Microsoft System Center 2012 Configuration Manager RTM Software Update Document

Mar.22 2012



1. Deploy Environment Introduction :

This operations process including three servers.

1. DC :

Role : ADDS + ADCS

OS : Windows Server 2008 R2 Enterprise Edition with SP1

IE : IE 9.0

IP:192.168.0.100/24

DNS: 192.168.0.100

2. ConfigMgr2012 :

Role : SC2012 ConfigMgr RTM + SC2012 ConfigMgr Database

OS : Windows Server 2008 R2 Enterprise Edition with SP1

IE : IE 9.0

IP:192.168.0.101/24

DNS: 192.168.0.100

3. Client :

Role : Domain Member and SC2012 ConfigMgr RTM Client

OS : Windows 7 Enterprise Edition with SP1 x64

IE : IE 9.0

IP:192.168.0.200/24

DNS: 192.168.0.100

2. Deploy Active Directory :

1) Logon to **DC** server , installing **ADDS** and **ADCS** . Domain name is

Contoso.msft . Active Directory forest functional level is Windows Server 2008 R2.

This process is no longer described in this part.

3. Deploy and Configure SC2012 ConfigMgr RTM :

1) This process is no longer described in this part. You can reference **《System**

Center 2012 Configuration Manager RTM Deployment Document》.

- 2) Default as you have already deployed and no any error.
- 3) SC2012 ConfigMgr RTM need to configuration , about this part , you can

reference 《 System Center 2012 Configuration Manager RTM Configure

Document》

4. Configuring SC2012 ConfigMgr RTM Integration with WSUS :

1) Logon to **ConfigMgr2012** server , on the **Start** menu , point to **All Programs** , point to **Microsoft System Center 2012** , point to **Configuration Manager** , and then click **Configuration Manager Console** . Click the **Administration** workspace , in the navigation pane , expand **Site Configuration** ,

and then click Servers and Site System Roles :

Selected Object Syste	em Cente	r 2012 Configuration Manager (Connecte	d to MCM - SC2012_Co	nfigMgr_Primary	_Site) (Evaluation, 180 days left)	_ 8 ×
Home Site Role						^ 🕜
Deserver Deservering						
Role						
Site Role Properties						
Administration	 Ove 	rview Site Configuration Servers ar	nd Site System Roles			- 2
Administration <	Servers	and Site System Roles 1 items				
 Overview 	Search				🗙 🔎 Search	Add Criteria 🔻
Hierarchy Configuration	Icon	Name	Site Code	Count of roles		
A Configuration		\\ConfigMgr2012.Contoso.msft	MCM	10		
Files						
🕵 Servers and Site System Roles						
🖳 Client Settings						
Security						
Distribution Points						
Distribution Point Groups	Cito (System Boles				
Migration	Site					· · ·
	Icon	Role Name	Role Description			
		Application Catalog web service point	A site system role that	serves as an Appli	ication Catalog web service point	
	1 2	Application Catalog website point	A site system role that	serves as an Appli	ication Catalog website point	
	-	Component server	Any server that runs th	e SMS Executive s	service.	
	P	Distribution point	A Configuration Manage	er server role that	stages packages for distribution to clie	nts.
Access and Compliance		Fallback status point	A site system role that	receives messages	s from ConfigMgr clients that cannot co	mmunicat
Assets and compliance		Management point	A site system role that	replies to Configur	ration Manager client requests and acce	epts mana
👘 Software Library	1 2	Reporting services point	A site system role that	provides integrati	ion with SQL Server Reporting Services	to create
Monitoring	P	Site database server	A site system role that	runs Microsoft SQI	L Server and hosts the Configuration M	anager sit
	P	Site server	The main site system re	ole that hosts the	Configuration Manager components an	d services.
Administration	1 2	Site system	A server or server share	e that hosts one o	r more site system roles for a Configura	ation Man
Ready						

2) Right-click server name and click Add Site System Roles :

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Selected Object 5	ystem Center 2012 Configuration Manager	r (Connected to MCM - SC2012_ConfigMg		
Home Site Role				
Remove Properties Role				
Site Role Properties				
🗲 🔶 👻 🚶 🕨 Administrat	ion	Servers and Site System Roles		
Administration	 Servers and Site System Roles 1 items 			
 Overview 	Search			
🕨 🚞 Hierarchy Configuration	Icon Name	Site Code Count		
A 🚞 Site Configuration	ConfigMgr2012.Contoso.msft	🐑 Add Site System Boles		
Sites		Add Site System Roles		
Servers and Site System Ro	es	Start		
Client Settings		🔉 Refresh F5		
Security		X Delete Delete		
Distribution Points		Properties		
 Distribution Point Groups Migration 	Site System Roles	1		

3) The Add Site System Roles Wizard General dialog box appears :

💱 Add Site System Roles W	Wizard	×
General		
General System Role Selection Summary Progress Completion	Select a server to use as a site system Name: Example: server1.corp.contoso.com	
	Site code: MCM - SC2012_ConfigMgr_Primary_Site Site code: MCM - SC2012_ConfigMgr_Primary_Site Specify an FQDN for this site system for use on the Internet Internet FQDN: Example: internetsrv2.contoso.com Require the site server to initiate connections to this site system After the installation of the site system roles, the site server initiates all connections to the site system server by using the installation Account Site System Installation Account © Use the site server's computer account to install this site system © Use another account for installing this site system	e Site System
	Active Directory membership Active Directory forest Active Directory domain Contoso msft	Set
	<previous next=""> Summary</previous>	Cancel

4) Click **Next**, the **System Role Selection** dialog box appears :

💱 Add Site	System Roles W	/izard	×
	System Role Selec	ction	
General System Role Summary Progress	e Selection	Specify roles for this server Available roles:	
Completion		Asset Intelligence synchronization point Endpoint Protection point Errollment proxy point Out of band service point Software update point State migration point System Health Validator point	•
		Description:	
		<pre></pre>	

5) Select Software update point :

💱 Add Site System Roles W	fizard	×
System Role Sele	ction	
General System Role Selection Software Update Point	Specify roles for this server	
Active Settings	Available roles:	
Summary Progress Completion	Asset Intelligence synchronization point Endpoint Protection point Errollment proxy point Out of band service point State migration point State migration point System Health Validator point	
	Description:	
	A software update point integrates with Windows Server Update Services (WSUS) to provide software updates to Configuration Manager clients.	
	<pre></pre>	

6) Click Next, the Software Update Point dialog box appears allowing you

to configure the proxy servers to use for access to the update content for update synchronization as well as for downloading content by automatic deployment rules :

💱 Add Site System Roles W	fizard	×
Software Update	Point	
General System Role Selection Software Update Point	Specify software update point settings	
Active Settings	A software update point integrates with Windows Server Update Services (WSUS) to provide software updates to Configuration Manager clients	
Summary	Humger elerite.	
Progress Completion	For Configuration Manager to use a software update point that is not installed on the site server, you must first install the WSUS administration console on the site server.	
	Use a proxy server when synchronizing software updates	
	Use a proxy server when downloading content with Auto Deployment Rules	
	Proxy server name:	
	Port: 80	
	Use credentials to connect to the proxy server	
	- Coffuser Lindete Datet Breas Concer Annu et	
	The Software Update Point Proxy Server Account provides authenticated access to the proxy server when Configuration Manager synchronizes software updates on the Internet.	
	Set 🔻	
	<previous next=""> Summary Cancel</previous>	

7) Click **Next**, the **Active Settings** dialog box appears allowing you to configure the software update point as the active software update point for the Configuration Manager site, and to configure the ports to use when interacting with WSUS :

💱 Add Site System Roles W	izard	X
Active Settings		
General System Role Selection Software Update Point	Specify active software update point settings	
Active Settings Summary Progress	The active software update point interacts with Windows Server Update Services (WSUS) to configure software update settings and manage software update synchronization.	
Completion	Use this server as the active software update point Select the website and port configurations that are configured for WSUS.	
	© WSUS is configured to use the default website (by default, clients communicate over ports 80 and 443)	
	WSUS is configured to use a custom website (by default, clients communicate over ports 8530 and 8531)	
	<pre> <pre></pre></pre>	

8) Select Use this server as the active software update point and then click

WSUS is configured to use a custom website (by default , clients communicate

over ports 8530 and 8531) :

💱 Add Site System Roles Wi	izard	×
Active Settings		
General System Role Selection Software Update Point	Specify active software update point settings	
Synchronization Source	manage software update synchronization.	_
Supersedence Rules	Use this server as the active software update point	
Classifications Products	Select the website and port configurations that are configured for WSUS.	
Languages	C WSUS is configured to use the default website (by default, clients communicate over ports 80 and 443)	
Summary Progress	WSUS is configured to use a custom website (by default, clients communicate over ports 8530 and 8531)	
Completion		
		1
<u>ا ا</u>		

9) Click Next, the Synchronization Source dialog box appears displaying

settings for synchronization with the software update point :

💱 Add Site System Roles W	izard	X
Synchronization Se	ource	
General System Role Selection Software Update Point Active Settings Synchronization Source	Specify synchronization source settings Select the synchronization source for this software update point.	
Synchronization Schedul Supersedence Rules Classifications Products Languages Summary Progress Completion	 Synchronize from Microsoft Update When there is an upstream software update point, this option is unavailable. Synchronize from an upstream update server When this is the software update point in the top site of the Configuration Manager hierarchy, this option is unavailable. Do not synchronize from Microsoft Update or the upstream software update point Select this option if you manually synchronize software updates on this software update point. Typically, you use manual synchronizing when the software update point is disconnected from Microsoft Update or the upstream software update point. 	
	You can configure the Windows Update Agent on client computers to create event messages for Windows Server Update Services (WSUS) reporting. Configuration Manager does not use these events, you should not create them unless you require them for other uses. Do not create WSUS reporting events Create only WSUS status reporting events Create all WSUS reporting events	
	<pre> <pre></pre></pre>	

10) Keep the default settings and click Next , the Synchronization Schedule

dialog box appears allowing you to configure the schedule to synchronize updates

from WSUS with Configuration Manager :

💱 Add Site System Roles Wi	zard	X
Synchronization Sc	hedule	
General System Role Selection Software Update Point Active Settings Synchronization Source Synchronization Schedul Supersedence Rules Classifications Products Languages Summary Progress Completion	Configure software updates to synchronize automatically. Enable synchronization on a schedule Synchronization schedule Simple schedule Rin every: Custom schedule Custom schedule<th></th>	
	<previous next=""> Summary Cancel</previous>	1
▲ ►		_

11) Select Enable synchronization on a schedule and Alert when synchronization fails on any site in the hierarchy :

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💱 Add Site System Roles W	izard	X
Synchronization S	chedule	
General System Role Selection Software Update Point Active Settings Synchronization Source Synchronization Schedul Supersedence Rules Classifications Products Languages Summary Progress Completion	Configure software updates to synchronize automatically.	
[] [] []	<previous next=""> Summary Cancel</previous>	

12) Click $\ensuremath{\textbf{Next}}$, the $\ensuremath{\textbf{Supersedence Rules}}$ dialog box appears :

💱 Add Site System Roles W	izard	×
Supersedence Ru	les	
General System Role Selection Software Update Point Active Settings Synchronization Source Synchronization Schedul Supersedence Rules Classifications Products Languages Summary Progress Completion	Select behavior for software updates that are superseded You can configure a software update to expire as soon as it is superseded by a more recent software update or to expire after a specified period of time when it is superseded by a more recent software updates that are superseded by Service Packs. These software updates never expire when they are superseded. Changing this setting will force a full software update point synchronization. Supersedence behavior Immediately expire a superseded software update until the software update is superseded for a specified period Months to wat before a superseded software update is expired: Immediately expire a superseded software update is expired: Immediately expire a	
	<previous next=""> Summary Cancel</previous>	

13) Keep the default setting and click **Next**, the **Classifications** dialog box appears displaying the various product categories of updates that are available in Configuration Manager for reporting and deployment :

💱 Add Site System Roles Wi	zard	×
Classifications		
General System Role Selection Software Update Point Active Settings Synchronization Source Synchronization Schedul Supersedence Rules Classifications Products Languages Summary Progress Completion	Select the software update classifications that you want to synchronize	
	<previous next=""> Summary Cancel</previous>	

14) In here , I will select All Classifications item :

💱 Add Site System Roles W	izard	×
Classifications		
General System Role Selection Software Update Point Active Settings Synchronization Source Synchronization Schedul Supersedence Rules Classifications Products Languages Summary Progress Completion	Select the software update classifications that you want to synchronize	
	Vertical Summary	

15) Click **Next**, the **Products** dialog box appears allowing you to configure the various Microsoft software products that can be updated by Configuration Manager :

💱 Add Site System Roles W	izard	×
Products		
General System Role Selection Software Update Point Active Settings Synchronization Source Synchronization Schedul Supersedence Rules Classifications Products Languages Summary Progress Completion	Select the products that you want to synchronize Products: I I All Products	
	<previous next=""> Summary Cancel</previous>	

16) Select software updates based on your needs :

💱 Add Site System Roles Wi	izard	×
Products		
General System Role Selection Software Update Point Active Settings Synchronization Source Synchronization Schedul Supersedence Rules Classifications Products Languages Summary Progress Completion	Products	•
4 	<previous next=""> Summary Cancelland </previous>	el

17) Click Next, the Languages dialog box appears displaying the languages

that content will be managed for through Configuration Manager :

💱 Add Site System Roles W	izard			×
Languages				
General System Role Selection	Specify the language setting	s that you want to s	ynchronize	
Software Update Point Active Settings Synchronization Source	Select the software update files and sum	mary information to download	L	
Synchronization Schedule	Details:			
Supersedence Rules	Language	Software update File	Summary Details	
Classifications	Arabic			
Products	Chinese (Hong Kong S.A.R.)			
Languages	Chinese (People's Republic of China)		V	
Summary	Chinese (Taiwan)			
Progress	Czech			
Completion	Danish			
	Dutch			
	English		V	
	Finnish			
	French			
	Geman			
	Greek			
	Hebrew			
	Hungarian			
	Italian			
	Japanese			
	Korean			
	Norwegian			•
	0			
	W	< Prev	Next >	Summary Cancel

18) Select your needs languages and click **Next**, the **Summary** dialog box appears indicating that you have successfully completed the wizard and are ready to install this site system role :

💱 Add Site System Roles W	izard	×
Summary		
General System Role Selection Software Update Point Active Settings Synchronization Source Synchronization Schedul Supersedence Rules Classifications Products Languages Summary Progress Completion	<section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header>	
	To change these settings, click Previous. To apply the settings, click Next. Image: Cancel Control of Contro of Control of Control of Control of Control of	

19) Click ${\bf Next}$, the ${\bf Progress}$ dialog box appears :

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💱 Add Site System Roles Wi	izard	×
Progress		
General System Role Selection Software Update Point Active Settings Synchronization Source Synchronization Schedul Supersedence Rules Classifications Products Languages Summary Completion	Status: Working	
()	<pre></pre>	

20) Wait some seconds , the Completion dialog box appears indicating that

the wizard completed successfully :

💱 Add Site System Roles W	izard	X
Completion		
General System Role Selection Software Update Point Active Settings Synchronization Source Synchronization Schedul Supersedence Rules Classifications Products Languages Summary Progress Completion	<section-header><text><image/><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></text></section-header>	
	To exit the wizard, click Close.	
	<previous next=""> Summary Close</previous>	

21) Click Close will back to Servers and Site System Roles node, now you can

see just added Software update point system role :

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Selected Object Sys	tem Cente	er 2012 Configuration Manager (Connect	ed to MCM - 5C2012_Co	onfigMgr_Primary	_Site) (Evaluation	, 180 days left)	_8
Home Site Role							^ (
Demous Drepeties							
Role							
Site Role Properties							
🗲 🔶 👻 👔 👌 🖌 Administration	n ► Ove	erview 🔸 Site Configuration 🕨 Servers a	and Site System Roles				- 2
dministration «	Servers	and Site System Roles 1 items					
Overview	Search					🗙 🔎 Search	Add Criteria 🔻
Hierarchy Configuration	Icon	Name	Site Code	Count of roles			
A Site Configuration		\\ConfigMgr2012.Contoso.msft	MCM	11			
🕎 Sites							
Servers and Site System Roles							
Note: Settings							
Security							
Distribution Points							
🖏 Distribution Point Groups							
Migration							
	Site	System Roles					
	Icon	Role Name	Role Description				
	•	Application Catalog web service point	A site system role that	serves as an Appl	ication Catalog we	b service point	
	1	Application Catalog website point	A site system role that	serves as an Appl	ication Catalog we	bsite point	
	-	Component server	Any server that runs th	he SMS Executive s	ervice.		
	-	Distribution point	A Configuration Manag	ger server role that	stages packages f	or distribution to clier	its.
		Fallback status point	A site system role that	receives message	s from ConfigMgr	lients that cannot cor	nmunicat
Assets and Compliance		Management point	A site system role that	replies to Configu	ration Manager clie	ent requests and acce	pts mana
🗃 Software Library		Reporting services point	A site system role that	provides integrat	ion with SQL Serve	r Reporting Services	to create
	N	Site database server	A site system role that	runs Microsoft SQ	L Server and hosts	the Configuration Ma	inager sit
Monitoring	1	Site server	The main site system r	role that hosts the	Configuration Mar	ager components and	services.
Administration		Site system	A server or server share	re that hosts one o	r more site system	roles for a Configura	tion Man
		Software undate noint	A cito quetore rolo that		adown Convor Lind	the Complete (MUCHIC) -	uon Man
		Borthare apadate point	A site system role triat	runs microsoft wi	nuows server opu	ate Services (WSUS) a	and allow

22) Open **SUPSetup.log**, you will view this log to validate success of the software update point as well as view status messages related to deployment of the software update point site system role :

