Mar.15 2012



1. Deploy Environment Introduction :

This operations process including four 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. DB:

Role : Domain Member and SC2012 ConfigMgr RTM 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. ConfigMgr2012 :

Role : SC2012 ConfigMgr RTM

OS: Windows Server 2008 R2 Enterprise Edition with SP1

IE : IE 9.0

IP:192.168.0.102/24

DNS: 192.168.0.100

4. 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 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.

4. Configure SC2012 ConfigMgr RTM :

1) Logon to ConfigMgr2012 server, click Configuration Manager Console

shortcut, the Configuration Manager Console will be open, by default, will into

Assets and Compliance workspace directly, click Administration workspace:



2) Click Hierarchy Configuration --- Discovery Methods node, you can see

there have six discovery methods :

System Center 2012 Configuration Manager RTM

Configure Document

System Center 2012 Configuration Manage	er (Conne	ected to MCM - SC2012_ConfigMgr	_Primary_Sit	e) (Evaluati	ion, 179 days left)	- 8 ×
Home						^ 🔞
Saved Searches • Search						
← → ▼ 💉 \ ► Administration ► 0	Overview	Hierarchy Configuration Disc	covery Methods			- 2
Administration <	Discove	ery Methods 6 items				
Overview	Search				X Search Ad	dd Criteria 🔻
 Hierarchy Configuration 	Icon	Name	Status	Site	Description	
😥 Discovery Methods	N	Active Directory Forest Discovery	Disabled	MCM	Configures settings that Configuration Manager uses to find Ac	tive
🛤 Boundaries	N	Active Directory Group Discovery	Disabled	MCM	Configures settings that Configuration Manager uses to find gr	oups
🛤 Boundary Groups	N	Active Directory System Discovery	Disabled	MCM	Configures settings that Configuration Manager uses to find co	mput
Exchange Server Connectors	N	Active Directory User Discovery	Disabled	MCM	Configures settings that Configuration Manager uses to find us	er ac
📑 Addresses	N	Heartbeat Discovery	Enabled	MCM	Configures interval for Configuration Manager clients to period	cally
\Lambda Active Directory Forests	N	Network Discovery	Disabled	MCM	Configures settings and polling intervals to discover resources	on th
Site Configuration						
Network Settings						
Security						
Distribution Points						
Control Contemporary Control C						
Migration						
Ascets and Compliance						
Software Library						
Monitoring						
Administration						
Ready						

3) Click Active Directory Forest Discovery item :



4) In Ribbon zone, click Properties , will open Active Directory Forest

Discovery Properties box :

Acti Gene	ive Directory Forest Discovery Properties
s.	Active Directory Forest Discovery
Co for cre	onfigure settings to find resources from Active Directory forests. When you configure the rests to discover Active Directory sites and subnets, Configuration Manager can automatically eate boundaries from this information.
	Enable Active Directory Forest Discovery
	Automatically create Active Directory site boundaries when they are discovered
	Automatically create IP address range boundaries for IP subnets when they are discovered
	Schedule
	Run every: 1 😴 Weeks 💌
	OK Cancel Apply

5) Select Enable Active Directory Forest Discovery item , based on you

requirements select whether automatically create AD site or IP subnet boundaries :

📑 Activ	e Directory Forest Discovery Properties	×
Genera	al	
1	Active Directory Forest Discovery	
Conf fores crea	figure settings to find resources from Active Directory forests. When you configure the sts to discover Active Directory sites and subnets, Configuration Manager can automatically ste boundaries from this information.	
V 6	Enable Active Directory Forest Discovery	
I	Automatically create Active Directory site boundaries when they are discovered	
I	Automatically create IP address range boundaries for IP subnets when they are discovered	
Г	Schedule	
	Run every: 1 🐺 Weeks 💌	
L		
0	OK Cancel Apply]

6) Click **Apply**, will display this information box :



7) Click Yes will start the first full discovery , click OK , you can see Active

Directory Forest Discovery item is enabled :



8) Double-click Active Directory Group Discovery item , will open Active

Directory Group Discovery Properties box :

General Polling Schedu	ule Option			
Active Directo	ory Group Discovery			
Configure settings to di	scover the Active Dire	ectory group member	ship of computers a	nd users.
Enable Active Dire	ctory Group Discovery	,		
Discovery scopes:				,
Filter			_	P
Name	Туре	Recursive	Account	
	i nere are no iter	ms to show in this v	/lew.	
	i nere are no ite	ms to show in this t	new.	

9) Select Enable Active Directory Group Discovery item :

Active Direc	tory Group Discovery		
Configure settings to (discover the Active Dire	ectory group member	rship of computers and user
 Enable Active Dir 	rectory Group Discovery	,	
Discovery scopes:			
Filter			
Name	Туре	Recursive	Account

10) Click Add , you can select Groups... or Location... item :

Active Directo	ule Option ory Group Discovery			
Configure settings to di	scover the Active Dire	ctory group member	ship of computers	s and users.
Fnable Active Dire	ctory Group Discovery			
Discovery scopes:	citory circup biscovery			
Filter				P
Name	Туре	Recursive	Account	

11) In here , you can click Location... item , will open Add Active Directory

Location box :

Add Active Directory Location	۲
Active Directory location Enter the location by using a distinguished name (DN) for an Active Directory forest, domain, container, or organizational unit (OU). Or, browse to the location. When you specify an Active Directory location that has a large number of groups or groups that have many members, the discovery process can take a long time to finish.	
Name: Image:	
Active Directory Group Discovery Account The Active Directory Group Discovery Account must have Read permission to the specified location. Use the site server's computer account Specify an account:	
OK Cancel	

12) Input name in Name field, click Browse... , will open Select New

Container box :

Select New Container	×
Active Directory container:	
⊡	_
🗄 🕂 🛅 Builtin	
E Computers	
🗄 🔂 ConfigMgr Users	
🗄 🔂 Domain Controllers	
Foreign Security Principals	
🗄 🔚 LostAndFound	
🗄 🔚 Managed Service Accounts	
🗄 🛅 NTDS Quotas	
📺 🛁 Program Data	
📺 🛅 System	
i ⊡ ⊡ Users	
,	
OK Cance	

13) Based on your requirements and select discovery scope , click OK :

Add Active Directory Location	×
Active Directory location	
Enter the location by using a distinguished name (DN) for an Active Directory forest, domain, container, or organizational unit (OU). Or, browse to the location.	
When you specify an Active Directory location that has a large number of groups or groups that have many members, the discovery process can take a long time to finish.	
Name: Contoso AD Groups	
Location: Example: LDAP://OU=UserAccounts, DC=contoso, DC=com	
LDAP://DC=Contoso,DC=msft Browse	
Recursively search Active Directory child containers	
Active Directory Group Discovery Account	
The Active Directory Group Discovery Account must have Read permission to the specified location.	
 Use the site server's computer account 	
C Specify an account:	
Set 🔻	
OK Cancel	

14) Click OK will back to Active Directory Group Discovery Properties box,

you can adding more discovery scopes :

eneral Polling Schedule	Option	ties		
Configure settings to discov	ver the Active Direct	tory group member	ship of computers ar	nd users
Enable Active Directory	Group Discovery	ary group monibul	ang or compared u	
Discovery scopes:				
Filter				P
Name	Туре	Recursive	Account	
Contoso AD Groups	Location	Yes	Site Server	

15) Click **Polling Schedule** table , you can setting full discovery polling schedule and delta discovery interval :

Active Directory Group Discovery Properties	×
General Polling Schedule Option	
Specify how often Configuration Manager polls Active Directory Domain Services to find groups.	
Full discovery polling schedule:	
Occurs every 7 days effective 1/1/1998 12:00 AM Schedule	
Enable delta discovery Delta discovery finds resources in Active Directory Domain Services that are new or modified since the last discovery cycle.	
Delta discovery interval (minutes):	
OK Cancel App	ły

16) Click **Option** table , you can setting exclude discovery options :

Active Directory Group Discovery Properties	×
General Polling Schedule Option	
Configure options to exclude distribution groups and computers from discovery.	
Only discover computers that have logged on to a domain in a given period of time	
Time since last logon (days):	
This option requires Active Directory domain function level of Windows Server 2003 or later.	
Only discover computers that have updated their computer account password in a given period of time	
Time since last password update (days):	
Discover the membership of distribution groups	
OK Cancel Apply	

17) Setting finished , you can click $\ensuremath{\textbf{Apply}}\xspace{---}\ensuremath{\textbf{OK}}$, the information box will

display again :



18) Click Yes and OK this discovery item will be enabled :

🔢 System Ce	enter 2012 Configuration M	lanage	r (Conne	cted to MCM - SC2012_ConfigMgr	_Primary_Site)
• н	lome				
Ź	💦 Refresh				
Saved Searches •	Run Full Discovery Now	Pro	operties		
Search	Discovery Method	Pr	operties		
← → -	Mainistration ♦	• • (Dverview	Hierarchy Configuration Dis	covery Methods
Administratio	n	<	Discove	ry Methods 6 items	
🔺 🚮 Overvi	ew		Search		
🔺 🧮 Hiera	archy Configuration		Icon	Name	Status
📢 Dis	scovery Methods		N	Active Directory Forest Discovery	Enabled
🛤 Bo	undaries		N.	Active Directory Group Discovery	Enabled
💽 Bo	undary Groups		N	Active Directory System Discovery	Disabled
Exc	change Server Connectors		N	Active Directory User Discovery	Disabled
📑 Ad	dresses		N	Heartbeat Discovery	Enabled
🛕 Ac	tive Directory Forests		N	Network Discovery	Disabled
🕨 🚞 Site	Configuration				
톤 Clier	nt Settings				
🕨 🧮 Secu	irity				
📄 Distr	ibution Points				
🖺 Distr	ibution Point Groups				
🕨 📔 Migr	ration				

19) Now you can enable more discovery items :

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📴 System Center 2012 Configuration Manage	r (Conne	cted to MCM ·	SC2012_C	ionfigMgr_	_Primary_	Site)
Home						
Saved Searches -						
Search						
← → ▼ N → Administration → O	Overview	Hierarchy	Configuration	n 🕨 Disc	overy Meth	hods
Administration <	Discover	ry Methods 6	items			
 Overview 	Search					
 Hierarchy Configuration 	Icon	Name	^		Status	
😥 Discovery Methods	N	Active Directo	ory Forest Dis	scovery	Enabled	
🛤 Boundaries	N	Active Directo	ory Group Dis	scovery	Enabled	
🛤 Boundary Groups	N	Active Directo	ory System D	iscovery)	Enabled	
Exchange Server Connectors	N	Active Directo	ory User Disc	overy	Enabled	
📑 Addresses	N	Heartbeat Dis	scovery		Enabled	
Active Directory Forests	N	Network Disc	overy		Disabled	I
Site Configuration						
🜉 Client Settings						
Security						
Distribution Points						
📇 Distribution Point Groups						
Migration						

20) Click Assets and Compliance workspace , click User Collections node :

