTPOWER, OU=scm, O=symantec.com, L=Fremont, ST=CA, C=US		
Serial No:	1265958233		
Valid From:	Thursday, February 11, 2010		
Valid To:	Sunday, February 9, 2020		
Signature Alg:	SHA1withRSA		
Public Key Alg:	RSA		
		More Details	
	Yes No		

In the Database Server Choice panel, Check Embedded Database and Click Next

👿 Management Server Configuration Wizard 📃 🗌 🗙		
symantec.	Select the type of database you want to use: • Embedded database Suggested for organizations with up to 5,000 client computers. • Microsoft SQL Server	
	< <u>Back</u> <u>N</u> ext > <u>C</u> an	cel

In Management Server Configuration Wizard keep the Database Server Port as

#### 2638.

## In password type the password as "symantec"

🔍 Management Server Configuration Wizard		
	For maximum security, database.	specify a password to use for the embedded
	Database server:	localhost
	Database server port:	2638
	Database name:	sem5
	User:	DBA
	Password:	****
	Confirm password:	*****
Symantec.		
		< Back Next > Cancel

## Now it's Creating the Database



#### Now it's Replicating Database

Creating Database	×
The database is being created and initialized. This will take a few minutes.	
Replicating Database	
	]

After the installation gets finished SEPM Console will Open In Policies Expand Policy Components and Select Management Server Lists On the Right Hand Side of Console Right Click and Add

🔘 Symant	ec Endpoint Protection Manager Cons	sole		
🔘 Syı	mantec™ Endpoint Protection	n Manager	Refresh	About Help Log Off
	View Policies	🖹 Management Server Lists		
Home	Antivirus and Antispyware Firewall	Name	Description	Group and Location Use
	Intrusion Prevention	New Management Server List		28
	Application and Device Control	Default Management Server List for My Site	The default Management Server List is generated The default Management Server List is generated	0
Monitors	Centralized Exceptions			
	Policy Components ▼			
<u>R</u> eports	Scheduled Scan Templates Management Server Lists			
P	File Fingerprint Lists Host Groups	Add		
_	Network Services	Edit Delete		
Policies	Network Adapters Hardware Devices	Сору		
RA		Paste		
Clients		Assign		
0.0110	Taeke	Export		
7	Add a Management Server List			
<u>A</u> dmin	Management Server List			
	🔍 Search for Applications			
		Recent changes appear below:		
		Description	Time	Administrator
Et aut	. 🔊 🕾 🗖 🗖	1		★ □> □= / 7:36 PM

In Management Server Lists Added click Add Priority:

🛞 Management Server Lists	×
Management Server Lists show the management servers to which client	ts can connect.
Name: New Management Server List 2	
Description:	
Use HTTP protocol     Use HTTPS protocol     Use HTTPS protocol     Management Servers	orotocol
The clients first try to connect to management servers with a higher pa management servers having the same priority will do automatic load ba	riority. The alancing.
Priority 1	Add >>
	Edit
	Delete
	Move Up
	Move Down
ОК Сап	ncel Help

In Add Management Server Added the New Server IP Address

🛡 Add Management Server 🛛 🔀		
Specify a management server IP address or host name that can be resolved by all clients. Specify port numbers if you need to customize them.		
Server address:	10.7.44.40	
🔽 Customize HTTP port:	8014	
Customize HTTPS port:	443	
	DK Cancel Help	

In Add Management Server Added the Hostname of New Server

🛡 Add Management Server 🛛 🔀
Specify a management server IP address or host name that can be resolved by all clients. Specify port numbers if you need to customize them.
Server address: AV
Customize HTTP port: 8014
Customize HTTPS port: 443
OK Cancel Help