SMS Trace - [\\Con	nfigmgr2012\sms_mcm\Logs\SUPSetup.log]	<u>_ × ×</u>
🗿 File Tools Window	v Help	_ 8 ×
] 🛎 县 🎒 🖻 👭		
Log Text		
<03-22-2012 06:49:39>	>	
i »¿<03-22-2012 06:49:39>	SMSWSUS Setup Started	
<03-22-2012 06:49:39>	> Parameters: E:\Program Files\Microsoft Configuration Manager\bin\x64\rolesetup.exe /install /siteserver:CONFIGMGR201	12 SM:
<03-22-2012 06:49:39>	⊳ Installing Pre Reqs for SMSWSUS	
i »¿<03-22-2012 06:49:39>	Is a second s	
<03-22-2012 06:49:39>	Found 1 Pre Reqs for Role SMSWSUS	
i »¿<03-22-2012 06:49:39>	⊳ Pre Req SqlNativeClient found.	
<03-22-2012 06:49:39>	SqlNativeClient already installed (Product Code: {8C151A63-A9FC-4E48-BA88-AFB07E3E4C24}). Would not install again.	
<03-22-2012 06:49:39>	Pre Req SqlNativeClient is already installed. Skipping it.	
i »¿<03-22-2012 06:49:39>	======= Completed Installation of Pre Regs for Role SMSWSUS =======	
i»¿<03-22-2012 06:49:39>	▷ Installing the SMSWSUS	
i»¿<03-22-2012 06:49:39>	Correct and supported WSUS Server version (3.1.7600.226) is installed.	
i»¿<03-22-2012 06:49:49>	⊳ Registered DLL E:\Program Files\Microsoft Configuration Manager\bin\x64\wsusmsp.dll	
i»¿<03-22-2012 06:49:49>	Installation was successful.	
<03-22-2012 06:49:49>	> ~RoleSetup().	
Date /Time:	Component ·	
	Component.	
Inread:	Source:	
ĭ»ċ<03-22-2012 06:49:49	9> ~RoleSetup().	A
		7

23) Open **WSUSCtrl.log** will displaying the contents of the Configuration Manager WSUS Control Manager' s log. This log indicates there was a successful connection to the WSUS server , and that the local database connection was successful :



24) Close these logs. Click the Monitoring workspace, expand System Status,

and then click Site Status, the list of Configuration Manager site system roles and

their current status appears in the results pane, the Software update point role is

listed , and displays a status of OK :

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System Center 2012 Configuration	Ma	nager (Conne	cted to MCM - SC2012_Con	figMgr_Primary_Site) (Evaluat	tion, 180 days left)		_ & ×
Home							^ 🕐
Searches •	itart	😱 Refresh					
		Ourseisuu b	Susham Shahua A Sika Shah				
The second seco	•	Overview •	System Status 🕨 Site Stati	JS			▲ 👻
Monitoring	< 5	Site Status 12	items				
A Overview	1	Search				🗙 🔎 Search	Add Criteria 🔻
Alerts		icon Statu	s Site System	Site System Role	Storage Object	Total	Site Code
🐊 Queries	Г	🕑 ок	\\ConfigMgr2012.Con	Application Catalog web servi	\CONFIGMGR2012.CONTOSO.MSFT	127 GB	MCM
Reporting	L	🕢 ок	\\ConfigMgr2012.Con	Application Catalog website p	\\CONFIGMGR2012.CONTOSO.MSFT	127 GB	MCM
🙀 Site Hierarchy	L	🕢 ок	\\CONFIGMGR2012.C	Component server	\\CONFIGMGR2012.CONTOSO.MSFT	127 GB	MCM
🔺 🚞 System Status	L	🕑 ок	\\ConfigMgr2012.Con	Distribution point	\\ConfigMgr2012.Contoso.msft\C\$	59.9 GB	MCM
Dite Status	=	🕢 ок	\\ConfigMgr2012.Con	Distribution point	\\ConfigMgr2012.Contoso.msft\E\$	127 GB	MCM
Gomponent Status		🕢 ок	\\ConfigMgr2012.Con	Fallback status point	\\CONFIGMGR2012.CONTOSO.MSFT	127 GB	MCM
Conflicting Records	L	🕢 ок	\\ConfigMgr2012.Con	Management point	\\CONFIGMGR2012.CONTOSO.MSFT	0 Bytes	MCM
🗓 Status Message Queries	L	🕢 ок	\\ConfigMgr2012.Con	Reporting services point	\\CONFIGMGR2012.CONTOSO.MSFT	127 GB	MCM
Deployments	L	🕢 ок	\\ConfigMgr2012.Con	Site database server	CM_MCM Transaction Log	214.1 MB	MCM
Client Status	L	🕢 ок	\\ConfigMgr2012.Con	Site database server	CM_MCM Database	5 GB	MCM
🗟 Database Replication	L	🕢 ок	\\ConfigMgr2012.Con	Site server	\\ConfigMgr2012.Contoso.msft\E\$\P	127 GB	MCM
Distribution Status		🕢 ок	\\ConfigMgr2012.Con	Software update point	\\CONFIGMGR2012.CONTOSO.MSFT	127 GB	MCM
🛐 Software Update Point Synch	Ŧ						
Assets and Compliance							
👘 Software Library							
Monitoring							
Administration							
	•	e					•
Ready							

25) Click **Component Status** , in the results pane , click **SMS_WSUS_CONTROL_MANAGER** , and then on the **Ribbon** , click **Show Messages** , click **All** :

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System Center 2012 Configuration M	1anage	r (Connected	to MCM - SC2012_ConfigMgr_Primary_Site) (Eva	luation, 180 days left)			_ 8 ×
Home							^ 🔞
Saved Saved Searches All Denen	art t	Refresh Pr	roperties				
Error Ig I	Over	view 🕨 Syst	tem Status 🕨 Component Status				- 2
Warning							
Monitoring Information 4	Comp	onent Status	59 items				
 Overview 	Sear	ch .			Q × 9	Search	Add Criteria 🔻
Alerts	Icon	Status	Component	Site System	Туре	Site Code	*
🍃 Queries	0	OK	SMS_POLICY_PROVIDER	CONFIGMGR2012.CO	Monitored Thread Comp	MCM	
Reporting	0	OK	SMS_PORTALWEB_CONTROL_MANAGER	CONFIGMGR2012.CO	Monitored Thread Comp	MCM	
Site Hierarchy	Ø	OK	SMS_REPLICATION_CONFIGURATION_MONITOR	CONFIGMGR2012.CO	Monitored Thread Comp	MCM	
 System Status 	0	OK	SMS_REPLICATION_MANAGER	CONFIGMGR2012.CO	Monitored Thread Comp	MCM	
No Site Status		OK	SMS_RULE_ENGINE	CONFIGMGR2012.CO	Monitored Thread Comp	MCM	
Gomponent Status	0	OK	SMS_SCHEDULER	CONFIGMGR2012.CO	Monitored Thread Comp	MCM	
Conflicting Records	0	OK	SMS_SITE_BACKUP	CONFIGMGR2012.CO	Unmonitored Service Co	MCM	
🚺 Status Message Queries	0	OK	SMS_SITE_COMPONENT_MANAGER	CONFIGMGR2012.CO	Component Not Installe	MCM	
Poployments	0	OK	SMS_SITE_CONTROL_MANAGER	CONFIGMGR2012.CO	Monitored Thread Comp	MCM	
Client Status	0	OK	SMS_SITE_SQL_BACKUP	CONFIGMGR2012.CO	Monitored Service Comp	MCM	
🕞 Database Replication	0	OK	SMS_SITE_SYSTEM_STATUS_SUMMARIZER	CONFIGMGR2012.CO	Monitored Thread Comp	MCM	
Distribution Status	0	OK	SMS_SITE_VSS_WRITER	CONFIGMGR2012.CO	Monitored Service Comp	MCM	
🖏 Software Update Point Synch 👻		OK	SMS_SOFTWARE_INVENTORY_PROCESSOR	CONFIGMGR2012.CO	Monitored Thread Comp	MCM	
		OK	SMS_SOFTWARE_METERING_PROCESSOR	CONFIGMGR2012.CO	Monitored Thread Comp	MCM	
Assets and Compliance	V	ОК	SMS_SRS_REPORTING_POINT	CONFIGMGR2012.CO	Monitored Thread Comp	MCM	
👘 Software Library	V	ОК	SMS_STATE_SYSTEM	CONFIGMGR2012.CO	Monitored Thread Comp	MCM	
Monitoring		ОК	SMS_STATUS_MANAGER	CONFIGMGR2012.CO	Monitored Thread Comp	MCM	-
Monitoring	\checkmark	ОК	SMS_WINNT_SERVER_DISCOVERY_AGENT	CONFIGMGR2012.CO	Unmonitored Thread Co	MCM	
Administration		ОК	SMS_WSUS_CONFIGURATION_MANAGER	CONFIGMGR2012.CO	Monitored Thread Comp	MCM	
		ОК	SMS_WSUS_CONTROL_MANAGER	CONFIGMGR2012.CO	Monitored Thread Comp	MCM	
Pandy	•	Warning	SMS WISHS SYNC MANAGER	CONFIGMER2012 CO	Monitored Thread Comp	MCM	¥
roudy							

26) The Status Messages : Set Viewing Period dialog box appears prompting

for the age of status messages to display :

Status Messages: Set Viewing Period ? Set a date and time or select a preset date and time. The viewer will include only messages on or after this time.
Value Specify date and time 3/22/2012 7:22:10 AM (UTC-08:00) Pacific Time (US & Canada)
 Select date and time 1 day ago
OK Cancel Skip

27) Click **OK** to view messages for the previous 24 hours . The messages with IDs of **1013** ,**1014** ,**1015** , these messages indicate that the component should be installed , is being installed , and has been installed. The most recent message , with an ID of **500** , indicates that the component was started . This messages are an indication that the software update point has been installed successfully :

Config	Configuration Manager Status Message Viewer for <mcm> <sc2012_configmgr_primary_site></sc2012_configmgr_primary_site></mcm>										
File Edit	View He	elp									
🖪 🎒	🗈 🗙		$\nabla \odot $	Original Query			•				
Severity	Туре	Sit	Date / Ti	System	Component	Message	Description				
٩	Milest	MCM	3/22/20	CONFIGM	SMS_WSUS_CONTROL_MANAGER	4629	Component Status Summarizer detected that t				
I	Milest	MCM	3/22/20	CONFIGM	SMS_WSUS_CONTROL_MANAGER	500	This component started.				
Q	Milest	MCM	3/22/20	CONFIGM	SMS_WSUS_CONTROL_MANAGER	1015	Site Component Manager successfully installed				
I.	Milest	MCM	3/22/20	CONFIGM	SMS_WSUS_CONTROL_MANAGER	1014	Site Component Manager is installing this comp				
I	Milest	MCM	3/22/20	CONFIGM	SMS_WSUS_CONTROL_MANAGER	1013	Site Component Manager detected that this co				
							Þ				
Command (Query:5 o	f 5 mess	sages displaye	ed. 0 selected.							

28) Close this Status Message window. Click the Software Library workspace,

expand Software Updates , and then click All Software Updates :

System Center 2012

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Software Update Document

Folder Tools System	1 Center 2012 Configuration Man	ager (Connected to MCM - SC2	012_ConfigMgr_Primary_Site) ((Evaluation, 180 days left)	_ 8 ×
Home Folder					^ 🕐
Synchronize Software Updates All Software Updates	Schedule mmarization s Search				
🗲 🔶 👻 🚺 🔪 > Software Libra	ary ► Overview ► Software Up	odates 🕨 All Software Updates			- 🕏
Software Library <	All Software Updates 0 items				
🔺 💣 Overview	Search			🗙 🔎 Search	Add Criteria 🔻
Application Management	Icon Title	Bulletin ID Required I	nstalled Percent Compliant	Downloaded Deployed	
 Software Updates All Software Updates Software Update Groups Deployment Packages Automatic Deployment Rules Operating Systems 			No items found.		
 Assets and Compliance Software Library Monitoring 					
Administration					

29) By default , no updates are listed , this is due to the fact that synchronization has not yet occurred . On the **Ribbon** , click **Synchronize Software Updates** :

System Center 2012 Configuration Manager RTM Software Update Document



30) A Configuration Manager message box appears prompting to run the

synchronization process on the site :

Configura	ition Manager	×
1	Run Synchronization You can review the synchronization process by checking the SMS_WSUS_SYNC_MANAGER component in the Component Status node of the Monitoring workspace. Are you sure that you want to initiate a site-wide synchronization of software updates?	
	Yes No	

31) Click Yes , the synchronization process is initiated , this process may take a

few hours to complete .

32) Click the Monitoring workspace , in the results pane , click

SMS_WSUS_Sync_Manager , and then on the Ribbon , click Show Messages ---

All :

🕼 System Center 2012 Configuration Manager (Connected to MCM - SC2012_ConfigMgr_Primary_Site) (Evaluation, 179 days left) 📃 🗗 🗙											
✓ Home						^ 🕜					
	5	🔉 Refresh									
			Proceeding .								
Searches • Messages • Counts •	aveu Show Reset Static Properces										
Search All anent Properties											
Bror n > Ovendew > System Status > Component Status											
A Warning y Contractory System Status Component Status											
Monitoring (i) Information < Component Status 59 items											
Alerts	Sei	arch			🗙 🔎 Search	Add Criteria 🔻					
🐊 Queries	Icon	Status	Component	Site System	Type Site Cod	·					
Reporting		ОК	SMS_WSUS_SYNC_MANAGER	CONFIGMGR2012.CO	Monitored Thread Comp MCM						
Site Hierarchy	0	ОК	SMS_WSUS_CONTROL_MANAGER	CONFIGMGR2012.CO	Monitored Thread Comp MCM						
 System Status 	0	ОК	SMS_WSUS_CONFIGURATION_MANAGER	CONFIGMGR2012.CO	Monitored Thread Comp MCM						
Dite Status	0	ОК	SMS_WINNT_SERVER_DISCOVERY_AGENT	CONFIGMGR2012.CO	Unmonitored Thread Co MCM	=					
Component Status	0	OK	SMS_STATUS_MANAGER	CONFIGMGR2012.CO	Monitored Thread Comp MCM						
Conflicting Records	0	ОК	SMS_STATE_SYSTEM	CONFIGMGR2012.CO	Monitored Thread Comp MCM						
🔢 Status Message Queries	0	OK	SMS_SRS_REPORTING_POINT	CONFIGMGR2012.CO	Monitored Thread Comp MCM						
Deployments	0	ОК	SMS_SOFTWARE_METERING_PROCESSOR	CONFIGMGR2012.CO	Monitored Thread Comp MCM						
Client Status	0	OK	SMS_SOFTWARE_INVENTORY_PROCESSOR	CONFIGMGR2012.CO	Monitored Thread Comp MCM						
👌 Database Replication	0	OK	SMS_SITE_VSS_WRITER	CONFIGMGR2012.CO	Monitored Service Comp MCM						
Distribution Status	Distribution Status		SMS_SITE_SYSTEM_STATUS_SUMMARIZER	CONFIGMGR2012.CO	Monitored Thread Comp MCM						
Software Update Point Synch	0	OK	SMS_SITE_SQL_BACKUP	CONFIGMGR2012.CO	Monitored Service Comp MCM						
🖶 System Center 2012 Endpoin 🧧	0	OK	SMS_SITE_CONTROL_MANAGER	CONFIGMGR2012.CO	Monitored Thread Comp MCM						
Accests and Compliance	0	OK	SMS_SITE_COMPONENT_MANAGER	CONFIGMGR2012.CO	Component Not Installe MCM						
Assets and compliance	0	OK	SMS_SITE_BACKUP	CONFIGMGR2012.CO	Unmonitored Service Co MCM						
👘 Software Library	0	OK	SMS_SCHEDULER	CONFIGMGR2012.CO	Monitored Thread Comp MCM						
Monitoring	0	OK	SMS_RULE_ENGINE	CONFIGMGR2012.CO	Monitored Thread Comp MCM						
	V	OK	SMS_REPLICATION_MANAGER	CONFIGMGR2012.CO	Monitored Thread Comp MCM						
Administration	V	OK	SMS_REPLICATION_CONFIGURATION_MONITOR	CONFIGMGR2012.CO	Monitored Thread Comp MCM						
-	. 🗸	OK	SMS_PORTALWEB_CONTROL_MANAGER	CONFIGMGR2012.CO	Monitored Thread Comp MCM						
Ready		OK	SMS_DOLICY_DROVIDED	CONFIGMER2012 CO	Monitored Thread Comp MCM	v					

33) The Status Messages : Set Viewing Period dialog box appears allowing

you to configure the age of the status messages to display :

Specify date and time 3/23/2012 (UTC-08:00) Pacific Time (US & Canada)]
(UTC-08:00) Pacific Time (US & Canada)	- -
(UTC-08:00) Pacific Time (US & Canada)	
Colort data and fina	_
Select date and time	
1 day ago	•

34) Click OK to show messages from the past day . The most recent messages

with IDs of "6701", "6705", "6702". These messages indicate the sync process has **starded**, is **in progress**, and **completed**, respectively :

📭 Configuration Manager Status Message Viewer for <mcm> <sc2012_configmgr_primary_site></sc2012_configmgr_primary_site></mcm>											
File Edit View Help											
□ 🖬 🖶 🖎 🖏 ▽ ● Original Query											
Severity	Туре	Sit	Date / Time	System	Component	Mess	Description				
٩	Milest	MCM	3/23/2012 8:05:49 AM	ConfigMgr	SMS_WSUS_SYNC_MANAGER	6702	WSUS Synchronization done.				
Q	Milest	MCM	3/23/2012 7:47:19 AM	ConfigMgr	SMS_WSUS_SYNC_MANAGER	6705	WSUS Synchronization in progress. Current phase: Synchroniz	ái			
Q	Milest	MCM	3/23/2012 7:46:18 AM	ConfigMgr	SMS_WSUS_SYNC_MANAGER	6701	WSUS Synchronization started.	-1			
1								ſ			
Command	Command Query : 40 of 40 messages displayed. 1 selected.										