System Center 2012 Configuration Manager RTM

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Folder Tools System Center	r 2012 Configuration N	1anager (Connect	ed to MCM - SC2012_Con	figMgr_Primar	y_Site) (Evaluation, 17	79 days left)	_ 8 ×
Home Folder							^ 🔞
Create User Import Collection Collections Create Searches -							
← → ▼ 💰 \ ► Assets and Compliance	e ► Overview ► U	ser Collections					- 2
Assets and Compliance	User Collections 3 iter	ms					
4 👺 Overview	Search					🗙 🔎 Search	Add Criteria 🔻
🔱 Users	Icon Name	•	Limiting Collection	Member Count	Members Visible on Site	Referenced Collections	
🖳 Devices	🤞 🛛 All User Grou	ps	All Users and User Groups	17	17	0	
💰 User Collections	🤌 🛛 All Users		All Users and User Groups	3	3	0	
Device Collections	💰 🛛 All Users and	User Groups		20	20	0	
🐁 User State Migration							
Asset Intelligence							
📜 Software Metering							
Compliance Settings							
Endpoint Protection							
ssets and Compliance							
👘 Software Library							
Monitoring							
Administration							
•							

21) You can see three default users collections , double-click any collection you

Selected Object Folder Tools	System	Center 2012 Configuratio	n Manager (Con	nected t	o MCM - 5C2012_Co	nfigMgr_Primary_Site)	(Evaluation, 179 day	/s I <u>- 8 ×</u>
Home Collection Close								^ 🕜
Add Manage Affinity Update Selected Items • Requests Membership Collection	Add Re	sources Copy Export Copy	Deploy Deployment	Properties Properties	5			
← → ▼ 😣 \ ► Assets and Compliance	e ▶ 0	verview 🕨 Users 🕨 All I	Jsers and User Gr	oups				- 2
Assets and Compliance <	All User	s and User Groups 20 item	s					
🔺 👺 Overview	Search						🗙 🔎 Search	Add Criteria 🔻
🔺 🤱 Users	Icon	Name			Domain	Resource Type		A
All Users and User Groups	8	CONTOSO\Administrator (A	dministrator)		CONTOSO	User		
🖳 Devices	2	CONTOSO\Allowed RODC P	assword Replicati	on Group	CONTOSO	User Group		
💰 User Collections	20	CONTOSO\Cert Publishers			CONTOSO	User Group		
💕 Device Collections	<u>89</u>	CONTOSO\ConfigMgr IIS S	ervers		CONTOSO	User Group		
🐁 User State Migration	22	CONTOSO\Denied RODC Pa	assword Replicatio	n Group	CONTOSO	User Group		
Asset Intelligence	<u>88</u>	CONTOSO\DnsAdmins			CONTOSO	User Group		
🗒 Software Metering	<u>89</u>	CONTOSO\DnsUpdateProxy	,		CONTOSO	User Group		
Compliance Settings	<u>80</u>	CONTOSO\Domain Admins			CONTOSO	User Group		
Endpoint Protection	<u>89</u>	CONTOSO\Domain Comput	ers		CONTOSO	User Group		=
	<u>88</u>	CONTOSO\Domain Controll	ers		CONTOSO	User Group		
	<u>88</u>	CONTOSO\Domain Guests			CONTOSO	User Group		
	<u>89</u>	CONTOSO\Domain Users			CONTOSO	User Group		
	<u>80</u>	CONTOSO\Enterprise Admi	ns		CONTOSO	User Group		
	<u>89</u>	CONTOSO\Enterprise Read	-only Domain Cont	trollers	CONTOSO	User Group		
Assets and Compliance	<u>89</u>	CONTOSO\Group Policy Cre	ator Owners		CONTOSO	User Group		
👘 Software Library	8	CONTOSO\justin (Justin Ga	o)		CONTOSO	User		
Monitoring	8	CONTOSO\kathy (Kathy Wa	ang)		CONTOSO	User		
Montoring	22	CONTOSO\RAS and IAS Set	rvers		CONTOSO	User Group		
Administration	22	CONTOSO\Read-only Doma	in Controllers		CONTOSO	User Group		*
*	CON	TOSO\Administrator	(Administrat	tor)				^
Ready								

can see discovered resources :

22) Click Device Collections node , you can see four default device

collections :

Folder Tools System Cente	r 2012 (Configuration Manager (Conne	cted to MCM - SC2012	2_ConfigMgr_Prim	ary_Site) (Evaluation, 179 day	ys left)	_ <u>=</u> = ×
Create Device Import Collection Collections Create Search							
Assets and Compliance	:e ▶ C	Overview Device Collections					- 🕏
Assets and Compliance <	Device	Collections 4 items					
4 👺 Overview	Search	1			×	🔎 Search	Add Criteria 🔻
🔺 🤱 Users	Icon	Name	Limiting Collection	Member Count	Members Visible on Site	Referenced Coll	ections
🎎 All Users and User Groups	2	All Mobile Devices	All Systems	0	0	0	
💽 Devices	0	All Desktop and Server Clients	All Systems	0	0	0	
💰 User Collections	2	All Unknown Computers	All Systems	2	2	0	
Device Collections	2	All Systems		7	7	0	
🍆 User State Migration							
Asset Intelligence							
Software Metering							
Compliance Settings							
P Endpoint Protection							
ssets and Compliance							
Software Library							
Monitoring							
Administration							
•							
Ready							

23) Click Devices node , you can see all discovered computers device

resources :

System Center 2012 Configuration Manager RTM

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Curtan Canton 2012 Carlinum	tion Manage	- 15	ted to MCM_CC	012 C6-M-	Deimann	Cite) / Evalue	tion 170 days	1-61		10	
System Center 2012 Configura	auon manage	r (connec	Led to MCM - SC	2012_Connigrig	r_Philliary	_Site) (Evalua	1000, 179 uays	ieit)			
Import User Import Computer Device Affinity Imformation Create	Saved Searches + Search	A Selecte	dd Install d Items • Client	Start Approve	Block L	Jnblock Device	nage Out of Band dpoint Protection ar Required PXE I	Deployments	Edit Primary Users Refresh Delete	Properties Properties	V
🗲 🔶 🝷 🐏 🛝 🕨 Assets	and Complianc	e 🕨 Ove	erview 🕨 Device	s						-	2
Assets and Compliance	٢	Devices 7 Search	7 items	•			1		2 Q X	earch Add Criteria	•
4 👗 Users		Icon	Name			Client	Site Code	Client Activi	ty		
All Users and User Grou	ps		CLIENT			No					
Devices			CONFIGMGR2012			No					
Sour Collections			CONSOLE			NO					
Licer State Migration			DB			No					
Asset Intelligence			x64 Unknown Con	oputer (v64 Unkn		iter) No	MCM				
Software Metering		1 1	x86 Unknown Con	nputer (x86 Unkn	own Compu	iter) No	MCM				
Compliance Settings		6.3		ipata (kee onai	onn compo						
Endpoint Protection		CLIEN	IT								*
		Genera	l Information			Client Check I	nformation		Related Objects		
		Name Clien	e: t Type:	CLIENT None		Client Check Remediation	(Result: n:		Primary Us	ser	
Assets and Compliance											
Software Library		Active I	Directory			Push Informat	tion				
Monitoring		Activ Last	e Directory Site: Logon:	Contoso		Last Installa Last Reques	tion Error: st Attempt:				
Administration			2			Last Status:					
	•	Summar	y Client Activity	Detail Client	Check Deta	ail Endpoint	Protection Ma	alware Detail			
Ready											

24) Click Administration workspace , in Boundaries node , you can see

discovered AD site :



25) Now I will to create a boundary group , right-click Boundary Groups node

🔢 System Center	r 2012 Configuration Mana	ger (Conne	cted to MCM - SC2	012_ConfigMgr_Primary_Site)
Home				
t				
Create Boundary Group	Saved Searches •			
Create	Search			
← → • 🕅) \ • Administration •	Overview	Hierarchy Config	guration 🕨 Boundary Groups
Administration		< Boundar	y Groups 0 items	
 Overview 		Search		
🔺 🧮 Hierarchy	Icon	Name	Member Count	
鰔 Discove	ery Methods			
🛤 Bounda	aries			
🕅 Bounda	ary Groups	dany Group		
Exchang	ge Server (idaly Group		
📑 Addres	ses			
🛕 Active [Directory Forests			
🕨 📔 Site Conf	iguration			
💺 Client Set	ttings			
🕨 📔 Security				
🖥 Distributi	on Points			
🖺 Distributi	on Point Groups			
🕨 📔 Migration	n			

and click Create Boundary Group :

26) The Create Boundary Group box will opened :

System Center 2012 **Configuration Manager RTM** nt

Configure I	Documen
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Create Boundary Grou		×
General References		
Name:		
Description:	A	
The following boundaries	are members of this boundary group.	
Boundaries:		
Filter	9	
Name	There are no items to cherwin this view	
	There are no items to show in this view.	
,	AU 1	
	Haa Hemove	
0	OK Cancel Apply	

27) Input this boundary group name in Name field :

📋 Create Bound	ary Group
General Refe	ences
Name:	Contoso Boundary Group
Description:	Contoso Boundary Group
The following Boundaries:	boundaries are members of this boundary group.
Filter	
Name	Description
	Add Bemove
0	OK Cancel Apply

28) Click Add... will open Add Boundaries box :

Add Boundaries		x
Select boundaries to add to Boundaries:	this boundary group.	
Filter	P	
Boundary	Description	
Contoso	Contoso.msft/Contoso	
		0
		Ξ.
1		
	OK Cancel	

29) Select this boundary :

d Boundaries		
Select boundaries to add to th	nis boundary group.	
Boundaries:		
Filter		Q
Boundary	Description	
Contoso	Contoso.msft/Contoso	
—		
	OK	Canaal

30) Click **OK** will back to **General** page :

📔 Create	Boundary G	roup			x
General	References				
Name:		Contoso Boundary Group			
Descrij	ption:	Contoso Boundary Group		<u>م</u> ۲	
The fo	llowing bound	aries are members of this boundary group.			
Filter.				P	
Nam	e	Description			
		Add	Rem	ove	
0		ок	Cancel	Apply	

31) Click References page :

cate boundary group						
neral References						
Site assignment						
Use this boundary	group for site assignment					
The assigned site d determines the Con	letermines the ConfigMgr site con figMar site that performs client pu	nputer resour ush installatio	rces are assigne n.	ed to during a	discovery. It also	
Assigned site:	MCM-SC2012 ConfigMa	r Primany Si			T	1
	Intern Sozo rz_conliging	I_I IIIIdiy_ol				
Content location						
You can change the co and connecting clients	tate migration points are valid co onnection to identify whether the is fast or slow.	network con	n servers. nection speed l	between the	site system server	'
You can change the co and connecting clients Site system servers:	tate migration points are valid co onnection to identify whether the is fast or slow.	network cor	n servers. nection speed l	between the	site system server	/
You can change the co and connecting clients Site system servers: Filter	tate migration points are valid co onnection to identify whether the is fast or slow.	network cor	n servers. nection speed l	between the	e site system server	
You can change the co and connecting clients Site system servers: Filter	tate migration points are valid co onnection to identify whether the is fast or slow. There are no item	network con	n servers. nection speed I Connection this view.	between the	e site system server	
You can change the co and connecting clients Site system servers: Filter	tate migration points are valid co onnection to identify whether the is fast or slow. There are no item	network cor	n servers. nection speed I Connection this view.	between the	e site system server	
You can change the or and connecting clients Site system servers: Filter	tate migration points are valid co onnection to identify whether the is fast or slow.	network con	n servers. nection speed I <u>Connection</u> this view.	between the	e site system server	
You can change the co and connecting clients Site system servers: Filter Server Name	tate migration points are valid co onnection to identify whether the is fast or slow. There are no item	network cor	Connection speed I	between the	e site system server	
You can change the co and connecting clients Site system servers: Filter Server Name	tate migration points are valid co onnection to identify whether the is fast or slow. There are no item	Site s to show in	Connection speed I	Add	e site system server	