After Adding the New Server in Management List Click Add and Assign



Applied the Management Server List to all the Groups

💭 Apply Management Server List	×
Management Server list: New Management Server List 2	
CAssign Policy	_
The tree below shows the groups or locations to which you can assign the selected Management Server list. Select the groups or locations below. To select all subgroups and locations, right-click the parent group and choose Select All Subgroups. Groups and locations with a check mark already have a Management Server list assigned to them.	
Caution Clicking Assign will assign this Management Server list to all selected groups or locations, replacing the existing Management Server list they are currently using.	
<ul> <li>✓ I Kolkata [New Management Server List]</li> <li>✓ I Koradi [New Management Server List]</li> </ul>	
<ul> <li>Image: Sector and the sector s</li></ul>	
<ul> <li>Image: Malwa [New Management Server List]</li> <li>Image: Imagement Server List]</li> </ul>	
<ul> <li>Pankaj Building [New Management Server List]</li> <li>Rajpura [New Management Server List]</li> </ul>	
<ul> <li>Image: Image: Server [New Management Server List]</li> <li>Image: Image: Im</li></ul>	
<ul> <li>Image: Provide the server of t</li></ul>	
Assign Cancel Help	

**Replication Site Added** 

🔘 Symant	🔋 Symantec Endpoint Protection Manager Console				
🔘 Syr	nantec™ Endpoint Protection	n Manager Refresh About Help Log Off			
	View Servers	🗐 Servers			
Home Monitors	Servers     Servers     Local Site (Site AV)     B AV     B AV     B Iocalhost     Q     B Replication Partners     B My Site     B Remote Sites	You can manage all sites and servers from this tab. Below are terms used in managing sites and servers. <b>Site</b> A site consists of one or more management servers, one database (Microsoft SQL Server or the embedded database) and, optionally, one or more enforcers typically located together at the same business location. The site to which you log on is the Local Site, and you can modify it directly. Any site other than the Local Site is referred to as a Remote Site.			
Reports		Management Server The computer on which the Symantec Endpoint Protection Manager software is installed. From the management server, policies can be created and assigned to different organizational groups. Also, monitoring, reporting, logging, alerting, and other management tasks can be performed. Multiple management servers at a single site provide failover and load balancing capabilities.			
<u>Clients</u>		Database Server The database used by Symantec Endpoint Protection Manager. There is one database per site. The database can be on the same computer as the management server or, if you are using Microsoft SQL Server, on a different computer.			
Admin		Enforcer An Enforcer is used by Symantec Network Access Control to allow or deny access to the enterprise network. There are four types of Enforcers: Gateway Enforcer, LAN Enforcer, DHCP Enforcer, and Integrated Enforcer.			
		Replication Partner A relationship created between two sites to enable data replication between them.			
	Administrators	January 28, 2011 7:36:57 PM IST: LiveUpdate failed. [Site: Site AV] [Server: AV]			
	Domains Servers	January 28, 2011 7:36:57 PM IST: LUALL.EXE finished running. [Site: Site AV] [Server: AV] January 28, 2011 7:36:57 PM IST: LiveUpdate will start next on Friday, January 28, 2011 11:36:57 PM IST on AV. [Site: Site AV] [Server: AV] January 28, 2011 7:36:57 PM IST: LiveUpdate encountered one or more errors. Return code = 4. [Site: Site AV] [Server: AV]			
	Install Packages	January 28, 2011 7:36:20 PM IST: LUALL.EXE has been launched. [Site: Site AV] [Server: AV]			
Start 1		م الله، في 1:42 PM			

Select the My Site

🔘 Symant	ec Endpoint Protection Manager Cons	sole					_ 🗆 🗙
🔘 Syr	nantec™ Endpoint Protection	n Manager	E	Refresh	<u>About</u>	<u>Help</u>	Log Off
6 Home	View Servers	Anagement Serve	r				
Monitors Reports Policies	<ul> <li>Gual Ste (ste AV)</li> <li>AV</li> <li>AV</li> <li>Beplication Partners</li> <li>Breplication Partners</li> <li>Breplication Partners</li> <li>Breplication Partners</li> <li>Breplication Partners</li> <li>Breplication Partners</li> </ul>	Partner Name: Partner Description: Replication Management Server List: Auto Synchronize: Log Replication: Replication Frequency: Start Time: Last Replication: Last Replication Server: Status:	My Site 10.7.42.35 No No Daily 13h:30m Never Replicated Never Replicated Never Replicated				
Qients	Tasks         Add Existing Replication Partner         Delete Replication Partner         Replicate Now         Check Certificate         Edit Replication Partner Properties						
	Administrators Domains Servers Install Packages	January 28, 2011 7:36:57 PM IST: LiveLpdat January 28, 2011 7:36:57 PM IST: LUALLEX January 28, 2011 7:36:57 PM IST: LiveUpdat January 28, 2011 7:36:57 PM IST: LiveUpdat January 28, 2011 7:36:20 PM IST: LUALLEX	e failed. [Site: Site AVI [Server: AV] E finished running. [Site: Site AV] [Server: AV] e will start next on Friday, January 28, 2011 11:36:57 PM IS' e encountered one or more errors. Return code = 4. [Site: S E has been launched. [Site: Site AV] [Server: AV]	Ton AV. [S Site AV] [Se	Site: Site / erver: AV	4∨] [Ser ]	ver: AV]