35) In the navigation pane , click **Software Update Point Synchronization Status** , the status is **Completed** , no synchronization source listed , the dates and times of the last synchronization attempt and last successful synchronization , as well as the **Catalog Version 1** :

System Center 2012

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Software Update Document

System Center 2012 Configuration	ı Mi	anager (Connec	ted to MCM - SC	2012_Co	onfigMgr_Primary_Site)	(Evaluation, 17	9 days left)		_ 8 ×
Home									^ 🕜
Saved Searches • Search									
🗲 🔶 👻 🚳 🛝 🕨 Monitoring	٠	Overview +	Software Update	Point Sync	hronization Status				- 2
Monitoring	<	Software Upda	te Point Synchro	nization	Status 1 items				
🔺 🔳 Overview	🗙 🔎 Search	Add Criteria 🔻							
Alerts		Icon Site Code	Software Updat	te Point	Synchronization Source	Catalog Version	Last Synchronization Attempt	Synchronization Sta	tus Last Sy
🝃 Queries		🕗 мсм	CONFIGMGR2	012.CO		1	3/23/2012 8:05 AM	Completed	0X000
Reporting									
🙀 Site Hierarchy									
🔺 🚞 System Status									
Dite Status	Ξ								
Gomponent Status		4							
I Conflicting Records I Status Message Queries		CONFIGM	GR2012.CON	TOSO.N	ASFT				v
Poployments		Software Upd	late Point Synchr	onization	Status				
Client Status		Site Code:		MCM					
Database Replication		Software U	pdate Point:	CONFIG	MGR2012.CONTOSO.MS	FT			
Distribution Status		Synchroniz	ation Source:						
Software Update Point Synch	Ŧ	Last Synchi	rsion:	1					
kssets and Compliance		Attempt: Synchroniz	ation Status:	3/23/20 Complet	12 8:05 AM ed				
👘 Software Library		Last Synch Code:	ronization Error	0X00000	0000				
Monitoring		Link State: Link Time:							
Administration		Catalog Las	st Updated:	3/23/20	12 8:05 AM				
	•								

36) Open Wsyncmgr.log, you can see the synchronizing details :

😭 SMS Tra	ce - [\\Configmgr2012\:	sms_mcm\Logs\v	wsyncmgr.log]	<u> </u>						
🗿 File 🛛 Too	ols Window Help			_ & ×						
i 🖻 📃 🍯	3 🖻 🗛 🔢 🔲									
Log Text										
Synchronized	update 00797a02-0e57-4da	e-b2d7f800547d8f5	56 - Update for Windows 7 (KB2639308).							
Synchronized	update 23b897af-37bd-426	0-839b-ba0f8382cfeb	b - Windows Malicious Software Removal Tool - March 2012 (KB890830).							
Synchronized update 891a7e8a-8d8f-4f4b-a7ac-0dbcad97bdc8 - Windows Malicious Software Removal Tool x64 - March 2012 (KB890830).										
Synchronized	Synchronized update 0aabbe&f-5687-4f01-8e9a-9e861f5f91&f - Update for Windows Server 2008 R2x64 Edition (KB2608658).									
sync: SMS sy	nchronizing updates, proces	sed 2981 out of 2981	11 items (100%)							
sync: SMS sy	nchronizing updates, proces	sed 2981 out of 2981	11 items (100%)							
Removing un	Removing unreferenced updates									
sync: SMS performing cleanup										
Done synchro	nizing SMS with WSUS Ser	ver configmgr2012.co	contoso.msft							
STATMSG: I	D=6702 SEV=I LEV=M SOU	RCE="SMS Server"	COMP="SMS_WSUS_SYNC_MANAGER" SYS=ConfigMgr2012.Contoso.ms	sft SITE=MCM PI						
Sync succeed	ded. Setting sync alert to car	nceled state on site M	MCM							
Updated 1954	4 items in SMS database, ne	w update source con	ntent version is 1							
Set content v	ersion of update source {013	305950-3142-44C4-8	36BB-2236EC8EDCE2} for site MCM to 1							
Sync time: 0d	00h19m30s									
Date/Time:	1/1/1601 12:00:00 AM	Component:	SMS WSUS SYNC MANAGER							
Thread:	4184 (0x1058)	Source:								
Wakeup by S	CE change									
Wakeup by 3										
				-						
				<u></u>						

37) Click the Software Library workspace, will displaying the available

	C-1-2012 C-C		dia mening	52042 CF			-1	1			
Tallana Faldan	Center 2012 Configuratio	n manager (Connecte	a to MCM - 5	L2012_Conn	gmgr_prima	ry_Site) (EV	aluation, 179	days left)			
Synchronize Run S	Thefule Saved Download Create Software		Membership iew License	Deploy	Move	Properties			•		
Software Updates Summarization Sun	mmarization Searches •	Update G	Group								
All Software Updates Reports	Search		Update		Deploymen	t Move	Properties			_	
🗲 🔶 👻 🚺 👌 🖌 Software Libra	ary 🕨 Overview 🕨 Softv	vare Updates 🕨 All S	oftware Update	s					•	2	
Software Library < All Software Updates 564 items											
4 🗃 Overview	Search	Search X 🔎 Search Add Criter									
Application Management	Icon Title	Bulletin ID	Required	Installed	Percent Com	pliant D	ownloaded	Deployed	•		
🔺 🛄 Software Updates	Security Update	for .NET Framework 3	MS11-044	0	0	0	N	10	No		
All Software Updates	Microsoft .NET F	ramework 3.5 SP1 Up		0	0	0	N	10	No		
loftware Update Groups	Cumulative Secu	rity Update for Intern	MS12-010	0	0	0	N	4o	No		
🛐 Deployment Packages	Cumulative Security	rity Update for Intern	MS12-010	0	0	0	N	ło	No		
📝 Automatic Deployment Rules	Cumulative Secu	rity Update for Intern	MS12-010	0	0	0	N	ło	No		
Operating Systems	Cumulative Secu	rity Update for Intern	MS12-010	0	0	0	N	10	No		
	Cumulative Secu	rity Update for Active	MS11-090	0	0	0	N	10	No		
	Cumulative Secu	rity Update for Active	MS11-090	0	0	0	N	ło	No		
	Cumulative Secu	rity Update for Active	MS11-090	0	0	0	N	4o	No	Ŧ	
	•								•		
	Cumulative Securi	ty Update for Ac	tiveX Killbi	ts for Win	dows 7 (K	B261845	1)			*	
	Detail Statistics									^ 	
ssets and Compliance	Severity: Bulletin ID: Article ID:	Critical MS11-090 2618451						Compliant: Required: (Not Requir	0) ed: 0	=	
👘 Software Library	Date Released:	12/13/2011 10	:00 AM	Unknown: 3				3			
Monitoring	Date Released or Rev Superseded: Expired: Update Classification:	ised: 12/13/2011 10 No No "Security Upda	1:00 AM Ites''		Total A	sset Count:	3 (Last Upda	ate: 3/23/2012 8:37	:42 AM)		
*	Summary Deployment	NO									
Ready		-		_							

software updates from the All Software Updates node :
5. Generating Update Status on the SC2012 ConfigMgr RTM Client :

1) Logon to Client computer , in Control Panel , click System and Security ,

and then start Configuration Manager , click Actions tab , click Machine Policy

Retrieval & Evaluation Cycle :

Cache	Configuratio	ns		Network
General	Components	Action	ns	Site
Select an action t configured in the	o run a client cycle inde Configuration Manager c	pendently fr console.	rom sch	edules that are
Actions:				
Application Dep	loyment Evaluation Cycl	е		
Discovery Data	Collection Cycle			
File Collection C	ycle			
Hardware Inven	tory Cycle			
Machine Policy	Retrieval & Evaluation C	ycle		
Software Invent	ory Cycle			
Software Meteri	ng Usage Report Cycle			
Software Update	es Deployment Evaluatio	on Cycle		
Software Update	es Scan Cycle			
User Policy Retr	ieval & Evaluation Cycle			
Windows Install	er Source List Update C	ycle		
			R	un Now

2) Click Run Now, the configuration manager client will request new policies,

which will include the policy related to the active software update point and catalog

version . A Machine Policy Retrieval & Evaluation Cycle message box appears

indicating the action was initiated , and may take several minutes to complete :

🔩 Machine Policy Retrieval & Evaluation Cycle	×
The selected cycle will run and might take several minutes to finish.	
ОК	

3) Click **OK**, and then click **Software Updates Scan Cycle**:

🛼 Configuration I	Manager Properties			×					
Cache	Configuration	s	Netv	vork					
General	Components	Actions	;	Site					
Select an action to run a client cycle independently from schedules that are configured in the Configuration Manager console.									
Actions:									
Application Dep	loyment Evaluation Cycle								
Discovery Data	Collection Cycle								
File Collection C	ycle								
Hardware Inver	tory Cycle								
Machine Policy	Retrieval & Evaluation Cy	cle							
Software Invent	ory Cycle								
Software Meter	ng Usage Report Cycle								
Software Updat	es Deployment Evaluation	n Cycle							
Software Updat	es Scan Cycle	-							
User Policy Ret	rieval & Evaluation Cycle								
Windows Instal	er Source List Update Cv	cle							
			Run No	ow					
	ОК	Can	cel	Apply					

4) Click Run Now , A Software Updates Scan Cycle message box appears

indicating the action was initiated , and may take several minutes to complete :



5) Click OK and back to ConfigMgr2012 server , Click the Software Library

workspace for **Configuration Manager Console**, on the **Ribbon**, click **Run Summarization**:

	Folder Tools Syst	em Center 201	12 Configuratio	n Manager (Connecte	d to MCN	1 - SC2012_Cor	nfigMgr_Pr	ima ry_ Sit	te) (Evalua
Home	Folder								
2			Ŕ	1		[®] Edit Membershij	° 🚽		
Synchronize Software Updates	Run Summarization	Schedule ummarization	Saved Searches •	Download Create Soft Update G	tware roup	Review License	Depl	oy 1	Move P
All Software Updates	Repo	rts	Search		Update		ment I	Move P	
← → • 💽	\ ► Software Li	brary 🕨 Ove	rview 🕨 Softv	vare Updates 🔸 All Sc	oftware Up	odates			
Software Library		< All Softwa	re Updates 564	4 items					
🔺 💣 Overview		Search							
Application	Management	Icon	Title			Bulletin ID	Required	Installed	Percent
🔺 🚞 Software U	pdates	1	Update for Wind	ows 7 for x64-based Sys	tems (0	0	0
🛃 All Softwa	are Updates		Update for Wind	ows Server 2008 R2 for I	Itaniu		0	0	0
lange av ter state and the second sec	Update Groups	-	Update for Wind	ows Server 2008 R2 x64	Editio		0	0	0
💽 Deploym	ent Packages	1	Update for Wind	ows 7 (KB2264107)			0	0	0
📑 Automati	c Deployment Rul	es 减	Security Update	for Windows Server 2008	3 R2 x	MS11-002	0	0	0
🕨 📔 Operating S	Systems	-	Security Update	for Windows 7 (KB24196	i40)	MS11-002	0	0	0
		-	Security Update	for Windows Server 2008	3 R2 fo	MS11-002	0	0	0
		-	Security Update	for Windows 7 for x64-ba	ased S	MS11-002	0	0	0
		- A	Security Update	for Windows Server 2008	3 R2 x	MS10-101	0	0	0

6) A Configuration Manager message box appears indicating that this will

summarize compliance throughout the hierarchy :



7) Click OK and refresh the All Software Updates node of the console,

Folder Tools System	Center 2012 Confi	iguration Mana	ger (Connected to MC	M - 5C2012_C	onfigMgr_P	rimary_Site) (Evaluation, 179	days left)	_ 8 ×
Home Folder		_							^ (?)
Synchronize Software Updates All Software Updates	ichedule Sa marization Sear Sear	ved ches •	load Create Software Update Group Update	Edit Membersl Review Licens	hip e Dep Deploy	loy Ma	ove Properties		
🗲 🔶 🝷 💽 🛝 🕨 Software Libra	ry 🕨 Overview I	 Software Upd 	lates 🕨 All Software U	pdates					- 2
Software Library <	oftware Library All Software Updates 564 items Search Action Search Sear								Add Criteria 🔻
Application Management									
Application Management	Icon Title	Undata for NET	Framowork 2 E 1 on	ME11-044	2 Required	Installed	Percent Compliant	Downloaded	Depi
All Software Updates	Security	Undate for Micro	soft .NET Framework	MS11-100	3	0	0	No	No
Software Update Groups	Window	s Malicious Softw	are Removal Tool x64		3	0	0	No	No
Deployment Packages	Security	Update for Micro	soft .NET Framework	MS11-078	3	0	0	No	No
Automatic Deployment Rules	Security	Update for Micro	soft .NET Framework	MS12-016	3	0	0	No	No
Operating Systems	Update f	for Windows Serv	ver 2008 R2 x64 Editio		2	0	33	No	No
	Security	Update for Wind	ows Server 2008 R2 x	MS11-083	2	0	33	No	No
	Security	Update for Wind	ows Server 2008 R2 x	MS11-085	2	0	33	No	No
	Security	Update for Wind	ows Server 2008 R2 x	MS11-071	2	0	33	No	No *
	•							-	•
	Security Upo	late for .NE	Framework 3.5.	1 on Windo	ws 7 and	Window	s Server 2008	R2 SP1 for x64	-based S 👻
	Detail				Statisti	cs			<u>^</u>
						_			
Assets and Compliance	Severity: Bulletin ID:		Critical MS11-044					Compliant: Required: 3)
Software Library	Date Released	d:	2518869 6/14/2011 10:00 AM					Unknown: 0	
Monitoring	Date Released Superseded:	Date Released: 6/14/2011 10:00 AM Date Released or Revised: 6/14/2011 10:00 AM Superseded: No			Total Asset Count: 3 (Last Update: 3/23/2012 9:21:02 A				
Administration	Expired: Update Classi NAP Evaluatio	Expired: No Update Classification: "Security Updates" NAP Evaluation: No							÷
	Summary Depl	oyment							
Ready									

notice that some updates now displays 3 in the Required column :

6. Deploying Software Updates using Configuration Manager Software Update Management :

1) On the All Software Updates node , under Title , multi-select Required is

non zero update and click Create Software Update Group on the Ribbon :

Folder Tools System	Center 201	2 Configuration	Manager (Co	nnected to M	CM - 5C2012	_ConfigMg	gr_Primary_9	ōite) (Ev	aluation, 179) days left)	- 8	
Home Folder											^	0
2			1	51	🥖 Edit Memb	ership	-					
Synchronize Run S	chedule	Saved	Download Cre	ate Software	- Review Lic	ense	Deploy	Move	Properties			
Software Updates Summarization Sum	marization	Searches •	U	date Group			anlaumant	Maura	Droportion			
Air Sortware opulates Reports		Search		opuate			epioyment	Move	Properties			
← → ▼ 🗟 \ ► Software Librar	y 🕨 Over	view 🕨 Softwa	are Updates 🔸	All Software	Updates						-	2
Software Library <	All Softwa	re Updates 564	items									
4 💣 Overview	Search									🗙 🔎 Search	Add Criteria	a 🔻
Application Management	Icon 1	ïtle			Bulletin ID	Required	Installed	Percen	t Compliant	Downloaded	Deploye	ed ^
🔺 🚞 Software Updates	-	Update for Windo	ws 7 for x64-ba	sed System		1	0	67		No	No	
🗟 All Software Updates	1	Cumulative Secur	ity Update for A	ctiveX Killbi	MS11-090	1	0	67		No	No	
🚮 Software Update Groups	1	Security Update f	or Windows 7 fo	or x64-base	MS11-092	1	0	67		No	No	
🛐 Deployment Packages	in the second	Update for Windo	ws 7 for x64-ba	sed System		1	0	67		No	No	
📑 Automatic Deployment Rules	1	Security Update f	or Windows 7 fo	or x64-base	MS12-019	1	0	67		No	No	
Operating Systems	2	Update for Windo	ws 7 for x64-ba	sed System		1	0	67		No	No	
	2	Update for Windo	ws 7 for x64-ba	sed System		1	0	67		No	No	
	1	Update for Windo	ws 7 for x64-ba	sed System		1	0	67		No	No	
	1	Security Update f	or Windows 7 fo	or x64-base	MS11-083	1	0	67		No	No	
	÷.	Security Update f	or Windows 7 fo	or x64-base	MS11-059	1	0	67		No	No	
	÷.	Update for Windo	ws 7 for x64-ba	sed System		1	0	67		No	No	
	-	Security Update f	or Microsoft .NE	T Framewo	MS11-066	1	0	67		No	No	
	N	Security Update f	or Windows 7 fo	or x64-base	MS11-043	1	0	67		No	No	
Assets and Compliance	N	Security Update f	or Windows 7 fo	or x64-base	MS11-063	1	0	67		No	No	
	÷.	Update Rollup for	ActiveX Killbits	for Window		1	0	67		No	No	
Software Library	÷.	Security Update f	or Windows 7 fo	or x64-base	MS11-068	1	0	67		No	No	
Monitoring	-	Update for Windo	ws 7 for x64-ba	sed System		1	0	67		No	No	
	N	Security Update f	or Windows 7 fo	or x64-base	MS11-053	1	0	67		No	No	
Administration	1	Update for Windo	ws 7 for x64-ba	sed System		1	0	67		No	No	
•	-	Update for Windo	ws 7 for x64-ba	sed System		1	0	67		No	No	Ŧ
3 items selected.												