32) If you hope auto assign to this site that discovered resources , please select

Use this boundary group for site assignment item :

e Boundary Group		
References		
e assignment		
Use this boundary g	group for site assignment	
The assigned site de determines the Conf	etermines the ConfigMgr site computer resources are assigned to during discovery. figMgr site that performs client push installation.	lt also
Assigned site:	MCM-SC2012_ConfigMgr_Primary_Site	1
ntent location		
ntent location becify the site system s stribution points and st bu can change the co nd connecting clients i	servers that are associated with this boundary group so that clients can locate cont tate migration points are valid content location servers. onnection to identify whether the network connection speed between the site system is fast or slow.	ent. Or n serve
ntent location becify the site system s stribution points and st ou can change the co nd connecting clients i te system servers:	servers that are associated with this boundary group so that clients can locate cont tate migration points are valid content location servers. Innection to identify whether the network connection speed between the site system is fast or slow.	ent. Or n serve
ntent location becify the site system s stribution points and st bu can change the co nd connecting clients i te system servers: ilter	servers that are associated with this boundary group so that clients can locate cont tate migration points are valid content location servers. Innection to identify whether the network connection speed between the site system is fast or slow.	ent. Or n serve
ntent location becify the site system s stribution points and st ou can change the co ad connecting clients i te system servers: ilter Server Name	servers that are associated with this boundary group so that clients can locate cont tate migration points are valid content location servers. Innection to identify whether the network connection speed between the site system is fast or slow.	ent. Or n serve
Intent location becify the site system s stribution points and st ou can change the co id connecting clients i e system servers: ilter Server Name	servers that are associated with this boundary group so that clients can locate cont tate migration points are valid content location servers. Innection to identify whether the network connection speed between the site system is fast or slow.	ent. Or n serve

2

33) In Content location part, you can click Add... to adding relate site systems , click Add... will open Add Site Systems box :

Change Connection

Add..

ОК

Remove

Apply

Cancel

select the site systems to associate with	this boundary	group.	
Site systems: Filter			P
Server Name	Site		
ConfigMgr2012.Contoso.msft	MCM		
□ \\DB.Contoso.msft	MCM		
		ОК	Cancel

34) Select all server :

Add Site Systems			X
Select the site systems to associate with	this boundary <u>o</u>	group.	
Site systems:			
Filter			Q
Server Name	Site		
ConfigMgr2012.Contoso.msft	MCM		
DB.Contoso.msft	MCM		
		OK	Cancel

35) Click **OK** will back to **References** page :

uter reso n installati Primary_S is bounda ent locati	urces are as ion. Site ary group so on servers.	ssigned	to durin ents car	g discov	very. It also
uter reson n installati Primary_S is bounda ent locati	urces are as ion. Site ary group so on servers.	ssigned	to durin ents car	g discov	very. It also
uter resound n installati Primary_S is bounda ent locati	urces are as ion. Site ary group so on servers.	ssigned	to durin ents car	g discov	very. It also
uter reso n installat Primary_S is bounda ent locati	urces are as ion. Site ary group so on servers.	ssigned	to durin ents car	g discov	very. It also
uter reso n installati Primary_S is bounda ent locati	urces are as ion. Site ary group so on servers.	ssigned	to durin ents car	ng discov	very. It also
Primary_S is bounda ent locati	bite ary group so on servers.	that cli	ents ca	n locate	content. On
is bounda ent locati	ary group so on servers.	that cli	ents car	n locate	content. On
is bounda ent locati	ary group so on servers.	that cli	ents ca	n locate	content. On
ent locati	on servers.	that ci	ents ca	nocale	content. On
Site	Connect	ion			~
MCM	Fast				
MCM	Fast				
				1	
e Connec	tion	A	ld		Remove
	ite ICM ICM ICM	ite Connection sp ite Connect ICM Fast ICM Fast	ite Connection speed be ite Connection ICM Fast ICM Fast ICM Fast CM Fast	ite Connection speed between t ite Connection ICM Fast ICM Fast ICM Fast Connection Add	ite Connection ite Connection ICM Fast ICM Fast ICM Fast

36) Click **Apply---OK**, the boundary group is created :

System Center 2012

Configuration Manager RTM

Configure Document

System Center 2012 Configuration Manage	r (Conne	cted to MCM - SC2012_Con	figMgr_Primary_S	ite) (Evaluation, 179 da	ays left)		_ 8 ×
Home							^ 🕜
Create Boundary Group Create Searches Searches Searches Boundary Group	Refresh Delete Group	Set Security Scopes Classify Properties					
← → - 🕅 \ → Administration → C	Overview	Hierarchy Configuration	 Boundary Groups 	s			- 2
Administration <	Bounda	ry Groups 1 items					
Overview	Search					🗙 🔎 Search	Add Criteria 🔻
 Hierarchy Configuration 	Icon	Name	Member Count	Site System Count	Read-Only		
鰔 Discovery Methods		Contoso Boundary Group	1	2	No		
🛤 Boundaries							
🛤 Boundary Groups							
Exchange Server Connectors							
Addresses							
Active Directory Forests							
Site Configuration							
Client Settings							
Security Security Security	Cont	oso Boundary Group					*
Distribution Points	Summ	20/				Related Objects	
 Migration 	Jumm	iai y				IN Site Outpetts	
	Nam	ne: Con	toso Boundary Gro	up		Site System Roles	
	Men	nber Count: 1		up		Boundaries	
Assets and Compliance	Site	System Count: 2					
👘 Software Library	Ked	u-Only: No					
Monitoring							
Administration							
Dearly							

37) Click Active Directory Forests node , you can see discovered AD forest

resource :

System Center 2012 Configuration Manage	er (Connected to MCM - SC2	012_ConfigMgr_P	rimary_Site) (Evaluation, 1	79 days left)		_ 8 ×
Home						^ 🕐
Add Forest Create Searches •	Refresh Delete Properties					
← → → ▲ \ ► Administration ► 0	Overview 🔸 Hierarchy Confi	guration + Active	Directory Forests			- 🕏
Administration <	Active Directory Forests 1	items				,
 Overview 	Search				🗙 🔎 Search	Add Criteria 🔻
 Hierarchy Configuration 	Icon Domain Suffix	Description	Date Created	Discovery Status	Publishing Status	
鰔 Discovery Methods	A Contoso.msft	Contoso.msft	3/13/2012 7:07 AM	Succeeded	Succeeded	
Boundaries Boundary Groups Exchange Server Connectors						
Addresses	Contoso.msft					~
	General		Status		Related Objects	
Clerit Settings Security Distribution Points	Description:	Contoso.m sft	Created By:	CONTOSO \Administra	Active Directory Site []] IP Subnets	5
 Distribution Point Groups Migration 	Discovery Enabled:	sft Yes	Date Created:	3/13/2012 7:07 AM	Site System Roles	
			Pierre Pierre	\Administra tor		
Assets and Compliance			Date Modified:	3/13/2012 7:07 AM		
👘 Software Library			Discovery Status: Publishing Status:	Succeeded Succeeded		
Monitoring			. counting otacast	Sacceeded		
Administration						
-	Summary Domains Dis	scovery Status Pi	ublishing Status			
Ready						
38) In Ribbon zone, click Properties item will open Contoso.msft Properties

box :

📑 C	ontoso.msft Prop	perties	×
G	eneral Dublishing	1	
<u> </u>	Cherai Publishing		
	A Specify an discover A	Active Directory forest so that Active Directory Forest Discovery can active Directory sites and IP subnets to use as boundaries.	
	Domain suffix:	Contoso.msft	
	Description:	Contoso.msft	
		-	
	 Discover sites a 	and subnets in the Active Directory forest	
	Before you can	discover Active Directory sites and IP subnets in the Active Directory forest,	
	you must first er Forest Account	nable the Active Directory Forest Discovery method. The Active Directory must have Read permissions to the forest.	
Γ	Active Directory F	prest Account	
	This account co	nnects to the specified forest to discover Active Directory sites and IP	
	sites and primary	r sites can connect using either the computer account or an account you	
	specify. Second	ary sites always connect using the computer account.	
	 Use the comp 	puter account of the site server	
	C Use a specifi	c account:	
	<u> </u>	Set 🔻	
_			-
0		OK Cancel Apply	

39) You can setting relate items and click **OK** . Click **Site Operations** node :

System Center 2012

Configuration Manager RTM

Configure Document

🔢 System	n Center 2012 Configu	ration Manage	er (Connected to	o MCM - SC201	2_ConfigMgr_Primary_Site) (Evaluation, 179 days left)	. 8 ×	
-	Search					^ 🕐	
)		-	×			
All Objects	Saved Search Searches • Settings	Save Current Search	Save Current Clear Search As				
Scope	Options	5	Save	Active Search			
$\leftarrow \rightarrow$	▼ 📋 \ ► Admir	nistration 🕨 🤇	Overview 🕨 Si	te Configuration	•	- 2	
Administr	ation	<					
4 🖷 Ov	erview		Site	Configu	ration		
- > 🚞 F	lierarchy Configuration			5			
4 🚞 s	ite Configuration						
Sites			▲ Navio	jation Inde	X		
Servers and Site System Roles						-	
Security			Sites: M mainten	lanage site and o ance tasks and sl	omponent configuration, configure site Servers and Site System Roles: Manage site system servers atus configuration, create secondary and site system roles.		
Distribution Points			sites, an	d configure clien	t installation settings.		
	Distribution Point Group	s					
Migration							
			Receiption	nt Alerts ((D) - Last updated: 3/14/2012 9:44:57 PM		
As	sets and Compliance						
👘 So	ftware Library						
Mc	onitoring						
Ad	ministration						
		•					
Ready							

40) Click Sites node ,you can see installed SC2012 ConfigMgr site information :



41) In Ribbon zone click Properties item , you can see this site relate settings

and information :

SC2012_ConfigMgr_Primary_Site Pro	perties	×
Signing and Encryption General Wake On LAN Ports Sender	Publishing Client Computer Communication Alerts Security	
Comment:	×	
Туре:	Primary	
Parent site:	None	
Version:	5.00.7711.0000	
Build number:	7711	
Site server:	ConfigMgr2012.Contoso.msft	
Installation directory:	E:\Program Files\Microsoft Configuration Manager	
SQL Server computer:	DB.Contoso.msft	
SMS Provider location:	CONFIGMGR2012.CONTOSO.MSFT	
0	OK Cancel Apply	

📴 SC2012_ConfigMgr_Primary_Sit	e Propertie	s	×				
Signing and Encryption General Wake On LAN Ports Si	ender Publi	shing Client Computer Communication 1	Alerts Security				
Specify the ports that Configuration I Clients may not be able to comr request services.	Specify the ports that Configuration Manager uses to communicate with clients in this site. Clients may not be able to communicate with site systems if an alternate port is not defined for client request services.						
Active ports:							
Service	Port	Description					
 ✓ Client Requests-HTTP (TCP) ✓ Client Requests-HTTPS (TCP) ✓ Wake On LAN (UDP) Client Requests-HTTP (TCP) Client Requests-HTTPS (TCP) 	80 443 9	(default) Client Requests-HTTP (TCP) (default) Client Requests-HTTPS (TCP) Magic Client Requests-HTTP (TCP) Client Requests-HTTPS (TCP)					
Use custom web site							
0		OK Car	Apply				