## **Right Click and Edit the Properties**

🔘 Symant	ec Endpoint Protection	n Manager Cons	ole						
🔘 Syr	nantec™ Endpoin	nt Protection	n Man	lager	E	Refresh	<u>About</u>	<u>Help</u>	Log Off
<mark>∕</mark> Home	View Servers	(e AV)	<b>- 2</b>	Management Server	r				
<b>M</b>	- B AV		Partn Partn	ier Name: ier Description:	My Site				
<u>M</u> onitors	P- 🔰 Replicatio	n Partners	Repli	cation Management Server List:	10.7.42.35				
<b>A</b>	Or Semote Step	Delete		Synchronize:	No				
	C D Tremote Sites	Replicate Nov	v	Replication:	No				
<u>R</u> eports		Cancel Replica	ation	cation Frequency:	Daily				
_		Check Certific	ate	Time:	13h:30m				
_	l	Edit Properties	Last	Replication:	Never Replicated				
<u>P</u> olicies			Last	Replication Server:	Never Replicated				
Clients			Statu	IS:	Never Replicated				
Admin	Tasks         Image: Add Existing Repl         Image: Add Existing Replication         Image: Delete Replication         Image: Replicate Now         Image: Check Certificate         Image: Check Certification Period         Image: Edit Replication Period	lication Partner							
	Administrators		January	/ 28, 2011 7:36:57 PM IST: LiveUpdate	e failed. [Site: Site AV] [Server: AV]				
	Domains		January January	/ 26, 2011 7:36:57 PM IST: LUALLEX / 28, 2011 7:36:57 PM IST: LiveUpdate	c misrieu running. [Site: Site AV] [Server: AV] e will start next on Friday, January 28, 2011 11:36:57 PM IS	T on AV.	[Site: Site J	AV] [Ser	ver: AV]
	Servers		January January	/ 28, 2011 7:36:57 PM IST: LiveUpdate / 28, 2011 7:36:20 PM IST: LUALL EX	e encountered one or more errors. Return code = 4. [Site: 5 E has been launched. [Site: Site AV]. [Server: AV]	Site AV] [S	Server: AV	1	
chamb 🗐			1						7:42 PM

In Replication Partner Site

Check Replicate logs from the Local site to this partner Site.

Check Replicate logs from this partner site to the local site.

Select Replication Frequency as Hourly.

🛑 Replication Partner Pro	perties for My Site	×
Partner		
Partner Name:	My Site	
Description:		
Replication Management Ser	rver List: 10.7.42.35	
Replicate Logs:		
Replicate logs from th	ne local site to this partner site	
Replicate logs from th	his partner site to the local site	
Replicate Client Packages an Replicate client packa local site and this par	nd LiveUpdate content: ages and LiveUpdate content between the tner site	
Schedule		
Auto Replicate (Let the in	nstallation instance decide when to do replic	ation)
Replication Frequency:	Hourly	
Start Time:	01 : 30 PM	
Day of Week:	Sunday	
	OK Cancel	Help

Click OK



**Click Replicate Now:** 



**Click Yes** 



**Click OK** 



**Replication Started From Old Server** 



#### NOTE:

As per Symantec recommendation we have kept the replication process for a week so that there will be no orphan clients