2) Will display Create Software Update Group dialog box :

Create Software	Update Group	I
Name:		
Description:		
	Create Cancel	

3) Enter name for the Name field and click Create , click Software Update

Groups node , you can see the just created update group :

-											aate s		
System Center 2	012 Configuration	Manager (C	onnected to I	MCM - 5C20	12_ConfigM	gr_Primary_	Site) (Evalua	tion, 179 da	iys left)			- 5	
Home												^	0
2		Ŕ	-	4		Refresh		6					
Synchronize Software Updates	Schedule Summarization	Saved Searches •	Show I Members	Download Su	Run Immarization	Conte	Deploy	Set Securit Scopes	ty Properties				
All Software Updates	Reports	Search		Updat	e Group		Deployment	Classify	Properties				
← → - 🗊	\ ▶ Software Libr	ary 🕨 Ove	erview 🕨 So	oftware Updat	tes 🕨 Softv	ware Update G	roups					•	2
Software Library		Software	Update Grou	ıps 1 items									
🔺 💣 Overview		Search								\times	🔎 Search	Add Criteria	•
Application	Management	Icon	Name	•	Descripti	Date Create	d Last Dat	e Modified	Percent Compli	Created By	Deployed	Downloaded	Nu
🔺 🚞 Software Up	odates	1	Windows 7 U	pdates Group		3/23/2012	7:5 3/23/20	012 7:51	0	CONTOSO\	No	No	0
🗟 All Softwa	re Updates												
lange Software I	Update Groups												
🛐 Deployme	ent Packages												
📑 Automatio	: Deployment Rules												
🕨 🚞 Operating S	ystems												
		•											•
		Windo	ows 7 Upd	ates Grou	р								~
		Detail						Statistics	3				
		Date Desc Dowr Depk	Created: iption: loaded: oyed:	3) Ni Ni	/23/2012 7:5 o o	51 PM					Compl Non-c Unknc	liant: 0 ompliant: 0 wn: 0	
Assets and Co	ompliance	Num Deplo	per of Collecti yed to:	ons 0					No D	ata (Last Upda	ite: Never)		
Software Libr	ary												
Monitoring													
Administratio	n												
		Summar	y Deployme	ent									
Ready													

4) This data is not up to date , as summarization has not occurred yet . Click

Show Members on the Ribbon :



5) This group members are displayed in the results pane with compliance

data displayed in the preview pane :

System Center 2012 Configuration Manager RTM

Software Update Document

	Selected Object	Folder Tools	System Center 20	12 Configuration	ı Manager (C	onnected to	MCM - 5C2	012_ConfigMgr_Prin	nary_Site) (Evaluatio	on, 179 day	- 8 ×
- Home	Update Group	Close									^ 🕐
Download Run Summaria Update 0	Zation Group	Deploy Deploymer	Set Security Scopes	Properties							
← → -	\ ► Software Li	ibrary 🕨 (Overview 🕨 Softwa	re Updates 🕨 🖌	All Software Up	dates ► Wi	ndows 7 Up	dates Group			- 2
Software Library		< Windo	ws 7 Updates Group	3 items					x ps	earch Add O	riteria 💌
Application	Management	Icon	Title		Bulletin ID	Required	Installed	Percent Compliant	Downloaded	Deployed	
A 📋 Software U	pdates	icon	Security Update fo	r Windows 7 fo	MS11-083	1	0	67	No	No	
🔺 🐻 All Softw	are Updates	-	Security Update fo	r Windows 7 fo	MS11-092	1	0	67	No	No	
🟹 Window	ws 7 Updates Grou	p 👼	Security Update fo	r Windows 7 fo	MS12-019	1	0	67	No	No	
lange Software	Update Groups										
🛐 Deploym	ent Packages										
📑 Automati	ic Deployment Rule	es									
🕨 🧮 Operating	Systems										
		Sec	urity Update for	Windows 7	for x64-ba	ised Syste	ms (KB2	588516)			~
		Deta	il				Stat	istics			
		Se Bu Ari Da	verity: Illetin ID: ticle ID: ite Released:	Critical MS11-083 2588516 11/8/2011	10:00 AM					Compliant: 0 Required: 1 Not Required: 2 Unknown: 0	
👷 Assets and C	ompliance	Da	ite Keleased or Revis iperseded:	ed: 11/8/2011 No	10:00 AM			Total Asset Count:	3 (Last Update: 3/23)	/2012 9:21:02 A	M)
Software Lib	rary	Ex	pired:	No							
Monitoring	-	N/	date Classification: AP Evaluation:	"Security L No	Ipdates"						
Administrati	on										
		Summ	nary Deployment								
Ready											

6) Click Software Update Groups , on the Ribbon , click Deploy :



7) The Deploy Software Updates Wizard General dialog box appears :

Deploy Software Updates	5 Wizard		×
General			
Ceneral Deployment Settings Scheduling User Experience Alerts Download Settings Deployment Package Download Location Language Selection Summary Progress Completion	Specify general info	Interest of this deployment Microsoft Software Updates - 2012-03-23 07:55:45 PM Image: Software - 2012-03-23 07:55:45 PM	
	0		_1
	W	< Previous Next > Summary Cancel	

8) Type relate information and select collection :

Deploy Software Updates	Wizard				×
General					
Ceneral Deployment Settings Scheduling User Experience Alerts Download Settings Deployment Package Distribution Points Download Location Language Selection Summary Progress Completion	Specify general in Deployment Name: Description: The following software u Software Update/Softw Update Group: Select a previously save wizard, you have the op Select Deploym Deploy this software upo Collection:	Iformation for this deployn Windows 7 Updates Updates or software update groups are Windows 7 Updates Group deployment template that defines co tion to save the current configurations ent Template date deployment to the following collect All Desktop and Server Clients	nent included in this deployment. infiguration settings for this deplo as a new deployment template. tion.	yment. Before you	Browse
	0	< Pr	evious Next >	Summary	Cancel

9) Click Next, the Deployment Settings dialog box appears allowing you to

configure if the deployment is **Required** (Mandatory) or **Available** (optional) , as well as the detail level :

Deploy Software Updates	s Wizard		×
Deployment Settin	ngs		
General Deployment Settings Scheduling	Specify deployment se	attings for this deployment	
User Experience Alerts	Specify if this deployment is available	ailable for installation or if it is a required installation.	
Download Settings	Type of deployment:	Required	
Deployment Package Distribution Points	Use Wake-on-LAN to	wake up clients for required deployments	
Download Location	State message detail level.		_
Language Selection	You can specify the state mess	age detail level returned by clients for this software update deployment. A detail level of Normal	
Summary	returns all state messages that and critical error messages.	are related to the deployment. A detail level of Minimal returns only the enforcement success,	
Progress			
Completion	Detail loval:	Nevel	
	Delai level.		
	0	< Previous Next > Summary Cancel	

10) Click **Next**, the **Scheduling** dialog box appears allowing you to configure when the deployment is available to be installed on the client, the deadline as to when the updates must be installed, and whether the time is based on UTC or the client local time :

🔶 Deploy Software Update	s Wizard	×
Scheduling		
General Deployment Settings	Configure schedule details for this deployment	
Scheduling	Chedule evaluation	
Alerts	Specify if the schedule for this deployment is evaluated based upon Universal Coordinated Time (UTC) or the local time of the client.	
Download Settings	Time based on:	
Deployment Package		
Distribution Points	Software available time Specify when software undates are available. Software undates are available as soon as they are distributed to the content	
Download Location	server unless they are scheduled to install at a later time.	
Language Selection		
Summary	• As soon as possible	
Progress	O Specific time:	
Completion	3/23/2012 7:56 PM	
	Installation deadline Specify an installation deadline for required software updates. You can determine the deadline by adding the deadline time to the installation time. When the deadline is reached, required software updates are installed on the device and the device is restarted if necessary. As soon as possible Specific time: Deadline time: 3/30/2012 T:56 PM	
	<previous next=""> Summary Cancel</previous>	J

11) Click **Next**, the **User Experience** dialog box appears allowing you to configure the end user experience with regards to notifications, and the reboot behavior when updates require a system restart, including whether or not installation and reboots should occur outside any configured maintenance windows:

Deploy Software Updates	s Wizard	X		
User Experience				
General Deployment Settings	Specify the user experience for this deployment			
User Experience	User visual experience	7		
Alerts	User notifications: Display in Software Center and show all notifications			
Download Settings				
Deployment Package	- Deadline behavior			
Distribution Points	When the installation deadline is reached, allow the following activities to be performed outside the maintenance window:			
Download Location				
Language Selection				
Summary				
Progress	System restart (if necessary)			
Completion				
Device restart behavior Some software updates require a system restart to complete the installation process. You can suppress this restart on s and workstations.				
	Suppress the system restart on the following devices:			
	Servers			
	Workstations			
	<pre></pre>			

12) Click **Next**, the **Alerts** dialog box appears allowing you to configure whether or not any alert is generated if the percentage of compliant systems is below a specific percent, as well as whether or not to generate an event in Operations Manager for any failure in the update deployment :

Deploy Software Update	s Wizard	×
Alerts		
General Deployment Settings Scheduling User Experience Alerts Download Settings Deployment Package Distribution Points Download Location Language Selection Summary Progress Completion	Specify software update alert options for this deployment. Configuration Manager alerts Specify the criteria for generating a Configuration Manager alert. Generate an alert when the following conditions are met: Client compliance is below the following (percent): 90 Alerts are generate when a specified offset period has elapsed after the previously defined installation deadline. Offset from the deadline time: 7 Alert generation time (represented in local time): 3/30/2012	
	Operations Manager alerts System Center Operations Manager might generate alerts when a device installs a software update. To avoid receiving alerts for planned maintenance, you can disable these alerts during the duration of the software update installation process. Disable Operations Manager alerts while software updates run Generate Operations Manager alert when a software update installation fails	
	<pre> <pre></pre></pre>	

13) Select Generate an alert when the following conditions are met , click

Next :

Deploy Software Updates	Wizard	×
Download Setting	5	
General Deployment Settings Scheduling User Experience Alerts Download Settings Deployment Package Distribution Points Download Location Language Selection Summary Progress Completion	Specify download settings of this deployment Select the deployment option to use when a client is within a slow or unreliable network boundary, or when the client uses a fallback source location for content. Deployment options: Do not install software updates Download software updates from distribution point and install When software updates are not available on any preferred distribution points, clients can download and install software updates from a fallback source location for content. Deployment options:	-
	C Do not install software updates	
	 Download software updates from unprotected distribution point and install 	
	Allow clients to share content with other clients on the same subnet	
	<pre></pre>	

14) The **Download Settings** dialog box appears allowing you to configure whether or not clients can install updates when in slow network boundaries , or when the client' s protected distribution point does not contain the update content . Click **Next** , the **Deployment Package** dialog box appears :

Deploy Software Updates	s Wizard	×
Deployment Packa	age	
General Deployment Settings Scheduling	Specify the package to use	
User Experience Alerts	The deployment package contains the software update files that will be available to clients as part of the deployment. You can select an existing deployment package or create a new one.	
Deployment Package Distribution Points	C Select deployment package:	
Download Location Language Selection	Create a new deployment package:	
Summary	Name:	
Progress	Description:	•
Completion		
	Package source (Example): \\ <server>\dolder path></server>	
	Browse	
	Sending priority:	
	Medium	
	<previous next=""> Summary Cancel</previous>	

15) Enter relate information :

Deploy Software Updates	s Wizard	×
Deployment Packa	age	
General Deployment Settings Scheduling	Specify the package to use	
User Experience Alerts	The deployment package contains the software update files that will be available to clients as part of the deployment. You can select an existing deployment package or create a new one.	
Deployment Package Distribution Points	C Select deployment package: Browse	
Download Location Language Selection Summary	Create a new deployment package: Name:	
Dreaman	Windows 7 Updates	
Progress	Description:	
Completion		
	Package source (Example): \\ <server>\dolder path></server>	
	\\ConfigMgr2012\SoftwareUpdates\Package Browse	
	Sending priority:	
	Medium	
	<pre></pre>	

16) Click Next, the Distribution Points dialog box appears :

🔶 Deploy Software Update	s Wizard				×
Distribution Point	S				
General	Specify the dir	tribution points or dis	tribution point groups to b	oct the contor	.+
Deployment Settings	Specity the dis	and an points of as	subution point groups to n	lost the conten	п
Scheduling					
User Experience	Distribution points o	r distribution point aroups:			
Alerts					
Download Settings	Filter			2	Add 🔻
Deployment Package	Name	Description	Associations		Romovo
Distribution Points		There are no iter	ns to show in this view.		Nelliove
Download Location					
Language Selection					
Summary					
Progress					
Completion					
	1				
				-	
	W		< Previous Next >	Summary	Cancel

17) Click Add , Select Distribution Points , the Add Distribution Points dialog

box appears displaying the list of available distribution points :

dd Distribution Points		×
Add the existing distribution points to a checkboxes below.	distribute content us	ing the
Available distribution points:		
Filter		2
Name		
ConfigMgr2012.Contoso.msft		
		6
	OK	Canad
	UK	Cancel

18) Under Available distribution points , select this DP and click OK :

Deploy Software Update	s Wizard				×
Distribution Points	s				
General	Specify the distri	bution points or distrib	ution point groups to h	oct the contor	at
Deployment Settings	Specity the distri	button points of distrib	ution point groups to n	lost the conte	in
Scheduling					
User Experience	Distribution points or di	stribution point groups:			
Alerts					
Download Settings	Filter			2	Add 👻
Deployment Package	Name	Description	Associations		Remove
Distribution Points	\\ConfigMgr2012.Co	ntoso.msft Distribution point		L	TIGHIOVG
Download Location					
Language Selection					
Summary					
Progress					
Completion					
	1				
				_	
	0		< Previous Next >	Summary	Cancel

19) Click Next, the Download Location dialog box appears :



20) Keep default setting and click Next, the Language Selection dialog box

appears :

Deploy Software Updat	tes Wizard		x
Language Select	ction		
General	Specify the languages of the up	dates	
Deployment Settings	opeony the languages of the up	44105	
Scheduling			
User Experience	Software update files are downloaded for each	n language specified in the Update File column.	
Alerts			
Download Settings		Lindate File	
Deployment Package	Arabic		
Distribution Points	Chinese (Hong Kong S.A.R.)		
Download Location	Chinese (Taiwan)		
Language Selection	Chinese (People's Republic of China)		
Summary	Czech		
Progress	Danish		
Completion	Dutch		
	English		
	Finnish		
	French		
	Geman		
	Greek		
	Hebrew		
	Hungarian		
	Italian		
	Japanese		
	Korean		
	Norwegian		
	Polish		
	0	< Previous Next > Summary Cancel	

21) Click Next to accept the configured language(s), the Summary dialog box

appears indicating you have successfully completed the wizard :

Summary			
General C Deployment Settings Scheduling User Experience Alerts Download Settings Deployment Package Distribution Points Download Location Language Selection Summary Progress Completion	Onfirm the settings Details: Updates Targeted: • Security Update for Windows 7 for x64-based Systems (KB2588516) 2588516(Article ID • Security Update for Windows 7 for x64-based Systems (KB2663364) 2665364(Article ID • Security Update for Windows 7 Updates • Collection: All Desktop and Server Clients Deployment Name: Windows 7 Updates • Collection: All Desktop and Server Clients Deployment Settings: • Sedeuling: • Deployment schedules will be based on: Computer local time • Available to target computers: 3/23/2012 7:56:45 PM • Deseline for software update installation: 3/30/2012 7:56:45 PM User Experience: • User Notifications: Display in Software Center and show all notifications • Install software updates outside the maintenance window when deadline is reached: No • Iser Autifications: Display in Software Genera at Show all notifications • Install software updates outside the maintenance window when deadline is reached: No • Restart system outside the maintenance window when deadline is reached: Suppressed • If a restart is required it will be: Allowed Alerts: • On software update installation error generate a Window Event: No • Disable Vindow Event while software updates install: No	Save As Template	
0	< Previous Next >	Summary Cancel	

22) If you want to create a deployment template , the Save As Template

button is available , click **Next** , the **Progress** dialog box appears :

Deploy Software Updates	s Wizard	\times
Progress		
General Deployment Settings Scheduling User Experience Alerts Download Settings Deployment Package Distribution Points Download Location Language Selection	Status: Working	
Summary Progress		
Completion		
	<previous next=""> Summary Cancel</previous>]

23) Wait some seconds , the **Completion** dialog box is appears :

Deploy Software Updates	s Wizard	×
Completion		
General Deployment Settings Scheduling User Experience Alerts Download Settings Deployment Package Distribution Points Download Location Language Selection Summary Progress Completion	<image/> <image/> <section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><list-item><list-item><list-item><section-header><section-header></section-header></section-header></list-item></list-item></list-item></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header>	A
	<previous next=""> Summary C</previous>	ose

24) Click Close , and click this software update group under All Software

Updates node , you can see this group all updates Downloaded and Deployed has

change to **Yes** :

System Center 2012

Configuration Manager RTM Software Update Document

(pairs)											
19	Selected Object	Folder Tools	System Center 201	2 Configuratio	n Manager (C	onnected to I	1CM - 5C2	D12_ConfigMgr_Prima	ry_Site) (Evaluati	on, 179 day	<u>-9×</u>
Home	Update Group	Close									^ 🕑
	Delete		A								
Download R	un	Deploy	Set Security Pr	roperties							
Summ	arization	Deploy	Scopes	operaca							
Updat	e Group	Deployment	Classify Pr	roperties							
€ → - 🧧	🛛 \ 🕨 Software I	.ibrary ► 0	verview 🕨 Software	e Updates 🕨 /	All Software Up	dates 🕨 Win	ndows 7 Upo	dates Group			- 2
Software Library		< Window	vs 7 Updates Group	3 items							
4 💣 Overview		Search							× 9	Search Add C	riteria 🔻
Applicat	on Management	Icon	Title		Bulletin ID	Required	Installed	Percent Compliant	Downloaded	Deployed	
🔺 🧮 Software	Updates	-	Security Update for	Windows 7 fo	MS11-083	1	0	67	Yes	Yes	
🔺 👼 All Sof	tware Updates		Security Update for	Windows 7 fo	MS11-092	1	0	67	Yes	Yes	
len Wind	lows 7 Updates Gro	up 👼	Security Update for	Windows 7 fo	MS12-019	1	0	67	Yes	Yes	
lange Softwa	re Update Groups										
💽 Deploy	ment Packages										
📑 Autom	atic Deployment Ru	les									
🕨 🧮 Operatir	g Systems										
		Secu	rity Update for	Windows 7	for x64-ba	sed Syster	ns (KB2	588516)			~
		Detai					Stati	stics			
		Sev	erity:	Critical						Compliant: 0	
		Bul	etin ID:	MS11-083						Required: 1	
		Arti	cle ID: e Released:	2588516	10-00 AM					Unknown: 0	
Assets and	l Compliance	Dat	e Released or Revise erseded:	ed: 11/8/2011 No	10:00 AM		1	Total Asset Count: 3	(Last Update: 3/23	/2012 9:21:02 /	AM)
Software I	ibrary	Exp	ired:	No							
Monitorin	9	NA	ate Classification: P Evaluation:	"Security l No	Jpdates"						
Administr	ation										
		Summa	ary Deployment								
Ready											