SC2012_ConfigMgr_Primary_Site Properties	×
Signing and Encryption	1
MCM - SC2012_ConfigMgr_Primary_Site	
A Configuration Manager site can send data concurrently to multiple sites. You can set limits for concurrent sendings and can specify retry settings.	
Maximum concurrent sendings	_
All sites: 5	
Per site: 3	
Retry settings	_
Number of retries: 2	
Delay before retrying (minutes):	
OK Cancel Ap	oply

C2012_ConfigMgr_Primary_Site Properties gning and Encryption eneral Wake On LAN Ports Sender Publishing Client Computer Communication Alerts Security Site system settings Select the client computer communication method (HTTP or HTTPS) for the site systems that use IIS. To use HTTPS, the servers must have a valid PKI web server certificate (server authentication capability). Image: HTTPS only Image: HTTPS or HTTP Client computer settings Specify settings for client computers when they communicate with site systems that use IIS. Image: Security Settings for client computers when they communicate with site systems that use IIS. Use PKI client certificate (client authentication capability) when available
gning and Encryption eneral Wake On LAN Ports Sender Publishing Client Computer Communication Alerts Security Site system settings Select the client computer communication method (HTTP or HTTPS) for the site systems that use IIS. To use HTTPS, the servers must have a valid PKI web server certificate (server authentication capability). Image: HTTPS only Image: HTTPS or HTTP Client computer settings Specify settings for client computers when they communicate with site systems that use IIS. Image: Vise PKI client certificate (client authentication capability) when available Image: Vise PKI client certificate (client authentication capability) when available
gning and Encryption Image: Security of the security eneral Wake On LAN Ports Sender Publishing Client Computer Communication Alerts Security Site system settings Select the client computer communication method (HTTP or HTTPS) for the site systems that use IIS. To use HTTPS, the servers must have a valid PKI web server certificate (server authentication capability). Image: HTTPS only Image: HTTPS or HTTP Client computer settings Specify settings for client computers when they communicate with site systems that use IIS. Image: Vise PKI client certificate (client authentication capability) when available Image: Vise PKI client certificate (client authentication capability) when available
eneral Wake On LAN Ports Sender Publishing Client Computer Communication Alerts Security Site system settings Select the client computer communication method (HTTP or HTTPS) for the site systems that use IIS. To use HTTPS, the servers must have a valid PKI web server certificate (server authentication capability). Image: HTTPS only Image: HTTPS or HTTP Client computer settings Specify settings for client computers when they communicate with site systems that use IIS. Image: Use PKI client certificate (client authentication capability) when available Image: Https://www.available
Site system settings Select the client computer communication method (HTTP or HTTPS) for the site systems that use IIS. To use HTTPS, the servers must have a valid PKI web server certificate (server authentication capability).
Site system settings Select the client computer communication method (HTTP or HTTPS) for the site systems that use IIS. To use HTTPS, the servers must have a valid PKI web server certificate (server authentication capability). I HTTPS only HTTPS or HTTP Client computer settings Specify settings for client computers when they communicate with site systems that use IIS. Use PKI client certificate (client authentication capability) when available
Select the client computer communication method (HTTP or HTTPS) for the site systems that use IIS. To use HTTPS, the servers must have a valid PKI web server certificate (server authentication capability). HTTPS only HTTPS or HTTP Client computer settings Specify settings for client computers when they communicate with site systems that use IIS. Issee PKI client certificate (client authentication capability) when available
HTTPS, the servers must have a valid PKI web server certificate (server authentication capability). HTTPS only HTTPS or HTTP Client computer settings Specify settings for client computers when they communicate with site systems that use IIS. Use PKI client certificate (client authentication capability) when available
 HTTPS only HTTPS or HTTP Client computer settings Specify settings for client computers when they communicate with site systems that use IIS. Use PKI client certificate (client authentication capability) when available
HTTPS only HTTPS or HTTP Client computer settings Specify settings for client computers when they communicate with site systems that use IIS. Use PKI client certificate (client authentication capability) when available
HITPS only HITPS or HTTP Client computer settings Specify settings for client computers when they communicate with site systems that use IIS. Use PKI client certificate (client authentication capability) when available
HTTPS or HTTP Client computer settings Specify settings for client computers when they communicate with site systems that use IIS. Use PKI client certificate (client authentication capability) when available
Client computer settings Specify settings for client computers when they communicate with site systems that use IIS.
Client computer settings Specify settings for client computers when they communicate with site systems that use IIS.
Specify settings for client computers when they communicate with site systems that use IIS. Use PKI client certificate (client authentication capability) when available
Specify settings for client computers when they communicate with site systems that use IIS. Use PKI client certificate (client authentication capability) when available
Use PKI client certificate (client authentication capability) when available
Use PKI client certificate (client authentication capability) when available
Use PKI client certificate (client authentication capability) when available
Client certificate selection:
Location: Modify
Citation. Citation and the stration and hits
Untena: Client authentication capability
Multiple Certificates: Select any certificate that matches
Clients check the certificate revocation list (CRL) for site systems
Tausted Post Catification Authorities
Trusted Root Certification Authorities
Trusted Root Certification Authorities
Trusted Root Certification Authorities Root CA specified Set
Trusted Root Certification Authorities Root CA specified Set
Trusted Root Certification Authorities Root CA specified Set
Trusted Root Certification Authorities Root CA specified Set OK Cancel Application

SC2012_ConfigMgr_Primary_Site Properties	×
Signing and Encryption General Wake On LAN Ports Sender Publishing Client Computer Communication Alerts Security	
Configure alerts for low disk space on the site database server.	
Generate an alert when the free disk space on the site database server is low	
Warning alert when the free disk space falls below the following value in GB:	
Critical alert when the free disk space falls below the following value in GB:	
OK Cancel Apply	

SC2012_ConfigMgr_Primary_Site Properties	×
General Wake On LAN Ports Sender Publishing Client Computer Communication Alerts Security Signing and Encryption	
Configure the signing and encryption requirements for client computers when they communicate with this site.	
Clients always sign their client identification when they communicate with the application catalog website points.	
Require signing	
This option requires that when clients send data to management points, it is signed.	
Require SHA-256	
When clients sign data and communicate with site systems by using HTTP, this option requires the clients to use SHA-256 to sign the data. Clients must support the SHA-256 hash algorithm to use this option. This option applies to clients that do not use PKI certificates.	
Use encryption	
This option uses 3DES to encrypt the client inventory data and state messages that are sent to the management points.	
OK Cancel Apply	

42) Click OK . In Ribbon zone , click Settings---Client Installation

Settings---Client Push Installation item :

ed to MCM - SC2012_ConfigMgr_P _Site) (Evaluati - 8 × n, 179 Syst ? Home * 11 Show Install Status Ŕ 徽 Ę. 1 İ۵. 1 6 ÷ Upgrade X Delete Add Site Create Site Create Retry System Roles System Server Secondary Site Secondary Site Set Security Scopes Hierarchy Settings Saved Searches • Properties Create Settings Sites Search Site Classify Properties E Site Maintenance ← → ▼ I Administration → Overview → Site Configuration → Sites G Status Summarizers Configure Site Components • Client tallation Settings • Status Filter Rules Administration Sites 1 items Search 🔺 🗐 Overview Client Push Installation Software Update-Based Client Installation Hierarchy Configuration Icon Name Type Server Name State Sit. 🔺 🚞 Site Configuration MCM - SC2012_ConfigMgr_Primary_Site Primary ConfigMgr2012.Contoso.msft Active MCM Sites 💱 Servers and Site System Roles 💺 Client Settings E Security SC2012_ConfigMgr_Primary_Site h Distribution Points ~ histribution Point Groups General Related Objects Migration 💕 Discovery Methods Site Code: MCM Server Name: Install Directory: ConfigMgr2012.Contoso.msft Addresses E:\Program Files\Microsoft Configuration Manager Build Number: 7711 State: Active Assets and Compliance Software Library Monitoring Administration Ready

43) Will open Client Push Installation Properties box :

Client P	ush Installation Properties
General	Accounts Installation Properties
	Client Push Installation for Configuration Manager client
🗆 Ena	able automatic site-wide client push installation
This	s option installs the Configuration Manager client on newly discovered computer purces and on existing computer resources that do not have the client installed.
Syste	m types
Insta	II the Configuration Manager client software on the following computers:
M s	ervers
V M	Vorkstations
	Configuration Manager site system servers
Specify use site	whether to install the Configuration Manager client on domain controllers when you e-wide client push installation and the Client Push Installation Wizard. Always install the Configuration Manager client on domain controllers Never install the Configuration Manager client on domain controllers unless specified
ir	n the Client Push Installation Wizard

44) In General page , select Enable automatic site-wide client push

Installation item , other item need to base on your requirements to choose :

Client Pu	sh Installation Properties	
General	Accounts Installation Properties	
	Client Push Installation for Configuration Manager client	
Enat This reso	ble automatic site-wide client push installation option installs the Configuration Manager client on newly discovered computer urces and on existing computer resources that do not have the client installed.	
System	n types	
Se Se	ervers	
W	/orkstations	
	onfiguration Manager site system servers	
Specify use site-	whether to install the Configuration Manager client on domain controllers when you wide client push installation and the Client Push Installation Wizard.	
ΘA	lways install the Configuration Manager client on domain controllers	
O N in	ever install the Configuration Manager client on domain controllers unless specified the Client Push Installation Wizard	
0	OK Cancel Apply	_

45) Click **Accounts** page :

📴 Client Push Installation Properties	×
General Accounts Installation Properties	
Specify the accounts that can install the Configuration Manager client. The accounts must be a member of the local Administrators group on the destination computer.	
Client Push Installation accounts:	j
Name There are no items to show in this view.	
UK Cancel Apply	

46) Click 🕌 button , will display two options :

🛅 Client Push Installation Properties	×
General Accounts Installation Properties	
Specify the accounts that can install the Configuration Manager client. The accounts must be a member of the local Administrators group on the destination computer.	
Client Push Installation accounts:	
Name Existing Accou	nt
There are no items to show in this view. New Account	
OK Cancel Apply	

47) Click New Account , will open Windows User Account box :

Windows User Acco	unt	×
User name:	Browse Example: Domain\User	
Password: Confirm password:		
Verify >>	OK Cancel	

48) Input user name or click Browse... to select a user , type this user password

in Password and Confirm password fie	əld	:
----------------------------------------------------	-----	---

Windows User Accou	unt 🔀
User name:	CONTOSO \Administrator Browse
	Example: Domain\User
Password:	•••••
Confirm password:	•••••
	7
Verify <<	
Data source:	Network Share
Network share:	Browse
	Example: \\server\share
	Test connection
	OK Cancel

49) If you need to verify this user , you can click Verify>> , type a network

share path in Network share field , click Test connection to verify :