#### **Configuration of Group Update Provider**

1. Open the SEPM Console. => Select the Clients tab.

- 2. Select the Group in which you have to assign the GUP.
- Go to Policies =>Live update Settings Policy=>Create Non-Shared Policy from Copy=> Select Server Settings:

🔊 LiveUpdate 🛛	Server Settings					
Policy	Internal or External LiveUpdate Server					
verview	Select the source server that will be used by this policy to retrieve updates. If both the default management server					
erver Settings	and a LiveUpdate server are selected, the o	client computer will retrieve updates fro	n both servers.			
chedule	✓ Use the default management server (Windows computers only)					
dvanced Settings	Use a LiveUpdate server					
	Note: Mac computers get updates on	y from a LiveUpdate server.				
	O Use the default Symantec LiveUpdate server					
	O Use a specified internal LiveUpdate server					
	Name	Address	bbA			
			Edit			
			Delete			
			Move Up			
			Move Down			
	Group Update Provider A Group Update Provider is a client computer that downloads content from the management server and makes it					
	Lise a Group Undete Provider	Group Undete Provider				
	Croup Update Provider staffacts	Croup Opulate Provider.				
	Group opuale Provider: <defined></defined>					
	Third Party Management					
	Instead of getting content directly from the management server or LiveUpdate server, you can use third party tools. See the Administrator's Guide for more information.					
	🔲 Enable third party content managem	ent				

Select the Group Update Provider:

ver Settings edule anced Settings	Internal or External LiveUpdate Se Select the source server that will be us and a LiveUpdate server are selected, t Use the default management ser Use a LiveUpdate server Note: Mac computers get updates	rver ed by this policy to retrieve updates. If both he client computer will retrieve updates fro ver (Windows computers only)	h the default management server om both servers.			
ver Settings edule anced Settings	Select the source server that will be us and a LiveUpdate server are selected, t Use the default management ser Use a LiveUpdate server Note: Mac computers get updates	ed by this policy to retrieve updates. If both he client computer will retrieve updates fro ver (Windows computers only)	h the default management server om both servers.			
edule anced Settings	✓ Use the default management set Use a LiveUpdate server Note: Mac computers get updates	ver (Windows computers only)				
anced Settings	Use a LiveUpdate server					
	Note: Mac computers get updates					
		only from a LiveUpdate server.				
	O Lise the default Symantee	Livel Indate server				
	S Use the derault Symaniced LiveOpdate server					
	Use a specified internal Li	veupdate server				
	Name	Address	Add			
			Edit			
			Delete			
			Move Up			
			Move Down			
	Group Update Provider A Group Update Provider is a client com available to other clients. I Use a Group Update Provider Group Update Provider: <defin< th=""><th>puter that downloads content from the ma Group Update Provider.</th><th>nagement server and makes it</th></defin<>	puter that downloads content from the ma Group Update Provider.	nagement server and makes it			
	This I Dank - Management					
	Third Party Management					
	Instead of getting content directly from t See the Administrator's Guide for more i	he management server or LiveUpdate serv information.	/er, you can use third party tools			
	Enable third party content management	gement				

In the Group Update Provider.

Choose the Single Group Update Provider IP address: **192.168.148.88** 

Maximum time that clients try to download updates from a Group Update Provider before trying the default management server kept as **one day** 

Maximum Bandwidth kept as **1 Mbps** 

Group Update Provider	
Group Update Providers get updates from management servers and dist	ribute them to clients in a group.
Group Update Provider Selection for Client	
Choose a Group Update Provider:	
	192.168.148.88
C Multiple Group Update Providers:	Configure Group Update Provider List
Maximum time that clients try to download updates from a Group Update Provider before trying the default management server:	C Never   After    After
Group Update Provider Settings	
Default port:	2967
Maximum disk cache size allowed for downloading updates (MB	): 500 🗬
Delete content updates if unused (days):	3 🗬
Maximum number of simultaneous downloads to clients:	30
Maximum bandwidth allowed for Group Update Provider downloads from the management server:	C Unlimited C Up to 1 T Mbps T

Click OK