25) Click **Deployment Packages** node , you can see just created package :

-						
System Center 2012 Configuration Ma	mager (Connected to MCM - S	C2012_ConfigMgr_Prin	na ry_Site) (Evaluati or	n, 179 days left)		_ 8 ×
Home	2					^ 😈
	Create Prestage Content File		8			
Saved Show Manage Access	Refresh	Distribute Update	Set Security	Properties		
Searches Members Accounts	Delete	Content Distribution	Points Scopes	Proportion		
Deployme	chi Fackaye	Depioyment	Classify	Properues		
← → ▼ II \ ► Software Library	y ► Overview ► Software U	Ipdates Deployment	Packages			- 2
Software Library <	Deployment Packages 1 item:	s				
4 💣 Overview	Search				🗙 🔎 Search	Add Criteria 🔻
Application Management	Icon Name	Package ID				
🔺 🚞 Software Updates	Windows 7 Updates	MCM00007				
🔺 🚋 All Software Updates						
🔄 Windows 7 Updates Group						
Software Update Groups						
Deployment Packages						
Automatic Deployment Rules						
Operating Systems						
	Windows 7 Updates					~
	Dealance Decembles		Distribution Delict Che	h	Balatad Objects	
	Package Properties		Distribution Point Sta	tus	Related Objects	
	Package ID:	MCM00007		Success: 1	Gontent Status	
	Source Date.	8:10 PM		Failed: 0		
	Last Refresh Time:	3/23/2012 8:10 DM		Unknown: 0		
👷 Assets and Compliance		0.10 PM	1 Targeted (Last Up	odate: 3/23/2012 8:10 PM)		
Software Library						
Monitoring						
Administration						

26) Logon to Client computer , in Control Panel , click System and Security , and then start Configuration Manager , click the Actions tab , click Machine Policy Retrieval & Evaluation Cycle :

General Components Actions Site Select an action to run a client cycle independently from schedules that a configured in the Configuration Manager console. Actions Actions: Application Deployment Evaluation Cycle Discovery Data Collection Cycle File Collection Cycle Hardware Inventory Cycle Machine Policy Retrieval & Evaluation Cycle Software Inventory Cycle Software Inventory Cycle Software Metering Usage Report Cycle Software Updates Deployment Evaluation Cycle Software Updates Scan Cycle User Policy Retrieval & Evaluation Cycle Software Updates Scan Cycle User Policy Retrieval & Evaluation Cycle Windows Installer Source List Update Cycle	Cache	Configuration	ns	I	Vetwork			
elect an action to run a client cycle independently from schedules that a onfigured in the Configuration Manager console.	General	Components	Action	IS	Site			
Actions: Application Deployment Evaluation Cycle Discovery Data Collection Cycle File Collection Cycle Hardware Inventory Cycle Machine Policy Retrieval & Evaluation Cycle Software Inventory Cycle Software Metering Usage Report Cycle Software Updates Deployment Evaluation Cycle Software Updates Scan Cycle User Policy Retrieval & Evaluation Cycle Windows Installer Source List Update Cycle	Select an action to run a client cycle independently from schedules that are configured in the Configuration Manager console.							
Application Deployment Evaluation Cycle Discovery Data Collection Cycle File Collection Cycle Hardware Inventory Cycle Machine Policy Retrieval & Evaluation Cycle Software Inventory Cycle Software Metering Usage Report Cycle Software Updates Deployment Evaluation Cycle Software Updates Scan Cycle User Policy Retrieval & Evaluation Cycle Windows Installer Source List Update Cycle	ctions:							
Discovery Data Collection Cycle File Collection Cycle Hardware Inventory Cycle Machine Policy Retrieval & Evaluation Cycle Software Inventory Cycle Software Metering Usage Report Cycle Software Updates Deployment Evaluation Cycle Software Updates Scan Cycle User Policy Retrieval & Evaluation Cycle Windows Installer Source List Update Cycle	Application Deploy	ment Evaluation Cycle	;					
File Collection Cycle Hardware Inventory Cycle Machine Policy Retrieval & Evaluation Cycle Software Inventory Cycle Software Metering Usage Report Cycle Software Updates Deployment Evaluation Cycle Software Updates Scan Cycle User Policy Retrieval & Evaluation Cycle Windows Installer Source List Update Cycle	Discovery Data Co	ollection Cycle						
Hardware Inventory Cycle Machine Policy Retrieval & Evaluation Cycle Software Inventory Cycle Software Metering Usage Report Cycle Software Updates Deployment Evaluation Cycle Software Updates Scan Cycle User Policy Retrieval & Evaluation Cycle Windows Installer Source List Update Cycle	File Collection Cyc	le						
Machine Policy Retrieval & Evaluation Cycle Software Inventory Cycle Software Metering Usage Report Cycle Software Updates Deployment Evaluation Cycle Software Updates Scan Cycle User Policy Retrieval & Evaluation Cycle Windows Installer Source List Update Cycle	Hardware Invento	ry Cycle						
Software Inventory Cycle Software Metering Usage Report Cycle Software Updates Deployment Evaluation Cycle Software Updates Scan Cycle User Policy Retrieval & Evaluation Cycle Windows Installer Source List Update Cycle	Machine Policy Re	etrieval & Evaluation Cj	vcle					
Software Metering Usage Report Cycle Software Updates Deployment Evaluation Cycle Software Updates Scan Cycle User Policy Retrieval & Evaluation Cycle Windows Installer Source List Update Cycle	Software Inventor	y Cycle						
Software Updates Deployment Evaluation Cycle Software Updates Scan Cycle User Policy Retrieval & Evaluation Cycle Windows Installer Source List Update Cycle	Software Metering	Usage Report Cycle						
Software Updates Scan Cycle User Policy Retrieval & Evaluation Cycle Windows Installer Source List Update Cycle	Software Updates	Deployment Evaluatio	n Cycle					
User Policy Retrieval & Evaluation Cycle Windows Installer Source List Update Cycle	Software Updates	Scan Cycle						
Windows Installer Source List Update Cycle	User Policy Retrie	val & Evaluation Cycle						
	Windows Installer	Source List Update Cy	cle					
			[Ru	n Now			
Run Now								

27) Click Run Now , a Machine Policy Retrieval & Evaluation Cycle message

box appears :

🐁 Machine Policy Retrieval & Evaluation Cycle	×
The selected cycle will run and might take several minutes to finish.	
ОК	

28) Click OK , and then click Software Updates Deployment Evaluation
Cycle :

Cache	Configuratio	ns	Net	work			
General	Components	Action	IS	Site			
Select an action to run a client cycle independently from schedules that are configured in the Configuration Manager console.							
Actions:							
Application Dep	loyment Evaluation Cycl	e					
Discovery Data	Collection Cycle						
File Collection C	ycle						
Hardware Inven	tory Cycle						
Machine Policy	Retrieval & Evaluation C	ycle					
Software Invent	ory Cycle						
Software Meteri	ng Usage Report Cycle						
Software Updat	es Deployment Evaluation	on Cycle					
Software Update	es Scan Cycle						
User Policy Retr	ieval & Evaluation Cycle	;					
Windows Install	er Source List Update C	ycle					
		l	Run N	ow			

29) Click Run Now , a Software Updates Deployment Evaluation Cycle

message box appears indicating the action was initiated , and may take several minutes to complete :

software Updates Deployment Evaluation Cycle
The selected cycle will run and might take several minutes to finish.
ОК

30) Click OK , wait some seconds , in the System Tray , will display Software

changes are required balloon :



31) Click this icon , the Software Center dialog box appears displaying the

status of software required on the computer :

Softwa	are Center
	IT Organization
1	Software changes must be applied to your computer after 3/30/2012 at 7:56 PM.
	Required changes: 3 items View details
	Restart: Might be required
The cha Center:	anges will be applied after the deadline shown above, or you can have Software
O App	ly all required changes now (recommended)
🔘 Арр	ly all required changes outside my configured business hours
F F	Restart my computer automatically if needed
	OK REMIND ME LATER

32) After Required changes : 3 items , click View details , the Software

Center window appears displaying the Installation Status tab :

Software Center					
					IT Organization
Installation State	us Installed Software	Options	5		
SHOW Updates	✓ Show opt	ional software			SEARCH P
					Find additional applications from the Application Catalog
NAME		TYPE	PUBLISHER	AVAILABLE AF	STATUS
Security Update for Wind	dows 7 for x64-based Systems (KB25885	16) Update	Microsoft	3/23/2012	Scheduled to install after 3/30/2012 7:56:00 PM
Security Update for Wind	dows 7 for x64-based Systems (KB26193	39) Update	Microsoft	3/23/2012	Scheduled to install after 3/30/2012 7:56:00 PM
ightharpoond Security Update for Wind	dows 7 for x64-based Systems (KB26653	64) Update	Microsoft	3/23/2012	Scheduled to install after 3/30/2012 7:56:00 PM
-					
Security Update	for Windows 7 for x64-base	d Systems	(KB2588516	i)	*
OVERVIEW		REQUIREMENT	s		DESCRIPTION
Status:	Scheduled to install after 3/30/2012	Restart required	Ŀ	Might be required	A security issue has been identified that could allow an
Help document:	Click here				system and gain control over it. You can help protect
Bulletin ID:	MS11-083				your system by installing this update from Microsoft.
Article ID:	2588516				After you install this update, you may have to restart your system.
INSTALL ALL REQUIRED					SCHEDULE INSTALL

33) Close Software Center , and then click Apply all required changes now

(recommended) :



34) Click OK , the Software Center dialog box closes and balloons are

displayed indicating that software is being downloaded and installed , wait some

seconds, you can see restart computer icon:



35) Click this icon , and click Open Restart Window :



36) The Software Center dialog box appears :

Software Center						
IT Organization						
Restart your computer						
You must restart your computer to complete the installation of applications or software updates by:						
3/30/2012 7:56:00 PM						
Otherwise, your computer will restart automatically after the above date and time. Your computer could restart sooner if applications or software updates that require a computer restart are installed outside of business hours.						
Restart now						
Snooze and remind me again in: 1 hour						
Select an action and click OK. Or, you can click Cancel to restart your computer later without receiving reminders.						
OK CANCEL						

37) You can setting delay to restart computer or restart now , click Restart

now, and click **OK**, then will display restart computer dialog box :



38) Click **RESTART**, the **Client** computer will restart now.

7. Validating Current Software Update Compliance :

1) In the workspace of the System Center 2012 Configuration Manager

console window , click Monitoring , in the navigation pane , click Software

System Center 2012 Configuration	ı Ma	anager (C	onnected to MCM - SC2012_ConfigMgr_Primary_Site) (E	valuation, 179 days left)	_ @ ×
Saved Searches • Search					
🗲 🔶 👻 📔 🛝 🕨 Monitoring	٠	Overview	A ▶ Reporting ▶ Reports ▶ Software Updates - B Depl	oyment Management	- 2
Monitoring	<	Software	Updates - B Deployment Management 8 items		
 Merview 	Â	Search		×	© Search Add Criteria ▼
Alerts	_	Icon	Name	Category	Date Modified
🐊 Queries	-		Management 1 - Deployments of an update group	Software Updates - B Deployment Management	3/22/2012 5:06 AM
🔺 🚞 Reporting	ш		Management 2 - Updates required but not deployed	Software Updates - B Deployment Management	3/22/2012 5:06 AM
🔺 🔝 Reports			Management 3 - Updates in a deployment	Software Updates - B Deployment Management	3/22/2012 5:06 AM
Administrative Security			Management 4 - Deployments that target a collection	Software Updates - B Deployment Management	3/22/2012 5:06 AM
Alerts			Management 5 - Deployments that target a computer	Software Updates - B Deployment Management	3/22/2012 5:06 AM
🚞 Asset Intelligence			Management 6 - Deployments that contain a specific update	Software Updates - B Deployment Management	3/22/2012 5:06 AM
🚞 Client Push			Management 7 - Updates in a deployment missing content	Software Updates - B Deployment Management	3/22/2012 5:06 AM
Client Status			Management 8 - Computers missing content (secondary)	Software Updates - B Deployment Management	3/22/2012 5:06 AM
Compliance and Settings					
🚞 Device Management					
🚞 Driver Management					
Endpoint Protection					
📔 Hardware - CD-ROM	Ŧ				
Assets and Compliance					
👘 Software Library					
Monitoring					
Administration					
Dandy	٠				

Updates – B Deployment Management :

2) Click Management 5 – Deployments that target a computer, and then

on the **Ribbon** , click **Run** :

System Center 2012 Configuration	n M	anager (Conne	ted to MCM	- SC2012 ConfigMar Primary Site) (I	Evaluation, 179 days left)
Home		unager (conne			
Edit	crip	X Delete			
Saved Run Searches ▼ QRefresh			Properties		
Search Report Gr	roup)	Properties		
← → ▼ □ \ ► Monitoring	•	Overview +	Reporting +	Reports > Software Updates - B Dep	loyment Management
Monitoring	<	Software Upd	ates - B Depk	oyment Management 8 items	
4 🔳 Overview	*	Search		, ,	×
Alerts		Icon Name		*	Category
Queries	Ξ	Man	agement 1 - De	eployments of an update group	Software Updates - B Deployment Management
A 📋 Reporting		🛄 Man	agement 2 - Ur	pdates required but not deployed	Software Updates - B Deployment Management
A 🔝 Reports		Man	agement 3 - Ur	pdates in a deployment	Software Updates - B Deployment Management
Administrative Security		🛄 Man	agement 4 - De	eployments that target a collection	Software Updates - B Deployment Management
🧮 Alerts		🔝 Man	agement 5 - De	eployments that target a computer	Software Updates - B Deployment Management
🧮 Asset Intelligence		🔝 Man	agement 6 - D/	eployments that contain a specific update	Software Updates - B Deployment Management
📔 Client Push		📑 Man	agement 7 - U	pdates in a deployment missing content	Software Updates - B Deployment Management
📔 Client Status		📑 Man	agement 8 - Co	omputers missing content (secondary)	Software Updates - B Deployment Management
📔 Compliance and Settings					
📔 Device Management					
🧮 Driver Management					
Endpoint Protection					
Hardware - CD-ROM	Ŧ				

3) The Management 5 - Deployments that target a computer window

appears :

📓 Management 5 - Deployments that target a computer			
To view the report, provide values for the parameters below, then click View Report.			
Report Category			
Software Updates - B Deployment Management			
Report Name Management 5 - Deployments that target a computer			
Report Description			
This report returns all software update deployr	nents that target a specific computer.		≞ ☆
Device Name Filter:		Values	View Report
Device Name:		O <u>Values</u>	
< Back			*
I	100% -	Find Next	
			.::

4) After Device Name , click Values... , the Parameter Value dialog box

appears :
Parameter Value	×
Select a value to use for this parameter when running the report.	
Filter	
Device Name	
CLIENT.CONTOSO	
CONFIGMGR2012.CONTOSO	
3 items found	
OK Canc	el