Windows User Acco	bunt		×
User name:	CONTOSO\Administrator Example: Domain\User		Browse
Password:	•••••		
Confirm password:	Configuration Manager	Ľ	
Verify << Data source:	The connection was successfully verified.		<u></u>
Network share:	OK		Browse
	Test connection		
	ОК		Cancel

Justin Gao 高扬

yanga@microsoft.com http://blogs.technet.com/b/justin_gao 50) Click **OK** twice will back to **Accounts** page :

📴 Client Push Installation Properties	×
General Accounts Installation Properties	
Specify the accounts that can install the Configuration Manager client. The accounts must be a member of the local Administrators group on the destination computer.	
Client Push Installation accounts:	
Name CONTOSO\Administrator	
,	
OK Cancel Apply	

51) Click Installation Properties page , you can see the Installation properties:

🗒 Client Push Installation Properties	X
General Accounts Installation Properties	
Specify any client.msi installation properties that you require when you install the Configuration Manager client software. Do not specify installation properties for CCMSetup.exe.	
Installation properties:	
SMSSITECODE=MCM	
Use Default	
OK Cancel Apply	

52) In Installation properties box , you can type other installation properties :

🛱 Client Push Installation Properties	×
General Accounts Installation Properties	
Specify any client.msi installation properties that you require when you install the Configuration Manager client software. Do not specify installation properties for CCMSetup.exe.	
Installation properties:	
SMSSITECODE=MCM FSP=ConfigMgr2012	
Use Default	
OK Cancel Apply	

53) Click Apply---OK will back to Sites node, click Hierarchy Settings :

System Center 201	12 Configurat	tion Manage	r (Conne	cted to M	ICM - 5C2012	2_ConfigMgr_F	rimary_S	ite) (Evaluation, 179	days left	:)				_ 8 ×
Home														^ 🕜
Create Create Settings Sites	Saved Searches • Search	Add Site System Rol	Creat es Systen	te Site n Server S	Create Secondary Site	Retry Secondary Site	Upgrade	Show Install Status Refresh Delete	Setting	gs Se	et Security Scopes Classify	Properties Properties		
	 Administ 	tration + (Overview	 Site 0 	Configuration	 Sites 								- 2
Administration		٢	Sites 1 i	tems	_							x o:	Search	Add Criteria 🔻
- UN Overview														1
Hierarchy Cor	nfiguration		Icon	Name			Туре	Server Name		State	Site Code	Parent Site	Code	
 Site Configura 	ation			MCM - S	SC2012_Config	Mgr_Primary_Sit	e Primary	ConfigMgr2012.Conto	oso.msft	Active	MCM			
Client Setting	I Site System F Is Points	Roles	SC20	12_Cor	nfigMgr_P	rimary_Site	2							~
Distribution P	oint Groups		Conor	-1							Dal	atad Obiacta		
🕨 📔 Migration			Gener	81							Kel	ated Objects		
			Site	Code:		MCM					1	Discovery	Methods	
			Serv Inst Build Stat	er Name: all Directo d Number e:	: ory: :	ConfigMgr20 E:\Program F 7711 Active	12.Contos Files\Micro	o.msft soft Configuration Mar	nager		I	Addresses 4	•	
Assets and Con	npliance													
👘 Software Librar	гу													
Monitoring														
Administration														
Ready		•												

54) Will display Site Settings Properties box :

Ľ	Site Se	ttings Properti	es			X
	General	Client Approval	and Conflicting Records	Client Installation Setti	ngs	
		Configure the	settings for all sites in the h	erarchy.		
	□ Us	e a fallback site				
	Spe auto	cify a site in the h omatic site assign	nierarchy to which clients a ment and they are not in a	re assigned when they boundary group that h	vare installed by us as an assigned site	sing e.
	Fallt	back site:	MCM-SC2012_Config!	/lgr_Primary_Site		_
	0			ОК	Cancel	Apply
	•					

55) Select Use a fallback site item :

📑 Site Setting	s Properties				×
General Clie	nt Approval and	Conflicting Records	Client Installation Se	ttings	
Co	onfigure the setti	ings for all sites in the l	hierarchy.		
Use a fa Specify a automatio	Ilback site a site in the hiera c site assignmer	archy to which clients at and they are not in a	are assigned when the a boundary group that	ey are installed by u has an assigned si	using ite.
Fallback	site:	MCM-SC2012_Config	Mgr_Primary_Site		
0			ОК	Cancel	Apply

56) In Client Approval and Conflicting Records page, you can setting Client

approval method and Conflicting client records :

📑 Site Set	tings Properties	×
General	Client Approval and Conflicting Records Client Installation Settings	
	Configure the settings for all sites in the hierarchy.	
Client Speci to cor	t approval method fy the approval method for client computers that do not use PKI certificates. Use approval afirm that you trust these computers.	
• /	Automatically approve computers in trusted domains (recommended)	
0 1	Manually approve each computer	
0 /	Automatically approve all computers (not recommended)	
Confl If Con to res the M doma	icting client records figuration Manager detects duplicate hardware IDs, you can allow Configuration Manager olve the conflict or you can manually resolve the conflict in the Conflicting Records node of onitoring workspace. This setting applies to client computers in workgroup or untrusted ins that do not use PKI certificates. Automatically resolve conflicting records Manually resolve conflicting records	
0	OK Cancel Apply	

57) In **Client Installation Settings** page , you can setting client update and

prestage options :

eneral	Client Approval and Conflicting Records Client Installation Settings
Config	ure client installation settings. These settings apply to all clients in the hierarchy.
U	ograde client automatically when new client updates are available
Г	Allow clients to use a fallback source location for content
~	Do not run program when a client is within a slow or unreliable network boundary, or when the client uses a fallback source location for content
Au	tomatically upgrade clients within days:
Au	tomatically upgrade clients that are this version or earlier: 5.0.7711.0
- AL	utomatically distribute client installation package to distribution points that are enabled for
- AL	utomatically distribute client installation package to distribution points that are enabled for estaged content

58) When you select **Upgrade client automatically when new client updates**

Configura	tion Manager	×
	You have enabled automatic upgrade of all clients in the hierarchy. This option installs the latest Configuration Manager client and pre-requisites on all clients in the hierarchy that are at or below the version specified. Click OK to enable automatic upgrade of all clients in the hierarchy, otherwise click Cancel.	
	OK Cancel	

are available item , you will see the warning :

59) Click **OK** and choose your needs options :

🧮 Site Settings Properties	×
General Client Approval and Conflicting Records Client Installation Settings	
Configure client installation settings. These settings apply to all clients in the hierarchy.	
Upgrade client automatically when new client updates are available	-
Allow clients to use a fallback source location for content	
Do not run program when a client is within a slow or unreliable network boundary, or when the client uses a fallback source location for content	
Automatically upgrade clients within days:	
Automatically upgrade clients that are this version or earlier: 5.0.7711.0	
Automatically distribute client installation package to distribution points that are enabled for prestaged content	
OK Cancel Apply	

60) Click Apply---OK and click Servers and Site System Roles node :

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Selected Object System Ce	nter 201	2 Configuration Manager (Co	nnected to MCM	- SC2012_ConfigMg	gr_Primary_Site) (Evaluatio	n, 179 days left)	<u>_8×</u>
Remove Properties Role Properties							
🗲 🔶 🛛 🔛 🔪 🔪 🕨 Administration 🕨 🖉	Overview	Site Configuration Se	rvers and Site Syste	em Roles			- 2
Administration <	Servers	and Site System Roles 2 item	S				
 Overview 	Search					🗙 🔎 Search	Add Criteria 🔻
Hierarchy Configuration	Icon	Name	Site Code	Count of roles			
A Configuration		\\ConfigMgr2012.Contoso.msf	t MCM	5			
Sites	<u>E</u>	\\DB.Contoso.msft	MCM	3			
Servers and Site System Roles							
Settings							
Security							
Distribution Points							
Distribution Point Groups							
[#] Inigration	Site	System Roles					~
	Icon	Role Name	ole Description				
	P	Component server	Any server that ru	ins the SMS Executiv	ve service.		
	P	Distribution point	A Configuration M	lanager server role t	that stages packages for distr	ibution to clients.	
	1	Management point	A site system role	that replies to Conf	figuration Manager client requ	lests and accepts man	a
Accets and Compliance	P	Site server	The main site sys	tem role that hosts t	the Configuration Manager co	mponents and service	s.
	-	Site system	A server or server	share that hosts or	ne or more site system roles f	or a Configuration Mar	1
👘 Software Library							
Monitoring							
Administration							
-							
Ready							

61) Right-click \\CONFIGMGR2012 server name , click Add Site System Roles

item :



62) Will display Add Site System Roles Wizard :

💱 Add Site System Roles W	/izard		X
General			
General System Role Selection Summary Progress Completion	Select a server to use as a sit	e system server1.corp.contoso.com frigMgr_Primary_Site for use on the Internet nple: internetsrv2.contoso.com Inections to this site system Iles, the site server initiates all connections to the site system server by using the Site Syste and to install this site system s site system Set	 m
	Active Directory forest	Contoso.msft	
	Active Directory domain	Contoso.msft	
	0	< Previous Next > Summary Cancel	

63) Click Next , will display System Role Selection page :

🏇 Add Site	System Roles W	Nizard	×
	System Role Sele	ection	
General System Rold Summary Progress Completion	e Selection	Available roles: Application Catalog Web Service Point Application Catalog Webste Point Application Catalog Webste Point Asset Intelligence synchronization point Endpoint Protection point Enrollment point Cut of band service point Gofting services point Software update point Software update point System Health Validator point	
		Description:	2
		<previous next=""> Summary Cancel</previous>	

64) Select Fallback status point in Available roles box :

💱 Add Site System Roles W	fizard	×
System Role Sele	ction	
General System Role Selection Fallback Status Point	Specify roles for this server	
Summary Progress Completion	Available roles: Application Catalog Website Point Asset Intelligence synchronization point Enrollment point Confident proxy point Fallback status point Software update point System Health Validator point System Health Validator point Platback status point helps you monitor client installation and identify the clients that are unmanaged because they cannot commicate with their management point.	
	<previous next=""> Summary Cancel </previous>	1
		-

65) Click Next , into Fallback Status Point page :

💱 Add Site System Roles W	izard	×				
Fallback Status Po	int					
General System Role Selection Fallback Status Point Summary Progress Completion	Specify fallback status point settings A fallback status point helps you monitor client installation and identify the clients that are unmanaged because they cannot communicate with their management point.					
Completion	Allowed client connections The allowed client connections setting is automatically configured and is displayed for information only. The value is determined by the site system configuration option to specify the Internet FQDN. Allow intranet-only connections Specify the number of state messages to process within the throttle interval. When the site server processes many state messages, it might decrease the performance of the site server. Number of state messages: 10000 Throttle interval (in seconds): 3600					
	<previous next=""> Summary Cancelland </previous>	el				

66) Click Next , into Summary page :

💱 Add Site System Roles W	fizard	×
Summary		
General System Role Selection Fallback Status Point Summary Progress Completion	<section-header> Detais Detai</section-header>	
	To change these settings, click Previous. To apply the settings, click Next.	
	<previous next=""> Summary Cancel</previous>	

67) Click Next will into Progress page :

💱 Add Site System Roles W	fizard	X
Progress		
General System Role Selection Fallback Status Point Summary Progress Completion	Status: Working	
	<previous next=""> Summary Cancel</previous>	

68) Will display **Completion** page :

💱 Add Site System Roles W	lizard	×
Completion		
General System Role Selection Fallback Status Point	You have successfully completed the Add Site System Roles Wizard with the following settings	
Summary Progress Completion	The Add Site System Roles Wizard completed successfully	
	Create a site system server with the following settings: Success: Site System Name • ConfigMgr2012.Contoso.mst Success: Settings • Public FQDN Name: Not specified • Installation Account: Computer Account Success: Roles • Fallback status point	
	To exit the wizard, click Close.	
	<pre></pre>	

69) Click **Close**, you will see the new site system role already added :

System Center 2012 **Configuration Manager RTM** nt

Configure I	Document
-------------	----------

112	Selected Ob	iect Suctom Co	ntor 201	Configuration Managor	(Connected to MCM	5C2012 ConfigM	nr Drimany Cite) (Evaluation 17)) dave loft)	
Home	Site Role	Juce System co		2 configuration ranager	(connected to Field	SCEUL2_COMING	gr_rmmary_sec/(cranadion, 17.	y days ierej	^ (?)
Create Site System Server Create	Servers with Role + View	Saved Searches • Search	Add Sitt System R	e Start Server	Properties Properties				
← → - 😰	\ ► Adm	inistration 🕨	Overview	► Site Configuration ►	Servers and Site Syste	m Roles			- 2
Administration		<	Servers	and Site System Roles 2 it	tems				
4 Rel Omini			Search				×	Search	Add Criteria 🔻
 Hierarchy 	Configuration	n	Icon	Name	Site Code	Count of roles			
🔺 🧮 Site Confi	iguration			\\ConfigMgr2012.Contoso	.msft MCM	6			
Sites				\\DB.Contoso.msft	MCM	3			
Servers	and Site Syste	em Roles							
💺 Client Set	ttings								
Security									
in Distributio	on Points								
E Distributio	on Point Grou	ps							
Migration	n								
			Site	System Roles					~
			Icon	Role Name	Role Description				
			1	Component server	Any server that ru	ins the SMS Executi	ve service.		
			1	Distribution point	A Configuration M	anager server role t	that stages packages for distributio	n to clients.	
			P	Fallback status point	A site system role	that receives mess	ages from ConfigMgr clients that ca	annot communicat	t
a Arrenta and	Compliance		1	Management point	A site system role	that replies to Conf	figuration Manager client requests a	and accepts mana	i
	compliance		Ð	Site server	The main site sys	em role that hosts t	the Configuration Manager compor	ents and services	i.
👘 Software Li	ibrary		P	Site system	A server or server	share that hosts or	ne or more site system roles for a C	Configuration Man	
Monitoring	1								
Administration									
- I Additional Strate									
		•							
Ready									

5. Installing SC2012 ConfigMgr RTM Client Agent :

1) Logon to ConfigMgr2012 server , Open Configuration Manager Console,

into Assets and Compliance page , click Device Collections node , click All

Systems collection, click Install Client option in Ribbon zone:

Folder Tools System Cente	r 2012 C	onfiguration Manager (Conne	cted to MCM - SC2012	2_ConfigMgr_Prim	a ry_Site) (E v	valuation, 179 day	/s left)	-8×
Home Folder								^ 🔞
		Manage Affinity Requests	📔 Update Memb	ership 🛛 🥕 Export	🗡 Delete			
Struct Show Add	Install	Manage Out of Band 🕶	🝋 Add Resource	s Copy		Simulata Der	Nova	Properties
Create Searches • Members Selected Items	Client	Clear Required PXE Deploy	ments 🔂 Endpoint Prot	ection 🔹 🕥 Refresh		Deployment	• •••••	Propercies
Search		Collection				Deployment	Move	Properties
🗲 🔶 👻 🔪 🕨 Assets and Compliance	e ► O	verview						- 😂
Assets and Compliance <	Device (Collections 4 items						
4 🏽 🖉 Overview	Search					\times) Search	Add Criteria 🔻
🔺 🤱 Users	Icon	Name	Limiting Collection	Member Count	Members Vi	sible on Site	Referenced Col	lections
🎎 All Users and User Groups	ø	All Mobile Devices	All Systems	0	0		0	
🖳 Devices	ø	All Unknown Computers	All Systems	2	2		0	
🥩 User Collections	ø	All Desktop and Server Clients	All Systems	5	5		0	
Sevice Collections	<i>2</i>	All Systems		7	7		0	
🚴 User State Migration								
Asset Intelligence								
🗒 Software Metering								
Compliance Settings								
Endpoint Protection	All Systems v							
	Summary							
	Nama: All Custome							
	Upd	ate Time: 3/15/	2012 4:02 AM					
	Men	nber Count: 7						
Assets and Compliance	Refe	erenced Collections: 0						
👘 Software Library	Con	iment: All Sy	stems					
Monitoring								
Administration								
-	Summa	ry Deployments Custom C	lient Settings					
Ready								

2) Will display Install Configuration Manager Client Wizard :



3) Click Next, into Installation Options page:

Installation Options Before You Begin Installation Options Summary	ecify Client Push Options Allow the client software to be installed on domain controllers
Before You Begin Sp Installation Options Summary	ecify Client Push Options ✓ Allow the client software to be installed on domain controllers
Progress J Completion	If you have configured client push installation to domain controllers in the Client Push Installation Properties dialog box, this option is unavailable.
٦ ٦ ٩	Always install the client software When a computer already has the Configuration Manager client installed, you can repair, upgrade, or reinstall the client software. Install the client software from a specified site Site: MCM-SC2012_ConfigMgr_Primary_Site The site server in the specified site will install the client software. When you do not use this option, the site server in the assigned site for the resource will install the client software.

4) Select your needs option and click **Next**, will into **Summary** page :

🎇 Install Configuration Manager Client Wizard					
Summary					
Before You Begin Installation Options Summary Progress Completion	Details Summary of client push installation . Asas name: Collections . Instance ID: SMS0001 . Object name: All Systems . Include domain controllers: Yes . Advays install (repair or upgrade existing client): No . Total resources selected to install the Configuration Manager client: 5 Summary of client push installation resources . Resources to be installed from site <mcm>: 5</mcm>				
	To change these settings, click Previous. To apply the settings, click Next.				
	<previous next=""> Summary Cancel</previous>				

5) Click **Next** will into **Completion** page :


6) Click Close . Logon to Client computer , in Task Manager you can see

installing client agent :

plications Process	ses Services	Perforr	mance Netwo	rking Users	
Image Name	User Name	CPU	Memory (Description	-
ccmsetup.exe *32	2 SYSTEM	00	3,700 K	ccmsetup.exe	
csrss.exe	SYSTEM	00	824 K	Client Server	
csrss.exe	SYSTEM	00	1,368 K	Client Server	Ξ
dwm.exe	Justin	00	1,380 K	Desktop Wind	
explorer.exe	Justin	00	14,504 K	Windows Expl	
lsass.exe	SYSTEM	00	2,912 K	Local Security	
lsm.exe	SYSTEM	00	904 K	Local Session	
msiexec.exe	SYSTEM	00	1,900 K	Windows® ins	
SearchIndexer.ex	e SYSTEM	00	8,324 K	Microsoft Win	
services.exe	SYSTEM	00	2,680 K	Services and	
smss.exe	SYSTEM	00	220 K	Windows Sessi	
spoolsv.exe	SYSTEM	00	1,228 K	Spooler SubSy	
sppsvc.exe	NETWO	00	2,232 K	Microsoft Soft	
svchost.exe	NETWO	00	3,448 K	Host Process f	
svchost.exe	SYSTEM	00	2,328 K	Host Process f	-
Show processes from all users End Process					

7) Please wait some minutes will display :

File Options View Help						
Applications Process	Ses Services	s Peri	formance Ne	tworking User	S	
Image Name	User Name	CPU	Memory (Description	*	
CcmExec.exe	SYSTEM	00	16,312 K	Host Proc		
csrss.exe	SYSTEM	00	1,176 K	Client Ser		
csrss.exe	SYSTEM	00	1, 180 K	Client Ser	=	
dwm.exe	Justin	00	1,640 K	Desktop		
explorer.exe	Justin	00	16,484 K	Windows		
lsass.exe	SYSTEM	00	4,384 K	Local Sec		
lsm.exe	SYSTEM	00	988 K	Local Ses		
SCNotification	Justin	00	8,492 K	SCNotific		
SearchIndexe	SYSTEM	00	9,860 K	Microsoft		
services.exe	SYSTEM	00	3,568 K	Services		
smss.exe	SYSTEM	00	256 K	Windows		
spoolsv.exe	SYSTEM	00	3,900 K	Spooler S		
sppsvc.exe	NETWO	00	6,316 K	Microsoft		
svchost.exe	LOCAL	00	4,068 K	Host Proc		
svchost.exe	SYSTEM	00	2,660 K	Host Proc	-	
Show processes	from all user	s	(End Process		

8) In Services.msc snap-in console, you can see relate services :

Services						×
File Action View	Help					
🗢 🄿 🔲 🗐 🤇) 🛃 🛛 📷 🖡 🕨 🔳 🕕 🕩					
Services (Local)	Name	Description	Status	Startup Ty	Log On As	-
	🎑 ConfigMgr Task Sequence Agent	ConfigMgr		Manual L	Local System	
	Configuration Manager Remote Control	Provides th		Disabled	Local System	-
	Extended Standard					

Services						×
File Action View	Help					
(= =) 🗊 🖸	🗟 🔜 🔽 📷 🕨 🔳 II ID					
Services (Local)	Name	Description	Status	Startup Ty	Log On As	-
	🆏 SMS Agent Host	Provides ch	Started	Automatic	Local System	-
	Extended Standard					

9) In Windows Button you can see Software Center and Silverlight :



10) In Control Panel, you can see Configuration Manager item :



11) Double-click will display Configuration Manager Properties :

Configuration Mana	ager Properties			×
Cache	Configurati	ons		Network
General	Components	Action	ns	Site
View and con Center 2012 C	figure the client pro Configuration Mana	operties for N ager.	Microsoft	® System
Client properties:	Value			
Assigned manageme Client certificate: Connection Type: Site code: Unique identifier: Version:	nt point: Config PKI Alway: SMS:I GUID: 5.00.7	Mgr2012.Co s intranet MCM E0BE6157-(711.0000	ntoso.m: 0166-43F	sft 59-95FF-CA8F\$
•	III			ł
	ОК	Ca	ncel	Apply

12) Click OK . Logon to ConfigMgr2012 server , click All Systems collection ,

click Update Membership item in Ribbon zone :