5) Click CLIENT.CONTOSO, click OK, and then click View Report, the result

will display :

i To view the report, provide values for the parameters below, then click View Report. Report Category Software Updates - B Deployment Management Report Description This report returns all software update deployments that target a specific computer. Values Values Values Values Values Values Values Values Values Vew Report CLIENT CONTOSO Values Values Vew Report Option This report returns all software update deployments that target a specific computer. I of 1 P I I of 1 P I I I I I I I I I I I I I I I I I I	🖩 Management 5 - Deployments tha	t target a computer			_ 🗆 >
Report Category Software Update: 9 Deployment Management Report Name Management 5 - Deployments that target a computer. Pervice Name Fitter: Device Name : CLIENT CONTOSO Values Back CLIENT CONTOSO Values CBack CLIENT CONTOSO Values Back CLIENT CONTOSO Values Back CLIENT CONTOSO Values Back CLIENT CONTOSO Values Back CLIENT CONTOSO Values Back CLIENT CONTOSO Values Back CLIENT CONTOSO Values Back CLIENT CONTOSO Values Back CLIENT CONTOSO Values Back CLIENT CONTOSO Values CLIENT CONTOSO Values Back CLIENT CONTOSO Values Back CLIENT CONTOSO Values Back CLIENT CONTOSO Values Back CLIENT CONTOSO Values CLIENT CONTOSO	To view the report, provide values for	the parameters below, then click View	Report.		
Report Name Management 5 - Deployments that target a specific computer. Device Name Fiter: Device Name: CLIENT.CONTOSO Values Vew Report Control of 1 Provide Control of	Report Category Software Updates - B Deployment Ma	anagement			
Management 5 - Deployments that target a specific computer.	Report Name				
Hepot Description This report returns all software update deployments that target a specific computer. Device Name: CLIENT.CONTOSO Values Vew Report Vew Report Vew Report Vew Report Vew Report Values Vew Report Vew Report Vew Report Vew Report Vew Report </td <td>Management 5 - Deployments that ta</td> <td>rget a computer</td> <td></td> <td></td> <td></td>	Management 5 - Deployments that ta	rget a computer			
Device Name Fiter: Device Name: CLIENT.CONTOSO Values Vew Report	Report Description This report returns all software update	deployments that target a specific corr	outer		
Device Name Filte: Device Name: CLIENT CONTOSO Values CARAC Values Values Vew Report Values Vew Report Vew Report V		appointente that target a oppointe con	poror.		- ≈
Device Name: CLIENT.CONTOSO Values * 1 Management 5 - Deployments that target a computer Description This report returns all software update deployments that target a specific computer. Deployment Name Windows 7 Updates 1	Device Name Filter:			Values	View Report
Kelsek Find I Next Management 5 - Deployments that target a computer Description This report returns all software update deployments that target a specific computer. Deployment Name Available Deadline Windows 7 Updates 3/23/2012 8:09:00 PM 3/30/2012 7:56:00 PM	Device Name:	CLIENT.CONTOSO		Values	
I of 1 I	< Back				*
Management 5 - Deployments that target a computer Description This report returns all software update deployments that target a specific computer. Deployment Name	4 4 1 of 1 ▶ ▶ ⊗ 🚱) 🍰 🗐 🔍 🔍 - 🗌 100%	•	Find Next	
Image: Description This report returns all software update deployments that target a specific computer. Deployment Name Image: Omage: Omag					
Image: Description This report returns all software update deployments that target a specific computer. Deployment Name Image: Orgon Computer Structure					
Management 5 - Deployments that target a computer Description This report returns all software update deployments that target a specific computer. Deployment Name					
Description This report returns all software update deployments that target a specific computer. Deployment Name Available Deadline Windows 7 Updates 3/23/2012 8:09:00 PM 3/30/2012 7:56:00 PM					
Deployment Name O Available Deadline Windows 7 Updates 3/23/2012 8:09:00 PM 3/30/2012 7:56:00 PM	Management 5 - De	ployments that t	arget a co	mnuter	
Windows 7 Updates 3/23/2012 8:09:00 PM 3/30/2012 7:56:00 PM	Management 5 - De	eployments that t	a rget a co s that target a speci	mputer fic computer.	
	Management 5 - De	eployments that t	arget a co s that target a speci	mputer fic computer.	Deadline
۲	Management 5 - De	eployments that t rns all software update deployment	arget a co s that target a speci Available 3/23/2012 8:09:	mputer fic computer.	Deadline 3/30/2012 7:56:00 PM
۲	Management 5 - De Description This report return Deployment Name Windows 7 Updates	eployments that t rns all software update deployment	arget a co s that target a specif Available 3/23/2012 8:09:0	mputer fic computer. \$ 00 PM	Deadline 3/30/2012 7:56:00 PM
٩	Management 5 - De Description This report return Deployment Name Windows 7 Updates	eployments that t rns all software update deployment	arget a co s that target a speci Available 3/23/2012 8:09:0	fic computer.	Deadline 3/30/2012 7:56:00 PM
<>	Management 5 - De	eployments that t rns all software update deployment	arget a co s that target a speci Available 3/23/2012 8:09:0	mputer fic computer. \$ 00 PM	Deadline 3/30/2012 7:56:00 PM
	Management 5 - De Description This report return Deployment Name Windows 7 Updates	eployments that t	arget a co s that target a specif Available 3/23/2012 8:09:(mputer fic computer. \$	Deadline 3/30/2012 7:56:00 PM
	Management 5 - De Description This report return Deployment Name Windows 7 Updates	eployments that t rns all software update deployment	arget a co s that target a specif Available 3/23/2012 8:09:0	mputer fic computer. \$ 00 PM	Deadline 3/30/2012 7:56:00 PM
	Management 5 - De	eployments that t rns all software update deployment	arget a co s that target a specif Available 3/23/2012 8:09:0	mputer fic computer. \$ 00 PM	Deadline 3/30/2012 7:56:00 PM
	Management 5 - De Deployment Name Windows 7 Updates	eployments that t rns all software update deployment	arget a co s that target a specif Available 3/23/2012 8:09:0	fic computer.	Deadline 3/30/2012 7:56:00 PM

6) Click Windows 7 Updates hyperlink , you can see this update group

installed status :

	hen clic	view Report.											
Report Category													
Software Updates - B Deployment Management													
Report Name													
Management 3 - Updates in a deployment													
Report Description													
This report returns the software updates that are contained in a	a specir	ic deployment.										-	i 💈
Deployment Name:	M	/indows 7 Updat	es Grou	p - Wind	lows 7 U	pdates			Values		Viev	v Report	
< Back													\$
< < 1 of 1 ▶ ▶ ⊗ 2	1009	<i>/</i> ₆ •			Find	Next							
													Ī
Management 3 - Undates in a	den	lovmer	nt										
Management 3 - Updates in a	dep	loymer	nt										
Management 3 - Updates in a	dep	loymer	nt								-		
Management 3 - Updates in a Description Collection Name Available	dep	loymer	nt	¢	Depk	oyment	: ID			¢	-		
Management 3 - Updates in a Description Collection Name Available All Desktop and Server 3/23/2012 1:09:00 PM	dep	adline	1t 5:00 PM	¢ 4	Deple {784	oyment 50A72-	: ID 8AAF-4A1D-9	F79-6B5	BCDC1BCAC}	\$	-		
Management 3 - Updates in a Description Collection Name All Desktop and Server 3/23/2012 1:09:00 PM Clients	dep : De 3/3	adline 10/2012 12:50 Bulletin ID	1 t 5:00 PM	¢ M Artic	Deple {784	oyment 50A72-	ID 8AAF-4A1D-9 Installed	F79-685	iBCDC1BCAC}	\$	Not Required	\$	Unl
Management 3 - Updates in a Im Description Collection Name Available All Desktop and Server 3/23/2012 1:09:00 PM Clients 3/23/2012 1:09:00 PM Title Security Update for Windows 7 for x64-based Systems	dep 3/3 \$	adline 30/2012 12:50 Bulletin ID MS11-083	nt 5:00 Pr \$	¢ 4 Artic 2588	Deple {784	oyment 50A72- \$	ID 8AAF-4A1D-9 Installed 1	F79-685	iBCDC1BCAC} Required	¢	Not Required	÷	Uni
Management 3 - Updates in a Description Collection Name Available All Desktop and Server 3/23/2012 1:09:00 PM Clients 3/23/2012 1:09:00 PM Title Voltage Security Update for Windows 7 for x64-based Systems (KB2588516)	dep 3/3	adline 30/2012 12:50 Bulletin ID MS11-083	1t 5:00 PM \$	¢ 4 Artic 2588	Depk {784	oyment 50A72- \$	ID 8AAF-4A1D-9 Installed 1	F79-685	iBCDC1BCAC} Required 0	¢	Not Required	\$	Uni 0
Management 3 - Updates in a Image: Description Collection Name Available All Desktop and Server 3/23/2012 1:09:00 PM Clients 3/23/2012 1:09:00 PM Title Title Security Update for Windows 7 for x64-based Systems (K82588516) Security Update for Windows 7 for x64-based Systems (K82619339)	dep 3/3	adline adline 10/2012 12:56 Bulletin ID MS11-083 MS11-092	nt 5:00 PM \$	¢ 4 Artic 2588 2619	Deple {784 le ID 516 339	oyment 50A72- \$	ID 8AAF-4A1D-9 Installed 1	F79-685 ¢	iBCDC1BCAC} Required 0	\$	Not Required 2 2	\$	Uni 0
Management 3 - Updates in a Image: Description Collection Name Available All Desktop and Server 3/23/2012 1:09:00 PM Clients 3/23/2012 1:09:00 PM Title Security Update for Windows 7 for x64-based Systems (K82588516) Security Update for Windows 7 for x64-based Systems (K82619339) Security Update for Windows 7 for x64-based Systems	dep 3/3 \$	adline adline 10/2012 12:56 Bulletin ID MS11-083 MS11-092 MS12-019	nt 5:00 PM \$	¢ 4 2588 2619 2665	Depk {784	oyment 50A72- \$	ID 88AAF-4A1D-9 Installed 1 1	¢	BCDC1BCAC} Required 0 0	\$	Not Required 2 2 2	\$	Uni 0 0
Management 3 - Updates in a [] Description Collection Name Available All Desktop and Server 3/23/2012 1:09:00 PM Clients 3/23/2012 1:09:00 PM Title Security Update for Windows 7 for x64-based Systems (KB2588516) Security Update for Windows 7 for x64-based Systems (KB261839) Security Update for Windows 7 for x64-based Systems (KB2665364)	dep De 3/3	adline adline Bulletin ID MS11-083 MS11-092 MS12-019	nt 5:00 PM \$	¢ 4 2588 2619 2665	Depla {784 le ID 516 339 364	oyment 50A72- ¢	ID 8AAF-4A1D-9 Installed 1 1	¢	iBCDC1BCAC} Required 0 0 0	\$	Not Required 2 2 2	\$	Uni 0 0

7) Close this report and click the **Software Library** workspace , in the navigation pane , click **All Software Updates** , on the **Ribbon** , click **Run**

Summarization :

System Center 2012 Configuration Manager RTM Software Update Document

	Folder Tools System	Center 20	12 Configuratio	n Manager	(Connected to M	ICM - 5C2012	_Config
Home	Folder						
2				-		🥖 Edit Membe	ership ense
Synchronize Software Updates	Summarization Sum	chedule marization	Saved Searches •	Download	Update Group		
All Software Updates	Reports		Search		Update		
← → - 🖲	\ ▶ Software Librar	y ► Ove	erview 🕨 Softv	vare Updates	 All Software 	Updates 🕨	
Software Library	۲	All Softw	are Updates 56	4 items			
4 💣 Overview		Search					
🕨 🧮 Application	Management	Icon	Title			Bulletin ID	Requir
🔺 📔 Software U	pdates	1	Security Update	for .NET Fran	nework 3.5.1 o	M511-044	3
🔺 🛃 All Softwa	are Updates	2	Security Update	for Microsoft	.NET Framewo	MS11-100	3
lindov 🔊	ws 7 Updates Group	Ð	Windows Malicio	us Software	Removal Tool x		3
lange Software	Update Groups	Ð	Security Update	for Microsoft	.NET Framewo	MS11-078	3
🛐 Deploym	ent Packages	Ð	Security Update	for Microsoft	.NET Framewo	MS12-016	3
📑 Automati	c Deployment Rules	1	Update for Wind	lows Server 2	008 R2 x64 Edi		2
🕨 🧮 Operating S	Systems	1	Security Update	for Windows	Server 2008 R	MS11-083	2
		1	Security Update	for Windows	Server 2008 R	MS11-085	2
		1	Security Update	for Windows	Server 2008 R	MS11-071	2
		×	Security Undate	for Windows	Saniar 2008 D	MS11_043	2

8) A Configuration Manager message box appears :



9) Click OK , wait a moment , and then refresh the All Software Updates

node , click **Software Update Groups** , you can see **Windows 7 Updates Group** already 100% compliant :

System Center 2012 Configuration Manager RTM Software Update Document

System Center 2	012 Configuration	Manager (Co	onnected to	MCM - 5C2	12 ConfigN	Age Primary	Site) (Evalua	tion. 179 d	avs left)			_ 8 ×
Home	ore comparation	nunuger (et	Jintected to	THEIT SEE	JI2_Comig	igi_i i iiidi y_		uon, 175 u	ays icity			^ (?)
Synchronize Software Updates	Schedule Summarization Reports	Saved Searches • Search	Show Members	Download S Upda	Run ummarization te Group	Q Refresh ★ Delete	Deploy Deployment	Set Secur Scopes Classifi	rity Properties			
	\	anv k Ove	nview k S	oftware Linda	itec k Soft	hvare Lindate G	roune					
Software Library	, , , , , , , , , , , , , , , , , , ,	Software	Update Gro	ups 1 items						×	€ Search	Add Criteria 🗸
Application	Management	Icon	Name	^	Descripti.	. Date Create	d Last Da	te Modified	Percent Compli	Created By	Deployed	Downloaded Nu
4 🧮 Software Up	pdates	1	Windows 7 (Jpdates Grou	p	3/23/2012	7:5 3/23/2	012 7:51	100	CONTOSO\	Yes	Yes 1
 Window Software Deployme Automati Operating S 	vs 7 Updates Group Update Groups ent Packages c Deployment Rules Systems											
		٠										•
		Windo Detail	ows 7 Upc	lates Gro	up			Statistic	s			Ť
		Date Descr Down	Created: iption: loaded:	3)/23/2012 7: 'es	51 PM					Comp Non-e Unkn	oliant: 3 compliant: 0 own: 0
Resets and Co	ompliance	Numb	iyed: per of Collect	tions	'es							
Software Libr	rary	Deplo	yed to:	1	L			Tot	al Asset Count:	3 (Last Updati	e: 3/23/2012	2 8:42:52 PM)
Monitoring												
Administratio	on											
		Summary	/ Deploym	ient								
Ready												

10) On the Ribbon , click Show Members :

🔢 System Center 2	012 Configuration	Manager (C	onnected to I	MCM - 5C201	2_ConfigMg	gr_Primary_	_Site)
Home				_			
A		6		-		😱 Refresh	
~				~		🗙 Delete	
Synchronize Software Updates	Schedule Summarization	Saved Searches •	Show Members	ownload Sum	Run Imarization		C
All Software Updates	Reports	Search		Update	Group		Dep
← → - •	\ ▶ Software Lib	orary 🕨 Ove	arview 🕨 So	oftware Update	s 🕨 Softw	vare Update (Groups
Software Library		< Software	Update Grou	ips 1 items			
🔺 💣 Overview		Search					
Application	Management	Icon	Name	•	Descripti	Date Create	ed
🔺 📔 Software U	pdates	5	Windows 7 U	pdates Group		3/23/2012	7:5
🔺 \overline 🚮 All Softwa	are Updates						
lange window	vs 7 Updates Group	b					
lange Software	Update Groups						
💽 Deploym	ent Packages						
📑 Automati	c Deployment Rule	s					
🕨 📔 Operating S	Systems						

11) The software updates in the software update group are displayed in the

	Selected Object	Folder Tools	System Center 2	012 Configuration M	anager (Conne	cted to MCM	- SC2012_	ConfigMgr_Primary_	Site) (Evaluation, 179 d	ay 🗗 🗙
Home	Update Group	Close	0							~ 😈
- 🎝 🔹 🕨	∧ Delete									
Download Run Summariza	ition	Deploy	Set Security Scopes	Properties						
Update Gr	roup	Deployment	Classify	Properties						
← → - 🗊	\ ► Software Li	brary 🕨 O	verview 🕨 Softw	vare Updates 🕨 All S	oftware Updates	▶ Window	vs 7 Updates	Group		- 2
Software Library		< Window	vs 7 Updates Grou	up 3 items						
1 a Overview		Search							🗙 👂 Search	Add Criteria 🔻
 Application I 	Management	Icon	Title	A	Bulletin ID	Required	Installed	Percent Compliant	Downloaded	Deployed
🔺 🧮 Software Up	dates	-	Security Update	for Windows 7 for x64	MS11-083	0	1	100	Yes	Yes
🔺 🛃 All Softwar	re Updates	-	Security Update	for Windows 7 for x64	MS11-092	0	1	100	Yes	Yes
Windows	s 7 Updates Grou	p 🗟	Security Update i	for Windows 7 for x64	MS12-019	0	1	100	Yes	Yes
lange Software U	Jpdate Groups									
🛐 Deployme	nt Packages									
📄 Automatic	Deployment Rule	es								
🕨 📔 Operating Sj	ystems									
		Secu	rity Update fo	or Windows 7 for	x64-based	Systems	(KB2588	516)		~
		Detail					Statistics			
		Sev Bull Arti	erity: etin ID: cle ID: a Poloacod:	Critical MS11-083 2588516	00.4M				Complia Require Not Req Unknow	int: 1 d: 0 uired: 2 n: 0
Resets and Co	mpliance	Dat	e Released or Rev	ised: 11/8/2011 10:	00 AM		Tota	Accet Count: 3 (1a	et Lindato: 2/22/2012 8:	48-01 DM)
Software Libra	ary	Sup	erseded: ired:	No			TULA	Assec count: 5 (La	ac opulate: 3/23/2012 0.	10.01 FM)
Monitoring		Upo	late Classification: PEvaluation:	"Security Upda	ites"					
Administratio	n									
		Summa	ry Deployment							
Ready				_						

results pane . That each of the three updates is now listed as compliant :

12) Click the Monitoring workspace , click Deployments , that the Windows 7

Updates Group deployment appears :

System Center 2012

Configuration Manager RTM

Software Update Document

System Center 2012 Configuration M	anager (Con	nected to MCM -	SC2012	_ConfigMgr_Pri	imary_Site) (Ev	aluation, 17	9 days left)			_ 8 ×
Home										^ 🔞
Saved Searches • Search Deployment	Refresh	Properties								
← → ▼ 👔 \ ► Monitoring ►	Overview	 Deployments 								- 2
Monitoring «	Deploymen	its 1 items								
4 🔳 Overview	Search								X 👂 Searc	h Add Criteria 🔻
Alerts	Icon So	oftware		Collection		Purpose	Action	Feature Type	Compliance	Date Created
🐊 Queries	🔿 v	Vindows 7 Updates	Group	All Desktop an	d Server Clients	Required	Install	Software Update	0.0	3/23/2012 8:1
 Site Hierarchy System Status Deployments Client Status Database Replication Distribution Status Software Update Point Synchron System Caster 2012 Endopint Pr 	Windov	vs 7 Updates	Group	Status to Al	l Desktop an	d Server	Clients			
System center 2012 enapoint in	General				Completion Sta	itistics		Related	Objects	
seets and Compliance	Softwar Collectio	re: on:	Wind Upd Grou All E and	dows 7 ates Jp Desktop Server			Compliant: 0 In Progress: Error: 0 Unknown: 2	<i>ଦ୍ଧି</i> ପ 1 କ୍ସି ହ ି _{ରି} ପ	ollection oftware Update ontent Status	E
Software Library	Feature	Type:	Clier Soft Upd	nts ware ate	Total Ass 3/23/2012	et Count: 3 8:42:52 PM	3 (Last Upda 1) <u>View Statu</u>	te: S		
Monitoring	Purpose Date Cr	e: reated:	Req 3/23	uired 2012						
- III	Last Da	te Modified:	3/23	0/2012 0 PM						-

13) On the Ribbon , click Run Summarization :

🔢 System Ce	nter 201	2 Configuration	Manager (Connected to MCM	- SC2012_ConfigMgr_	Primary_Site) (Ev	aluation, 17	9 days left)	
- Ho	ome									
Ŕ			🔉 Refresh							
Saved Searches •	View Status	Run Summarization		Properties						
Search		Deployment		Properties						
$\leftarrow \rightarrow$ -	۱ 📲	 Monitoring 	 Overvie 	w Deployments 						
Monitoring			< Deploy	ments 1 items						
🔺 🔳 Overvie	w		Search							X D Searc
🕨 ≽ Alerts	;		Icon	Software	Collection		Purpose	Action	Feature Type	Compliance
👂 Queri	es		-	Windows 7 Update	s Group All Desktop	and Server Clients	Required	Install	Software Update	0.0
🕨 🧮 Repo	rting									
📊 Site H	lierarchy									
🕨 🧮 Syste	m Status									
📄 Deplo	oyments									
🕨 📔 Client	t Status									

14) A Configuration Manager message box appears :



15) Click OK , on the Ribbon , click View Status :

🖪 S	iystem C	enter 2012	Configuration	ı M	anager ((Connected to	MCM - SC2012_	_ConfigMgr_Primary_Site) (Ev
	•	lome						
	Å			0	Refresh			
Sea	aved arches ▼	View Status	Run ummarization			Properties		
S	iearch		Deployment			Properties		
÷	→ •	۱ 😭	 Monitoring 	۲	Overviev	v 🕨 Deploy	ments	
Mon	itoring			<	Deployn	nents 1 items	5	
4	Overv	iew			Search			
►	≽ Aler	ts			Icon	Software	A	Collection
	🧊 Que	ries			•	Windows 7 (Updates Group	All Desktop and Server Clients
►	🚞 Rep	orting						
	🚺 Site	Hierarchy						
►	📋 Syst	em Status						
	📄 Dep	loyments						
►	📋 Clie	nt Status						

16) The deployment status page appears in the results page :

System Center 2012

Configuration Manager RTM

Software Update Document

Selected Object Fold	er Tools System Center 2	012 Configuration Mana	ger (Connected to MCM -	SC2012_ConfigMgr_Primary_Site) (Evaluation, 2	179 days 💶 🗗 🗙
Search Deployment (Close				^ 🔞
Run Properties Summarization					
Deployment Properties					
← → · Monitoring ·	Overview Deployme	nts 🕨			💌 ぞ
Monitoring <					
	AAA Deploy	yment Status		Run Summarization 🗇 Refres	h
				Summarization Time: 3/23/2012 10:14	:59 PM
	Software Update: Wind	dows 7 Updates Group			
Reporting	Collection: All D	esktop and Server Clie	ents		
Site Hierarchy	Compliant 🔹 I	n Progress 🔎 Error 🤎	Unknown		
System Status					
A Benloyments	Total Assets V Stat	us		Last Status Time	
Windows 7 Undates Group Sta	3 Cor	npilant		3/23/2012 9:53 PM	
Client Status					
Database Replication					
Distribution Status					
Software Undate Point Synchron					
System Center 2012 Endpoint Pr					
	Asset Details				2
	Filter				9
	Device 🔺 L	ast Logged On User	Last Compliance State	Last Compliance Message Time	
Assets and Compliance	CLIENT	(SYSTEM)	Compliant	3/23/2012 9:11 PM	
Software Library	CONFIGMGR2012	(SYSTEM)	Compliant	3/23/2012 9:23 PM	
	DC	(SYSTEM)	Compliant	3/23/2012 9:53 PM	
Monitoring					
Administration					
•					
Ready					

8. Implementing Automatic Deployment Rules to Deploy Software Updates :

1) Click Software Library workspace , expand Software Updates , and then

click Automatic Deployment Rules :



2) On the Ribbon , click Create Automatic Deployment Rule :

System Center 2012 Configuration Manager RTM Software Update Document

🔢 System Center	2012 Configur	ation M	anager ((Connected	to MCM - 5C2012	_ConfigM	gr_Primary_Site)
- Home							
1	Ŕ						
Create Automatic Deployment Rule	Saved Searches •						
Create	Search						
← → - 📝	\ ▶ Softwa	are Librar	ry ► Ov	verview 🕨	Software Updates	 Auto 	matic Deployment R
Software Library		<	Automa	tic Deploy	ment Rules 0 item	IS	
🔺 💣 Overview			Search				
🕨 🧮 Application	n Managemen	t	Icon	Name	A		Description
🔺 📔 Software U	Jpdates						
🕨 🛃 All Softw	are Updates						(
lange Software	Update Group)S					
💽 Deploym	ient Packages						
📑 Automat	ic Deployment	Rules					
🕨 🦳 Operating	Systems						

3) The Create Automatic Deployment Rule Wizard General dialog box

appears :

System Center 2012 Configuration Manager RTM Software Update Document

🖀 Create Automatic Deploy	rment Rule Wizard	X
General		
General Deployment Settings Software Updates Evaluation Schedule Deployment Schedule User Experience Alerts Download Settings Deployment Package Download Location Language Selection Summary Progress Completion	Specify the settings for this automatic deployment rule Name: Description: Image: Image: Image	2
	<previous next=""> Summary Cancel</previous>	

4) Type a relate information and select Collection , click Create a new

Software Update Group :

😭 Create Automatic Deplo	oyment Rule Wizard	X
General		
Ceneral Ceneral Deployment Settings Software Updates Evaluation Schedule Deployment Schedule User Experience Alerts Download Settings Deployment Package Download Location Language Selection Summary Progress Completion	Specify the settings for this automatic deployment rule Name: Patch Critical Updates Description: Rule to automatically deploy any updates with a custom severity level set to Critical Select a previously saved deployment template that defines configuration settings for this deployment. Before you complete this wizard you have the option to save the current configurations as a new deployment template. Select Deployment Template Select Deployment Template Outcoin: All Desktop and Server Clients Automatic deployment rules define the criteria for what software updates are added to a software update group. Choose whether to add this rule to an existing or new software update Group Create a new Software Update Group Choose whether to enable the deployment after this rule runs for the associated software update group. When this setting is not selected, you must manually deploy the software update group. Previous: Teable the deployment after this rule is run	
	<previous next=""> Summary Cancel</previous>	

5) Click **Next**, the **Deployment Settings** dialog box appears :

👕 Create Automatic Deploy	rment Rule Wizard	×
Deployment Settin	ngs	
General Deployment Settings Software Updates Evaluation Schedule	Specify the settings for this Automatic Deployment Rule	
Deployment Schedule	Use Wake-on-LAN to wake up clients for required deployments	-
User Experience Alerts Download Settings Deployment Package Download Location Language Selection Summary	State message detail level You can specify the state message detail level returned by clients for this software update deployment. A detail level of Normal returns all state messages that are related to the deployment. A detail level of Minimal returns only the enforcement success, and critical error messages. Detail level: Minimal Minimal Some software updates include a license agreement. Software updates that you choose to deploy automatically will not display any license agreement to you, repardless of whether those software updates include a license agreement. You can review the Microsoft Software	
Progress Completion	License Tems in the All Updates list in the Software Updates node of the console.	
	Automatically deploy all software updates found by this rule, and approve any license agreements	
	<previous next=""> Summary Cancel</previous>	

6) Click Next to accept the defaults settings , the Software Updates dialog

box appears :

👕 Create Automatic Deploy	ment Rule Wizard	×
Software Updates		
General Deployment Settings	Select the property filters and search criteria	
Software Updates Evaluation Schedule	The software updates that meet the specified criteria are added to the associated software update group.	
Deployment Schedule	Property filters:	
Alerts		_
Download Settings Deployment Package	Custom Sevenity Date Released or Revised Description	0
Download Location		
Summary		.
Progress	Search criteria:	
	<previous next=""> Summary</previous>	Cancel

7) Under Property filters , click to select Custom Severity :

👕 Create Automatic Deploy	ment Rule Wizard	×
Software Updates	; 	
General Deployment Settings Software Updates Evaluation Schedule Deployment Schedule User Experience Alerts Download Settings Deployment Package Download Location Language Selection Summary Progress	Select the property filters and search criteria The software updates that meet the specified criteria are added to the associated software update group. Property filters: Article ID Bulletin ID Custom Severity Date Released or Revised Description Language Product Required Severity Search criteria:	*
Completion	Custom Severity <items find="" to=""> Image: Second Custom Severity Image: Second Custom S</items>	Gancel

8) After Custom Severity , click <items to find> , the Search Criteria dialog

box appears :

Search Criteria	×
Choose one or more items to sea	arch for:
Critical Important Low Moderate None	
OK	Cancel
OK	Cancel

9) Select Critical, and then click OK will back to Software Updates page :

😭 Create Automatic Deploy	/ment Rule Wizard	×
Software Updates	5	
General Deployment Settings Software Updates Evaluation Schedule	Select the property filters and search criteria The software updates that meet the specified criteria are added to the associated software update group.	
Deployment Schedule User Experience Alerts Download Settings Deployment Package Download Location Language Selection Summary Progress	Property filters: Article ID Bulletin ID Custom Seventy Date Released or Revised Description Language Product Required Seventy	•
Completion	Search criteria: Custom Severity "Critical"	
	<previous next=""> Summary Ca</previous>	ancel

10) Click Next, the Evaluation Schedule dialog box appears :

😭 Create Automatic Deploy	yment Rule Wizard	×
Evaluation Schedu	ule	
General Deployment Settings	Specify the recurring schedule for this rule	
Software Updates		
Evaluation Schedule	Specify a schedule to run this rule. You can manually run this rule regardless of any configured scheduled.	
Deployment Schedule		
User Experience		
Alerts	✓ Enable rule to run on a schedule	
Download Settings	Occurs every 30 days effective 3/23/2012 10:35 PM Customize	
Deployment Package		
Download Location		
Language Selection		
Summary	Because automatic deployment niles are dependent on a current software undate point synchronization, recurring schedules should pot	
Progress	exceed the frequency of your software update point synchronization schedule.	
Completion		
	Current software update point synchronization schedule:	
	Occurs every 7 days effective 2/1/1970 12:00 AM	
	<pre> <pre></pre></pre>	el

11) Click Next to accept the default values , the Deployment Schedule dialog

box appears :

System Center 2012 Configuration Manager RTM Software Update Document

👕 Create Automatic Deploy	ment Rule Wizard	×
Deployment Scher	dule	
General Deployment Settings Software Updates Evaluation Schedule Deployment Schedule	Configure schedule details for this deployment Schedule evaluation Specify if the schedule for this deployment is evaluated based upon Universal Coordinated Time (UTC) or the local time of the client.	
User Experience	Time based on: Client local time	
Alerts	Software available time	
Download Settings	Specify when software updates are available. After this rule is run, software updates are distributed to the content server. Then the	
Deployment Package	software updates are available to install as soon as possible or scheduled to install at a configured period of time after the rule is run.	
Download Location	Note: You must enable this deployment before software updates are available to install.	
Language Selection		
Summary	As soon as possible	
Progress	C Specific time: 7 Days	
Completion	Installation deadline Specify an deadline for required software updates. The deadline is determined by adding the deadline time to the installation time. When the deadline is reached, required software updates are installed on the device and the device is restarted if necessary. As soon as possible Specific time: 7 Days Deadline Time from deployment available time):	
	3/30/2012 10:35:00 PM	
	<previous next=""> Summary Cancel</previous>	

12) Click Next to accept the defaults settings , the User Experience dialog box

appears :

System Center 2012 Configuration Manager RTM Software Update Document

Treate Automatic Deploy	ment Rule Wizard	X
User Experience		
General Deployment Settings Software Updates Evaluation Schedule	Specify the user experience for this deployment	
Deployment Schedule	User notifications: Hide in Software Center and all notifications	-
User Experience Alerts Download Settings Deployment Package Download Location Language Selection Summary Progress Completion	Deadline behavior When the installation deadline is reached, allow the following activities to be performed outside of any defined maintenance windows: Software Installation System restart (if necessary) Device restart behavior Some software updates require a system restart to complete the installation process. You can suppress this restart on servers and workstations. Suppress the system restart on the following devices: Servers Workstations	
	<previous next=""> Summary Cancel</previous>	

13) Click Next to accept the default settings , the Alerts dialog box appears :

👕 Create Automatic Deploy	ment Rule Wizard	X
Alerts		
General Deployment Settings Software Updates Evaluation Schedule Deployment Schedule User Experience Alerts Download Settings Deployment Package Download Location Language Selection Summary	Specify software update alert options for this deployment Configuration Manager alerts Specify the oriteria for generating a Configuration Manager alert. Generate an alert when the following conditions are met Client compliance is below the following percent: 90 Offset from the deadline: Alerts are generated after the installation deadline is checked. Deadline time:	
Progress Completion	Operations Manager alerts System Certer Operations Manager might generate alerts when a device installs a software update. To avoid receiving alerts for planned maintenance, you can disable these alerts during the duration of the software update installation process. Disable Operations Manager alerts while software updates run Generate Operations Manager alert when a software update installation fails	
	<previous next=""> Summary Cancel</previous>	

14) Select Generate an alert when the following conditions are met :

👕 Create Automatic Deploy	ment Rule Wizard	×
Alerts		
General Deployment Settings Software Updates Evaluation Schedule Deployment Schedule User Experience Alerts Download Settings Deployment Package Download Location Language Selection Summary Progress Completion	Specify software update alert options for this deployment Configuration Manager alerts Specify the criteria for generating a Configuration Manager alert. Image: The criteria for generating a Configuration Manager alert. Image: The criteria for generating a Configuration Manager alert. Image: The criteria for generating a Configuration Manager alert. Image: The criteria for generating a Configuration Manager alert. Image: Client compliance is below the following percent: Image: The compliance is below the	
	<previous next=""> Summary Cancel</previous>	

15) Click Next, the Download Settings dialog box appears :

😭 Create Automatic Deploy	yment Rule Wizard	×
Download Setting	js	
Oownload Settings General Deployment Settings Software Updates Evaluation Schedule Deployment Schedule User Experience Alerts Download Settings Deployment Package Download Location Language Selection Summary Progress Completion	s Specify the software updates download behavior for clients on slow site boundaries. Select the deployment option to use when a client is within a slow or unreliable network boundary, or when the client uses a fallback source location for content. Deployment options:	~
	<previous next=""> Summary Cancel</previous>	

16) Click Download software updates from distribution point and install :

😭 Create Automatic Deployr	ment Rule Wizard	X
Download Settings		
General Deployment Settings Software Updates	Specify the software updates download behavior for clients on slow site boundaries.	
Evaluation Schedule Deployment Schedule	Select the deployment option to use when a client is within a slow or unreliable network boundary, or when the client uses a fallback source location for content.	
User Experience Alerts	Deployment options:	
Download Settings Deployment Package Download Location	O Download software updates from distribution point and install	
Language Selection Summary	When software updates are not available on any preferred distribution points, clients can download and install software updates from a fallback source location for content.	
Progress	Deployment options:	
Completion	O Do not install software updates	
	C Download and install software updates from the fallback content source location	
	☑ Allow clients to share content with other clients on the same subnet	-
	<pre> <pre></pre></pre>	

17) And then click ${\bf Next}$, the ${\bf Deployment}\ {\bf Package}\ {\rm dialog}\ {\rm box}\ {\rm appears}$:

🖀 Create Automatic Deploy	ment Rule Wizard	×
Deployment Packa	ge	
General Deployment Settings Software Updates Evaluation Schedule Deployment Schedule User Experience	Select deployment package for this automatic deployment rule The deployment package contains the software update files associated with this rule that will be available to clients as part of the deployment. You can select an existing deployment package or create a new one.	
Alerts	Select deployment package:	
Download Setungs	Browse	
Download Location	C Create a new deployment packane:	1
Language Selection		
Summary		-
Progress	Description:	
Completion		1
	Package source (Example):\\ <server>\-folder path></server>	
	Browse	
	Sending priority: Medium	
	<previous next=""> Summary Cancel</previous>	

18) Click Create a new deployment package , and enter relate information :

🖀 Create Automatic Deployi	ment Rule Wizard	×
Deployment Packag	ge	
General Deployment Settings Software Updates Evaluation Schedule Deployment Schedule	Select deployment package for this automatic deployment rule The deployment package contains the software update files associated with this rule that will be available to clients as part of the deployment. You can select an existing deployment package or create a new one.	
User Experience Alerts Download Settings Deployment Package	Select deployment package: Browse	
Distribution Points Download Location Language Selection Summary Progress Completion	Create a new deployment package: Name: Critical Updates Description: .	<u> </u>
	Package source (Example):\\ <server>\dolder path> \\ConfigMgr2012\SoftwareUpdates\CriticalUpdates Browse</server>	_
	Sending priority: Medium	
	<previous next=""> Summary Cance</previous>	9

19) Click Next, the Distribution Points dialog box appears :

Treate Automatic Deploy	yment Rule Wizard						X
Distribution Points	S						
General	Specify the d	listribution points or dis	tribution point group	is to host the co	ntent		
Deployment Settings							
Software Updates							
Evaluation Schedule	Distribution points	s or distribution point groups:					
Deployment Schedule							
User Experience	Filter				ρ.	Add	•
Alerts	Name	Description	Associations			Remove	
Download Settings		There are n	o items to show in this view		1		_
Deployment Package							
Distribution Points							
Download Location							
Language Selection							
Summary							
Progress							
Completion					6		
	1						
	-						
	0		< Previous	s Next >	Summary	Cancel	