System Center 2012 Configuration Manager RTM

				configure bo	cument
Folder Tools System Cente	er 2012 Configuration Manager (Conne	cted to MCM - SC2012_Conf	igMgr_Primary_Site) (Ev	aluation, 179 days left)	- 8 ×
Home Folder			_		^ 🕐
Create Saved Searches	Install Client Client	Update Membership	Copy	Simulate Deploy Move	Properties
Search	Collection			Deployment Move	Properties
🗲 🔶 👻 🔪 🕨 Assets and Compliance	ce Overview Device Collections				- 2
Assets and Compliance <	Device Collections 4 items				
🔺 👺 Overview	Search			X 🔎 Search	Add Criteria 🔻
🔺 🤱 Users	Icon Name	Limiting Collection Memb	er Count Members Vis	ible on Site Referenced Coll	ections
🎎 All Users and User Groups	All Mobile Devices	All Systems 0	0	0	
💽 Devices	All Unknown Computers	All Systems 2	2	0	
🥩 User Collections	All Desktop and Server Clients	All Systems 5	5	0	
🔊 Device Collections	All Systems	7	7	0	
🐁 User State Migration					
Asset Intelligence					
Software Metering					
Compliance Settings					
Endpoint Protection	All Systems				*
	Summary				
	Name: All Sy Update Time: 3/15/ Member Count: 7	stems 2012 4:02 AM			
E Assets and Compliance	Members Visible on Site: 7 Referenced Collections: 0				
👘 Software Library	Comment: All Sy	stems			
Monitoring					
Administration					
•	Summary Deployments Custom C	lient Settings			
Ready					

13) Will display a warning :

Configura	tion Manager	×
A	This action will re-evaluate the membership rules for the selected collections and might take some time to finish. Are you sure that you want to continue?	
	Yes No	

14) Click Yes and wait some minutes , you can see all client agent status :

									cament
Selected Object Folder Tools	System Cen	ter 2012 Configurati	on Manager ((Connected to	MCM - 9	C2012_Co	nfigMgr_Primary_	Site) (Evaluation, 179 day	s I – 🗗 🗙
Home Collection Close									^ 🔞
Anage Affinity Rec	quests	📔 Update Membership	Сору		F				
Manage Out of Ban	d •	Ndd Resources	🗡 Delete	-					
Selected Items • Client	Deployments	Export		реркоу	Properti	es			
Colle	ection			Deployment	Properti	es			
← → ▼ 💞 \ ► Assets and Compliance	ce 🕨 Overvie	w > Devices > /	All Systems						- 2
Assets and Compliance <	All Systems	7 items							
4 Overview	Search							🗙 💭 Search	Add Criteria 🔻
A 🐍 Users	Icon Nan	ne 🔺	Client Type		Client	Site Code	Client Activity	,	
All Users and User Groups	L CL	IENT	Computer		Yes	MCM	Active		
🔺 🜉 Devices	👰 CO	NFIGMGR2012	Computer		Yes	MCM	Active		
💕 All Systems	👰 co	NSOLE	Computer		Yes	MCM	Active		
💰 User Collections	👰 DB		Computer		Yes	MCM	Active		
Device Collections	👰 DC		Computer		Yes	MCM	Active		
🐁 User State Migration	👰 хб4	1 Unknown Computer (.	None		No	MCM			
Asset Intelligence	📜 x8	5 Unknown Computer (.	None		No	MCM			
🗒 Software Metering									
Compliance Settings	CLIENT								*
Endpoint Protection	General In	ormation		Client C	heck Info	rmation		Related Objects	
	Name:	c	LIENT	Client	Check Re	sult:	No Results	Primary User	
	Client Ty	pe: C	omputer	Reme	diation:				
ssets and Compliance	Activo Diro	rton/		Duch In	formation				
····	Active bire	ctory		Publicit	Iormation				
The Software Library	Active Di	rectory Site: C	ontoso	Last I	nstallation	n Error: ttemnt:	53 3/15/2012		
Monitoring	Last Logi	211.		Lasti	icquest A	compt.	6:26 AM		
Administration				Last 9	status:		Retry		
	Summary	Client Activity Detail	Client Check	Detail En	dpoint Pro	tection M	Ialware Detail		
Ready									

15) Double-click **CLIENT** item , will display **CLIENT Properties** box :

Name:	CLIENT	
Resource class:	System Resource	
Discovery data:		
Filter		P
Property	Value	
Active Directory Site Name Agent Name Agent Site Agent Time Always Internet AMT Full Version AMT Status	Contoso "SMS_AD_SYSTEM_DISCOVERY_AGENT", " "MCM", "MCM", "MCM" 3/15/2012 12:00 AM, 3/14/2012 8:43 PM, 3/15 No	
Client Client Type Client Version CPU Type	Yes Computer 5.00.7711.0000	
Creation Date (UTC) Decommissioned Distinguished Name	3/15/2012 3:43 AM No CN=CLIENT,CN=Computers,DC=Contoso,DC=msft	-

16) In here you can see more information about client. Click **OK** to close this

properties.

6. Installing SC2012 ConfigMgr RTM Reporting :

1) Logon to ConfigMgr2012 server , open Configuration Manager Console ,

click Administration workspace , click Servers and Site System Roles node ,

right-click \\DB.Contoso.msft server and click Add Site System Roles , add

Reporting services point :

💱 Add Site System Roles W	/izard	×
System Role Selec	ction	
General System Role Selection Reporting Services Point	Specify roles for this server	
Summary	Available roles:	
Progress Completion	Application Catalog Web Service Point Asset Intelligence synchronization point Ditribution point Enrollment point Enrollment proxy point Asagement point Out of band service point Software update point System Health Validator point	
	, Description:	
	A reporting services point integrates with SQL Server Reporting Services to create and manage reports for Configuration Manager.	
	<pre></pre>	

2) Click Next, will into Reporting Services Point page :

💱 Add Site System Roles W	ïzard		×
Reporting Services	s Point		
General System Role Selection Reporting Services Point	Specify Reporting S	Services settings	
Summary Progress	The reporting services point p Manager.	provides integration with SQL Server Reporting Services to create and manage reports for Configuration	
Completion	Site database connection se	ettings	
	Specify the Configuration Ma which SQL Reporting Service	anager site database server name, optional database instance name, and database name ces will use when running reports.	
		Example: ServerName \InstanceName	
	Site database server name:	DB.Contoso.msft	
	Database name:	CM_MCM	
		Verify	
	Specify the folder to create of	on the reporting services point site system server that will contain the Configuration Manager reports.	
	Folder name:	ConfigMgr_MCM	
	Reporting Services server instance:	MSSQLSERVER	
	Reporting Services Point Ac	count	
	Specify the credentials that \$	SQL Reporting Services will use when connecting to the Configuration Manager site database.	
	User name:		
	osor hand.	Set V	
	0	< Previous Next > Summary Cancel	

3) Click Verify , in Reporting Services Point Account box , click Set... select

Existing Account or New Account item :

💱 Add Site System Roles W	lizard		×
Reporting Service	es Point		
General System Role Selection Reporting Services Point	Specify Reporting S	Services settings	
Summary Progress	The reporting services point Manager.	provides integration with SQL Server Reporting Services to create and manage reports for Configuration	
Completion	Site database connection s Specify the Configuration M which SQL Reporting Servi	ettings anager site database server name, optional database instance name, and database name ces will use when running reports. Example: ServerName\InstanceName.	
	Site database server	DB.Contoso msft	
	Database name:	CM_MCM Verify Successfully verified.	
	Specify the folder to create	on the reporting services point site system server that will contain the Configuration Manager reports.	
	Folder name:	ConfigMgr_MCM	
	Reporting Services server instance:	MSSQLSERVER	
	 Reporting Services Point Ad Specify the credentials that 	ccount	
	User name:	9	
		Set Existing Account New Account	
	0	< Previous Next > Summary Cancel	

4) If you select **Existing Account**, you can see **Select Account** box :

5) Click this account and click **OK**, will back to **Reporting Services Point**

page :

💱 Add Site System Roles W	/izard		X
Reporting Service	es Point		
General System Role Selection Reporting Services Point	Specify Reporting	Services settings	
Summary Progress	The reporting services point Manager.	provides integration with SQL Server Reporting Services to create and manage reports for Configuration	
Completion	Site database connection s Specify the Configuration M which SQL Reporting Serv	settings lanager site database server name, optional database instance name, and database name ices will use when running reports.	
	Site database server name:	DB.Contoso msft	
	Database name:	CM_MCM Verify Successfully verified.	
	Specify the folder to create	on the reporting services point site system server that will contain the Configuration Manager reports.	
	Folder name:	ConfigMgr_MCM	
	Reporting Services server instance:	MSSQLSERVER	
	Reporting Services Point A Specify the credentials that	ccount	
	User name:	CONTOSO\Administrator	
		Set ▼	
	0	< Previous Next > Summary Cancel	

6) Click Next, will into Summary page:

💱 Add Site System Roles V	Vizard	×
Summary		
General System Role Selection Reporting Services Point 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></section-header></section-header>	
	To change these settings, click Previous. To apply the settings, click Next. Image: Control of the settings o	

7) Click Next , will into Completion page :

💱 Add Site System Roles W	izard	x
Completion		
General System Role Selection Reporting Services Point	You have successfully completed the Add Site System Roles Wizard with the following settings	
Summary Progress Completion	The Add Site System Roles Wizard completed successfully	
	Details: Create a site system server with the following settings: Success: Site System Name DB. Contoso.mst Success: Settings Public FQDN Name: Not specified Installation Account: Computer Account Success: Roles Reporting services point	
	To exit the wizard, click Close.	
	<pre></pre>]

8) Click **Close**, you will see the new added role :

Selected Object Curters Co			C2012 CE-M-	Dimen (the) (Further 170 Java 160)	
Nome Site Bala	anter 2012 Configuration Planager (C	connected to PICPI - 3	czorz_comgrag		
Create View Searches - Create View Searches	Add Site System Roles Server	Properties Properties			
🗲 🄶 🔹 🚯 🔪 ト Administration ト	Overview 🕨 Site Configuration 🕨 S	Servers and Site System	Roles		- 2
Administration <	Servers and Site System Roles 2 ite	ms			
 Overview 	Search			X D Search A	dd Criteria 🔻
Hierarchy Configuration	Icon Name	Site Code	Count of roles		
🔺 🚞 Site Configuration	ConfigMgr2012.Contoso.m	isft MCM	6		
Sites	DB.Contoso.msft	MCM	4		
Servers and Site System Roles					
Network Settings					
Elecurity					
Distribution Points					
E Distribution Point Groups					
Migration					
	Site System Roles				~
	Icon Role Name	Role Description	the state store at		
	Component server	Any server that runs	the SMS Executiv	ve service.	
	Reporting services point	A site system role th	at provides integ	ration with SQL Server Reporting Services to create	
	Site database server	A site system role tr	at runs Microsoft	SQL Server and hosts the Configuration Manager sit	
Assets and Compliance	Site system	A server or server st	are that nosts on	e or more site system roles for a Configuration Man	
👘 Software Library					
Monitoring					
Administration					
-					
Ready					

9) Click Monitoring workspace, in Component Status node, you can see all

status , should be Green **OK** :