20) Click Add --- Distribution Point , the Add Distribution Point dialog box

appears :

valiable distribution point	S:	0
Filter		 <u></u>
□ \\ConfigMgr2012.Co	ontoso.msft	
		a

21) Select the **DP** and click **OK**, will back to **Distribution Points** page :

👕 Create Automatic Deploy	yment Rule Wizard	×
Distribution Point	S	
General	Specify the distribution points or distribution point aroups to host the content	
Deployment Settings		
Software Updates		
Evaluation Schedule	Distribution points or distribution point groups:	
Deployment Schedule		
User Experience	Filter P	Add 🔻
Alerts	Name Description Associations	Remove
Download Settings	\\ConfigMgr2012.Contoso.msft Distribution point -	
Deployment Package		
Distribution Points		
Download Location		
Language Selection		
Summary		
Progress		
Completion		
	<pre> <pre></pre></pre>	Cancel

😭 Create Automatic Deploy	ment Rule Wizard	x
Download Location	n	
General Deployment Settings Software Updates Evaluation Schedule Deployment Schedule User Experience Alerts Download Settings Deployment Package Distribution Points Download Location Language Selection Summary Progress Completion	Specify download location for this Automatic Deployment Rule If your site server does not have an internet connection, you can download the software updates from a different computer and save them to a network location accessible by the site server. Image: Download software updates from the internet Download software updates from a location on my network: Example: \\server>\cfolder path> Image: Download software updates from a location on my network: Note: When the deployment package contains all required software updates, select "Download software updates from the Internet". The software updates files will be validated, but will not be downloaded again.	
	<previous next=""> Summary Cancel</previous>	

22) Click Next, the Download Location dialog box appears :

23) Click Next to accept the default setting , the Language Selection dialog

box appears :

👕 Create Automatic Deploy	ment Rule Wizard		×
Language Selectio	on		
General	Select languages for which soft	ware update files are downloaded	
Deployment Settings			
Software Updates			
Evaluation Schedule	Specify the languages for the software update	files that you want to download. The software updates are downloaded only if they are	
Deployment Schedule	available in the selected languages. Software	updates that are not language-specific are always downloaded.	
User Experience			
Alerts			
Download Settings	Language	Update File	_
Deployment Package	Arabic		
Distribution Points	Chinese (Hong Kong S.A.R.)		
Download Location	Chinese (Taiwan)		
Language Selection	Chinese (People's Republic of China)		
Summary	Czech		
Progress	Danish		
Completion	Dutch		
	English		
	Finnish		
	French		
	German		
	Greek		
	Hebrew		
	Hungarian		
	Italian		
	Japanese		
	Korean	Π	
	0	< Previous Next > Summary Can	cel
		Community Community	

24) Click Next, the Summary dialog box appears :

Treate Automatic Deploy	yment Rule Wizard	×
Summary		
General Deployment Settings Software Updates Evaluation Schedule Deployment Schedule User Experience Alerts Download Settings Deployment Package Distribution Points Download Location Language Selection Summary Progress Completion	Details: Details: Automatic Deployment Rule: Patch Critical Updates Collection: All Desktop and Server Clients Automatic Deployment Rule: Patch Critical Updates Collection: All Desktop and Server Clients Automatic Deployment Rule: Patch Critical Updates Collection: All Desktop and Server Clients Automatic Deployment on successful execution of rule: Yes Deployment Settings: Send wake-up packets: No Only deploy software updates that do not require a license agreement: No Software Updates: Outson Serverity: "Critical" Watuation Schedule: Use a outsom schedule to evaluate this rule: Occurs every 30 days effective 3/23/2012 10:35 PM Deployment Schedule: Use a outsom schedule swill be based on: Computer local time Use do ustom schedules will be based on: Computer local time Ime between rule run and deployment available: As soon as possible Ime between rule run and deployment available: As soon as possible Imatel Streamer updates ustile the maintenance window when deadline is reached: No Install software updates ustile the maintenance window when deadline is reached: No Imatel Streamer updates install: No Disable Window Event while updates install: No Di	Save As Template
	<pre></pre>	Summary Cancel

25) Click Next , will display Progress dialog box :

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🖀 Create Automatic Deploy	rment Rule Wizard	\times
Progress		
General Deployment Settings Software Updates Evaluation Schedule Deployment Schedule User Experience Alerts Download Settings Deployment Package Distribution Points Download Location Language Selection Summary Progress Completion	Status: Working	
	<previous next=""> Summary Cancel</previous>	

26) Wait some seconds , the **Completion** dialog box appears :

😭 Create Automatic Deploy	ment Rule Wizard	×
Completion		
General Deployment Settings Software Updates Evaluation Schedule Deployment Schedule User Experience	The Create Automatic Deployment Rule Wizard completed successfully Details: General: Automatic Deployment Rule: Patch Critical Updates Collination: All Dyslam and Source Clinate	·
Alerts Download Settings Deployment Package Distribution Points Download Location Language Selection Summary	Collection: An Deskuby and Server Clients Action that rule should create: Create New Update Group Enable Deployment on successful execution of rule: Yes Deployment Settings: Send wake-up packets: No Verbosity Level: Minimal Only deploy software updates that do not require a license agreement: No Software Updates: Custom Severity: "Critical" Evaluation Schedule: Use a custom schedule to evaluate this rule: Occurs every 30 days effective 3/23/2012 10:35 PM Deployment Schedule:	н
Progress Completion	Deployment schedules will be based on: Computer local time Time between rule run and deployment available: As soon as possible Time between deployment available and deadline: 7 Days User Experience: User Notifications: Hide in Software Center and all notifications Install software updates outside the maintenance window when deadline is reached: No Restart system outside the maintenance window when deadline is reached: No Restart system outside the maintenance window when deadline is reached: No Restart system outside the maintenance window when deadline is reached: No Restart system outside the maintenance window when deadline is reached: No Restart system outside the maintenance window when deadline is reached: No Restart system outside the maintenance window when deadline is reached: No Restart system outside the maintenance window when deadline is reached: No Restart system outside the maintenance window when deadline is reached: No Restart system outside the maintenance window when deadline is reached: No Restart system outside the use Allowed Alerts: On update installsation error generate a Vindow Event: No Disable Vindow Event while updates install: No Download Settings: Computers can retrieve content from remote distribution points: No Download and install Software updates from the fallback content source location: Yes	
	Package To exit the wizard, click Close.	Close

27) Click Close . Expand Software Updates , and then click Automatic

Deployment Rules , you can see just created rule :

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Home	^ 🔞		
Image: Create Automatic Deployment Rule Saved Searches ▼ Non Or Refresh Properties Create Search Automatic Deployment Rule Properties			
🗲 🔶 👻 🔐 🔪 Software Library 🔸 Overview 🔸 Software Updates 🔸 Automatic Deployment Rules	- 🕏		
Software Library < Automatic Deployment Rules 1 items			
Search Search	Add Criteria 🔻		
Application Management Icon Name Description Enabled Last Error Code Last Error Code	Last Error Description		
🔺 🛅 Software Updates 🛛 👔 Patch Critical Updates Rule to automatically deploy any updates wit Yes 0X0000000 Succe	s		
Software Update Groups C Deployment Packages C Automatic Deployment Rules C Operating Systems			
Reference Assets and Compliance			
Software Library			
Monitoring			
Administration			
• « III	•		

28) On the Ribbon , click Run Now :

🔢 System Center 2	2012 Configur	ation Ma	anager ((Connected to M	CM - 5C20	12_ConfigMgr_Primary_Site) (Evaluation, 1	.79 days left)		
Home									
Create Automatic Deployment Rule Create	Saved Searches • Search	Run Now Auto	Ena	ble X Delete able resh oloyment Rule	Propertie	25			
← → ▼ 🔐 \ > Software Library > Overview > Software Updates > Automatic Deployment Rules									
Software Library Automatic Deployment Rules 1 items									
🔺 💣 Overview	Search								
 Application Management 			Icon	Name		Description	Enabled		
🔺 🚞 Software Updates			Ľ	Patch Critical U	pdates	Rule to automatically deploy any updates wit	updates wit Yes		
🕨 🛃 All Softw	are Updates								
lange Software	Update Group	os							
🛐 Deployment Packages									
📄 Automat	ic Deployment	t Rules							
Operating	Systems								

29) A **Configuration Manager** message box appears indicating that the automatic deployment rule will be evaluated , and appropriate software updates

will be added to the designated software update group :



30) Click **OK**, the automatic deployment rule evaluation process occurs. There is no visual confirmation that the process has completed. It will take a moment for the automatic deployment rule to run and create the software update group and deployment. Expand **Software Updates**, and then click **Software Update Groups**, you can see just created group :

🔢 System Center 2	012 Configuration M	lanager (Co	nnected to	MCM - SC2	012_ConfigM	lgr_Primary_	Site) (Evaluati	ion, 179 days l	left)			_	- B ×
Home													^ 🕐
Synchronize Software Updates	Schedule Summarization	Saved Searches •	Show Members	Download g	Run Summarization	Q Refresh ★ Delete	Deploy	Set Security Scopes	Properties				
All Software Updates	Reports	Search		Upda	ate Group		Deployment	Classify	Properties				
🗲 🔶 👻 🛐 🔪 Software Library 🕨 Overview 🔺 Software Updates 🔸 Software Update Groups 💌 🥏													
Software Library	٢	Software (Jpdate Gro	ups 2 items	5								
🔺 💣 Overview		Search								>	🖉 🔎 Search	Add Crit	eria 🔻
Application	Management	Icon M	lame	^		Descripti	Date Created	Last Date N	Nodified Perce	ent Compli	Created By	Deployed	Down
🔺 🚞 Software Up	odates	1	Patch Critica	Updates 20	12-03-24 01:03	3 Patch C	3/24/2012 1:	0 3/24/2012	2 1:03 0		AutoUpdate	Yes	Yes
🔺 🛃 All Softwa	re Updates	Ð	Windows 7 U	Ipdates Grou	p		3/23/2012 7:	5 3/23/2012	7:51 100		CONTOSO\	Yes	Yes
lindow	s 7 Updates Group												
lange Software U	Update Groups												
🛐 Deployme	ent Packages												
📑 Automatio	: Deployment Rules												
🕨 📔 Operating S	ystems	٠											+
Patch Critical Updates 2012-03-24 01:03:36											*		
		Detail Statistics											
		Date C Descri Downl Deploy	Created: ption: oaded: /ed:		3/24/2012 1:0 Patch Critical I Yes Yes)3 AM Updates					Compl Non-ce Unkno	iant: 0 ompliant: 0 wn: 0	
Assets and Co	ompliance	Numb Deploy	er of Collect /ed to:	ions	1		No Data (Last Update: Never)						
Software Libr	ary												
Monitoring													
Administratio	in												
	-	Summary	Deploym	ent									
Ready													

31) Click the **Deployment** tab , you can see the deployment is enabled :

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Selected Object Syste	em Cente	r 2012 Configuration Manager (Connect	ed to MCM - S	6C2012_Confi	gMgr_Primary_Site	e) (Evaluat	ion, 179	days left)	_	8×	
Home Deployment										<u>~</u>	
Enable Delete Disable Properties Refresh Properties Deployment Properties											
← → ▼ 🛐 \ ► Software Librar	y ⊦ 0\	verview 🕨 Software Updates 🕨 Softwar	e Update Grou	ps]	- 2	
Software Library <	Software	Update Groups 2 items									
🔺 💣 Overview	Search						\times	🔎 Search	Add Crit	aria 🔻	
Application Management	Icon	Name	Descripti Da	ate Created	Last Date Modified	Percent Co	mpli	Created By	Deployed	Down	
 Software Updates 	51	Patch Critical Updates 2012-03-24 01:03	Patch C 3	/24/2012 1:0	3/24/2012 1:03	0		AutoUpdate	Yes	Yes	
🔺 📷 All Software Updates	S 1	Windows 7 Updates Group	3	/23/2012 7:5	3/23/2012 7:51	100		CONTOSO\	Yes	Yes	
loftware Update Groups											
🛐 Deployment Packages											
🖃 Automatic Deployment Rules											
Operating Systems	•									•	
	Patch Critical Updates 2012-03-24 01:03:36										
	Icon Name Deployment Type Target Collection Name Ena					Enabled	bled Deployed On				
		Patch Critical Updates 2012-03-24 01:03	3:39 Group		All Desktop and Se	rver Cli	Yes	3/24/2012	2 1:03 AM		
Assets and Compliance											
Software Library											
Monitoring											
Administration											
•	Summa	ry Deployment									
Ready											

32) Click **Deployment Packages**, the **Critical Updates** package was created earlier and was selected as the deployment package to contain the updates matching the automatic deployment rule :
System Center 2012

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System Center 2012 Configuration M	lanager (Connected to MCM - S	C2012_ConfigMgr_Pri	mary_Site) (Evaluation	ı, 179 days left)	_ <u>-</u>			
▼ Home					^ @			
Saved Searches • Show Manage Access Members Accounts	Create Prestage Content File Refresh Delete	Distribute Content Distribution	e Set Security Points Scopes	Properties				
Search Deployment Package		Deployment	Classify	Properties				
← → ▼ ✓ <	ry 🕨 Overview 🕨 Software L	Ipdates > Deployment	: Packages		- 🕏			
Software Library <	Deployment Packages 2 items Search Add Criter							
Overview Application Management	Turn Marris	De aleren TD						
Application Management	Critical Updates	MCM00009						
A All Software Updates	Windows 7 Updates	MCM00007						
Tindows 7 Updates Group								
Software Update Groups								
Deployment Packages								
Automatic Deployment Rules								
Operating Systems								
	Critical Updates v							
	Package Properties		Distribution Point Stat	Related Objects				
	Package ID: Source Date:	MCM00009 3/24/2012		Success: 1 In Progress: 0	G Content Status			
	Last Refresh Time:	1:04 AM 3/24/2012		Unknown: 0				
Note: Assets and Compliance		1:04 AM	1 Targeted (Last Up	odate: 3/24/2012 1:04 AM)				
Software Library								
Monitoring								
Administration								
•								
Ready								

33) On the Ribbon , click Show Members :

System Center 2012 Configuration Manager (Connected to MCM - SC2012_ConfigMgr_Primary_S									
Home									
	Create Prestage Content File								
Saved Show Hanage Access Searches • Members Accounts	Delete Conter	ribute Update ntent Distribution Points							
Search Deploym	ent Package	Deployment							
← → ▼ 🛐 \ ► Software Library ► Overview ► Software Updates ► Deployment Package									
Software Library									
 A Overview 	Search								
Application Management	Icon Name	Package ID							
🔺 🚞 Software Updates	Critical Updates	MCM00009							
🔺 🛃 All Software Updates	Windows 7 Updates	MCM00007							
lindows 7 Updates Group									
<u> S</u> oftware Update Groups									
Deployment Packages									
📄 Automatic Deployment Rules									
Operating Systems									

34) The updates included in the deployment package are displayed in the

Justin Gao 高扬 yanga@microsoft.com http://blogs.technet.com/b/justin_gao results pane , Critical Updates added under All Software Updates , and you can

Selected Object Folde	er Tools	System Center 2012 Co	nfiguration I	Manager (Con	nected to M	CM - 5C201	2_ConfigMgr_Primary	_Site) (Evaluati	on, 179 days l	_ 8 ×	
Home Package Cl	lose									^ 🕜	
Manage Access Accounts Deployment Package	nt File	Distribute Content Distribution Po Deployment	Set Dints S	Security Pro copes Pro lassify Pro	operties						
← → ▼											
Software Library < Critical Updates 120 items											
▲ a Overview	Searc	Search Add Criteria							dd Criteria 🔻		
Application Management	Icon	Title		Bulletin ID	Required	Installed	Percent Compliant	Downloaded	Deployed	*	
A Software Updates	-	Security Update for Wir	ndows Serv	MS10-076	0	0	100	Yes	Yes		
🔺 🐻 All Software Updates	-	Security Update for Wir	ndows Serv	MS10-033	0	0	100	Yes	Yes		
Critical Updates	-	Security Update for Wir	ndows Serv	MS10-019	0	0	100	Yes	Yes		
🛐 Windows 7 Updates Group	-	Security Update for Wir	ndows Serv	MS10-019	0	0	100	Yes	Yes		
🔙 Software Update Groups	5	Security Update for Wir	ndows Serv	MS10-013	0	0	100	Yes	Yes		
🛐 Deployment Packages	-	Security Update for Wir	ndows Serv	MS12-013	2	0	33	Yes	Yes		
📑 Automatic Deployment Rules	2	Security Update for Wir	ndows Serv	MS12-020	2	0	33	Yes	Yes	÷	
Operating Systems	Coperating Systems Security Update for Windows Server 2008 R2 x64 Edition (KB982132)									~	
	Deta	Detail				Stati	sucs				
	Se Bu Ari Da	Severity: Critical Bulletin ID: MS10-076 Article ID: 982132 Date Released: 12/14/2010 10:00 AM				Compliant: 0 Required: 0 Not Required: 3 Unknown: 0					
Assets and Compliance	Da Su	Date Released or Revised: 12/14/2010 10:00 AM Superseded: No				Total Asset Count: 3 (Last Update: 3/23/2012 9:21:01 AM)					
oftware Library	Ex	Expired: No Undate Classification: "Security Undates"									
Monitoring	NA	AP Evaluation:	No	publics							
Administration											
•	Summ	nary Deployment									
Ready											

see all updates Downloaded and Deployed was changed to Yes :

35) Your all clients will to start installing these updates .

36) Now I have finished System Center 2012 Configuration Manager RTM

Software Update Management document.