System Center 2012 Configuration Manage	r (Conne	cted to M(M - SC2012_ConfigMgr_Primary_Site) (Evaluat	tion, 179 days left)			_ & ×
Home							^ 🔞
	Refresh	Dreserti					
Searches Messages Counts		Properu	es				
Search Component		Properti	es				
← → ▼ 😽 \ ► Monitoring ► Over	view 🕨	System St	atus 🕨 Component Status				- 2
Monitoring «	Compor	ent Status	60 items				
🔺 🔳 Overview	Search				× 🔎 Se	arch A	dd Criteria 🔻
Alerts	Icon	Status	Component	Site System	Туре	Site Code	A
👂 Queries		ок	SMS_MP_FILE_DISPATCH_MANAGER	DB.CONTOSO.MSFT	Monitored Thread Comp	MCM	
Reporting		ОК	SMS_EXECUTIVE	DB.CONTOSO.MSFT		MCM	
🙀 Site Hierarchy		ОК	SMS_OUTBOX_MONITOR	DB.CONTOSO.MSFT	Monitored Thread Comp	MCM	
🔺 🚞 System Status		ОК	SMS_COMPONENT_MONITOR	DB.CONTOSO.MSFT	Monitored Thread Comp	MCM	=
Nite Status		ОК	SMS_SRS_REPORTING_POINT	DB.CONTOSO.MSFT	Monitored Thread Comp	MCM	
Gomponent Status		ОК	SMS_SITE_SQL_BACKUP_CONFIGMGR2012.CON	DB.CONTOSO.MSFT	Monitored Service Comp	MCM	
Conflicting Records		ОК	SMS_AD_FOREST_DISCOVERY_MANAGER	CONFIGMGR2012.CO	Unmonitored Thread Co	MCM	
🚺 Status Message Queries		ОК	SMS_AD_USER_DISCOVERY_AGENT	CONFIGMGR2012.CO	Unmonitored Thread Co	MCM	
P Deployments		ОК	SMS_AD_SYSTEM_DISCOVERY_AGENT	CONFIGMGR2012.CO	Unmonitored Thread Co	MCM	
Client Status		OK	SMS_FALLBACK_STATUS_POINT	CONFIGMGR2012.CO	Monitored Thread Comp	MCM	
🕞 Database Replication		ОК	SMS_WINNT_SERVER_DISCOVERY_AGENT	CONFIGMGR2012.CO	Unmonitored Thread Co	MCM	
Distribution Status		ОК	SMS_STATUS_MANAGER	CONFIGMGR2012.CO	Monitored Thread Comp	MCM	
펿 Software Update Point Synchronizatio		ОК	SMS_STATE_SYSTEM	CONFIGMGR2012.CO	Monitored Thread Comp	MCM	
🔛 System Center 2012 Endpoint Protecti		ОК	SMS_AD_SECURITY_GROUP_DISCOVERY_AGENT	CONFIGMGR2012.CO	Unmonitored Thread Co	MCM	
		ОК	SMS_WSUS_CONFIGURATION_MANAGER	CONFIGMGR2012.CO	Monitored Thread Comp	MCM	
		ОК	SMS_REPLICATION_MANAGER	CONFIGMGR2012.CO	Monitored Thread Comp	MCM	
Assets and Compliance		OK	SMS_SOFTWARE_METERING_PROCESSOR	CONFIGMGR2012.CO	Monitored Thread Comp	MCM	
👘 Software Library		OK	SMS_SOFTWARE_INVENTORY_PROCESSOR	CONFIGMGR2012.CO	Monitored Thread Comp	MCM	
Monitoring		ОК	SMS_SITE_VSS_WRITER	CONFIGMGR2012.CO	Monitored Service Comp	MCM	
wontoring		ОК	SMS_SITE_SYSTEM_STATUS_SUMMARIZER	CONFIGMGR2012.CO	Monitored Thread Comp	MCM	
Administration		ОК	SMS_WSUS_SYNC_MANAGER	CONFIGMGR2012.CO	Monitored Thread Comp	MCM	
		ОК	SMS_SITE_CONTROL_MANAGER	CONFIGMGR2012.CO	Monitored Thread Comp	MCM	
Popdy		OK	SMS_SITE_COMPONENT_MANAGER	CONFIGNOR2012 CO	Component Not Installe	MCM	٣
iteday.							

Note : For successfully install Reporting Services point on DB server , you need to

install .Net framework 4.0 first.

10) Click Reports node, you can see all reports :

System Center 2012 Configuration Manager RTM

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System Center 2012 Configuration Manage	er (Conn	ected to MCM - SC2012_ConfigMgr_Primary_Site) (E	valuation, 179 days left)	- 8 ×
Home				^ 🕜
Create Report Saved Searches Create Settings Search	Edit Create Refres Rep	a Subscription Properties bort Group Properties		
← → ▼ 🔝 \ ► Monitoring ► Ove	rview 🕨	Reporting Reports		- 2
Monitoring 5	Report	s 423 items		
	Search	5 125 125 125 125 125 125 125 125 125 12	X O Search	Add Criteria 💌
Overview	Joard	·	P Donter	Add Critchia
Alerts	Icon	Name	Category	Date Modifi
Queries		Administration Activity Log	Administrative Security	3/15/2012
A 🔁 Reporting		Administrative users security assignments	Administrative Security	3/15/2012
Reports		Alert Scorecard	Alerts	3/15/2012
Subscriptions		Alert Top Talkers	Alerts	3/15/2012
Site Hierarchy		All active content distributions	Software Distribution - Content	3/15/2012
System Status		All application deployments (advanced)	Software Distribution - Application Monitoring	3/15/2012
Deployments		All application deployments (basic)	Software Distribution - Application Monitoring	3/15/2012
Client Status		All audit messages for a specific user	Status Messages - Audit	3/15/2012
👌 Database Replication		All collections	Software Distribution - Collections	3/15/2012
Distribution Status		All computers targeted for Wake On LAN activity	Wake On LAN	3/15/2012
🛐 Software Update Point Synchronization		All content	Software Distribution - Content	3/15/2012
🔛 System Center 2012 Endpoint Protecti		All content on a specific distribution point	Software Distribution - Content	3/15/2012
		All deployments for a specified package and program	Software Distribution - Package and Program Deployment	3/15/2012
		All distribution points	Software Distribution - Content	3/15/2012
Assets and Compliance		All Drivers	Driver Management	3/15/2012
🗃 Software Library		All Drivers for a specific platform	Driver Management	3/15/2012
The Markedon		All Drivers in a specific Boot Image	Driver Management	3/15/2012
wonitoring		All Drivers in a specific category	Driver Management	3/15/2012
Administration		All Drivers in a specific Package	Driver Management	3/15/2012
		All inventoried files for a specific product	Software - Files	3/15/2012 *
	*		m	•
Ready				

11) Right-click Computers with a specific Configuration Manager client

System Center 2012 Configuration Manager System Center 2012 Configuration Manager	ger (Conn	ected to MCM - SC2012_ConfigMgr_Primary_Site) (Evalua	tion,	179 days left)		_ 8 ×
Home						^ 🕜
💦 🦯 Edit 🛛 🗙 Delete						
Create Subscription						
Run 😱 Refresh	Properties					
Report Group	Properties					
A sector of the sector	erview 🕨	Reporting Reports Site - Client Information				- 2
Monitoring	Site - C	lient Information 19 items				
Hardware - SCSI	* Search	9			🗙 🔎 Search	Add Criteria 🔻
Hardware - Sound Card	Icon	Name		Category		
Hardware - Video Card		Client Assignment Detailed Status Report		Site - Client Information		
Migration		Client Assignment Failure Details		Site - Client Information		
Network		Client Assignment Status Details		Site - Client Information		
Network Access Protection		Client Assignment Success Details		Site - Client Information		
Operating System		Client Deployment Failure Report		Site - Client Information		
Out of Band Management Power Management		Client Deployment Status Details		Site - Client Information		
Site Client Information		Client Deployment Success Report		Site - Client Information		
Site - Discovery and Inventory I		Clients incapable of HTTPS communication		Site - Client Information		
Site - General		Computers assigned but not installed for a particular site		Site - Client Information		
Site - Server Information		Computers with a specific Configuration Manager client version		Cite Client Information		
Software - Companies and Proc		Count of clients and protocol used for communication	9	Run		
Software - Files		Count of clients assigned and installed for each site		Edit		
Contrarte Fried	-	Count of clients capable of HTTPS communication		Create Subscription		
Assets and Compliance		Count of clients for each site	G	Refresh F5		
· · · · · · · · · · · · · · · · · · ·		Count of Configuration Manager clients by client versions	X	Delete Delete	2	
Software Library		Problem details reported to the fallback status point for a speci		Properties		
Monitoring		Problem details reported to the fallback status point for a speci	hou a			
		Summary of problems reported to the fallback status point		Site - Client Information		
Administration	1.1	Summary of problems reported to the fallback status point for	a spec	cific c Site - Client Information		
	•					•
Ready						

versions report and click Run :

12) Will display :

Computers with a specific Configuration M	lanager client version			'
To view the report, provide values for the para	meters below, then click View Report.			
Report Category Site - Client Information				
Report Name				
Computers with a specific Configuration Mana	ger client version			
Report Description Displays a list of computers running a single sp	ecified version of the Configuration Manager client s	oftware.		
				*
Client version:		O Values	View Report	
Client type (1 = Computer; 3 = Mobile):	All clients	Values		_
< Back				*
I	100% -	Find Next		
				.::

13) Click Client Version Values... item , will open Parameter Value box :

Parameter Value	×
Select a value to use for this parameter when running the report.	
Filter	
,. Client version	
5.00.7711.0000	
1 items found	OK Cancel

14) Select any client version and click **OK** will back to selection page :

🖪 Computers with a specific Configuration I	Manager client version		
 To view the report, provide values for the par Report Category Site - Client Information 	ameters below, then click View Report.		
Report Name Computers with a specific Configuration Man Report Description	ager client version		
Displays a list of computers running a single s	pecified version of the Configuration Manager client so	oftware.	÷ *
Client version:	5.00.7711.0000	Values	View Report
Client type (1 = Computer; 3 = Mobile):	All clients	<u>Values</u>	
< Back			*
{ ◀ of ▶ ▶ ⊗ ۞ ♣ □	100%	Find Next	
L			
			.::

15) Click View Report will display all result :

🖪 Computers with a	specific Configu	ration Manager clien	t version				_	
To view the report Report Category Site - Client Inform Report Name Computers with a Paget Description	t, provide values for nation specific Configurat	r the parameters below, t ion Manager client versi	hen click Vi on	iew Report.				
Displays a list of c	omputers running a	single specified version	of the Confi	guration Manager client sof	tware.			\$
Client version:		5.00.7711	.0000		Val	Jes	View Report	1
Client type (1 = Compute < Back	r; 3 = Mobile):	All clients			Val	<u>Jes</u>		~ *
	with a s Displays a list o	pecific Cor	figur a single spe	ration Mana ecified version of the Cor	ger clic	ent versio	uration Manager n Jare.	
NetBIOS Name	\$	User Domain	¢	User Name	\$	Client Version	¢	
CLIENT		CONTOSO		Justin		5.00.7711.0000		
CONFIGMGR2012		CONTOSO						
		001110000		Administrator		5.00.7711.0000		
CONSOLE		CONTOSO		Administrator Administrator		5.00.7711.0000 5.00.7711.0000		
CONSOLE DB		CONTOSO CONTOSO		Administrator Administrator Administrator		5.00.7711.0000 5.00.7711.0000 5.00.7711.0000		
CONSOLE DB DC		CONTOSO CONTOSO CONTOSO		Administrator Administrator Administrator Administrator		5.00.7711.0000 5.00.7711.0000 5.00.7711.0000 5.00.7711.0000		
CONSOLE DB DC		CONTOSO CONTOSO CONTOSO		Administrator Administrator Administrator Administrator		5.00.7711.0000 5.00.7711.0000 5.00.7711.0000 5.00.7711.0000		

16) Now you are finished System Center 2012 Configuration Manager RTM

basic configuration .