Merhaba, bu yazımda Microsoft'un faydalı bulduğum ürünlerinde biri olan SCCM'in kurulum adımlarından bahsedeceğim.SCCM, merkezi olarak network ve ya forest içerisindeki tüm cihazları uzaktan yönetmek,yazılım yüklemek,işletim sistemi kurmak ve envanter raporu alabilmek gibi türlü özelliklere sahiptir.

Sccm mimarisine bakacak olursak belli başlı servislere ihtiyaç duyar , bunlardan olmazsa olmazı Active Directory servisi ve Sql servisidir.Tüm kurulumları Server 2012 işletim sistemi üzerine gerçekleştireceğim.SCCM yapısını aşağıdaki mimariye oluşturdum.

Argedc - 10.0.1.201 - Server 2012 std

ArgeSql- 10.0.1.202 – Server 2012 std

Sccm - 10.0.1.206 - Server 2012 std

Kuracağım Sccm versiyonu Sccm 2012 R2 , Sql Server olarak da Sql Server 2012 std SP1 versiyonu üzerine kuracağım.Özellikle Sql 2012 versiyonunda raporlama işlemi çok başarılı görünüyor.

Sıfırdan bir yapı oluşturacağım için temel olarak işletim sistemi kurulumundan başlıyorum.Kurulum sırasında önemli bulduğum noktaları sizinle paylaşacağım.

Microsoft'un bir çok ürününü kurarken işletim sistemin dilini ingilizce olarak bırakmasını tavsiye ediyorum.Çünkü kurulan bir çok ürün unicode olarak sorun çıkartabiliyor.İşletim sistemi kurulumunu başlatıyorum.

İlk kuracağım Server Sql server olacaktır. Yapıda domain controller olduğunu varsayıyorum.





Dil ayarlarımızı kontrol ettikten sonra Sql 2012 kurulumuna geçiyorum.

5	SQL Server 2012 Setup	_ D X
Setup Role Click the SQL Server Feature In feature role to install a specific	nstallation option to individually select which feature components to install, or click a configuration.	
Setup Support Rules Setup Role Feature Selection Installation Rules Disk Space Requirements Error Reporting Installation Configuration Rules Ready to Install Installation Progress Complete	 SQL Server Feature Installation Install SQL Server Database Engine Services, Analysis Services, Reporting Services, Integr and other features. All Features With Defaults Install all features using default values for the service accounts. 	ation Services,
	< Back Next > Cancel	Help

SQL server kurulumunda dikkat edilmesi bir kaç nokta var .Bunları sıralayacak olursak bilindik şeyler ;

En önemlisi **SQL_Latin1_General_CP1_CI_AS** Collation değeri , Authentication tip olarak da **authentication mode** olmalıdır.

8	SQL Server 2012 Setup	_ _ ×
Feature Selection	install.	
Setup Support Rules	Features:	Feature description:
Setup Role Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Analysis Services Configuration Reporting Services Configuration Distributed Replay Controller Distributed Replay Client Error Reporting Installation Configuration Rules	Instance Features	The configuration and operation of each instance feature of a SQL Server instance is isolated from other SQL Server instances. SQL Server instances can operate side-by-side on the same computer. Prerequisites for selected features: Already installed: ^ - Microsoft .NET Framework 4.0 - Windows PowerShell 2.0 - Microsoft .NET Framework 3.5 To be installed from media: - Microsoft Visual Studio 2010 Shell
Ready to Install Installation Progress	Select All Unselect All	
Complete	Shared feature directory: C:\Program Files\Micro Shared feature directory (x86): C:\Program Files (x86)\	soft SQL Server\
	< Back	Next > Cancel Help

İnstance olarak default instance'ı kullanıyorum.

	5	SQL Se	rver 2012	Setup		-		x
Instance Configuration Specify the name and instance	ID for the instance of SC	QL Serve	r. Instance I	D becomes part of	the installation path.			
Setup Support Rules Setup Role Feature Selection	Default instance Named instance:		MSSQLSER	VER				
Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Analysis Services Configuration Reporting Services Configuration Distributed Replay Controller Distributed Replay Client Error Reporting Installation Configuration Rules Ready to Install Installation Progress Complete	Instance ID: Instance root director	y:	MSSQLSER C:\Program	VER n Files\Microsoft S	GQL Server\			
	SQL Server directory: Analysis Services direc Reporting Services dir Installed instances:	ctory: rectory:	C:\Progran C:\Progran C:\Progran	n Files\Microsoft S n Files\Microsoft S n Files\Microsoft S	QL Server\MSSQL11.MS QL Server\MSAS11.MSS QL Server\MSRS11.MSS	SSQLSERVER SQLSERVER SQLSERVER	3	
	Instance Name	Instan	ce ID	Features	Edition	Versi	on	
				< Back	Next > Car	ncel	Help	

Sql kurulumlarında servis hesabı olarak farklı bir domain kullanıcısı atanması tercih edilir.Lab ortamı olduğu için local system hesabını kullanıp devam ediyorum.

Server Configuration

Specify the service accounts and collation configuration.

Microsoft recommends that you use				
microsoft recommends and you use	a separate account for each	SOL Server serv	ice	
	a separate account for each			
Service	Account Name	Password	Startup Type	1000
SQL Server Agent	NT Service\SQLSERVERA		Manual	~
SQL Server Database Engine	NT Service\MSSQLSERVER		Automatic	×
SQL Server Analysis Services	NT Service\MSSQLServe		Automatic	×
SQL Server Reporting Services	NT Service\ReportServer		Automatic	V
SQL Server Integration Services 11.0	NT Service\MsDtsServer		Automatic	~
SQL Server Distributed Replay Client	NT Service\SQL Server D		Manual	~
SQL Server Distributed Replay Con	NT Service\SQL Server D		Manual	~
SQL Full-text Filter Daemon Launc	NT Service\MSSQLFDLa		Manual	
SQL Server Browser	NT AUTHORITY\LOCAL		Disabled	~
22				_
	Rack Next	Can	cal Ha	de
	Service SQL Server Agent SQL Server Database Engine SQL Server Analysis Services SQL Server Reporting Services SQL Server Integration Services 11.0 SQL Server Distributed Replay Client SQL Server Distributed Replay Con SQL Full-text Filter Daemon Launc SQL Server Browser	Service Account Name SQL Server Agent NT Service\SQLSERVERA SQL Server Database Engine NT Service\MSSQLSERVER SQL Server Analysis Services NT Service\MSSQLServe SQL Server Reporting Services NT Service\ReportServer SQL Server Integration Services 11.0 NT Service\MsDtServer SQL Server Distributed Replay Client NT Service\SQL Server D SQL Server Distributed Replay Con NT Service\SQL Server D SQL Full-text Filter Daemon Launc NT Service\MSSQLFDLa SQL Server Browser NT AUTHORITY\LOCAL	Service Account Name Password SQL Server Agent NT Service\SQLSERVERA SQL Server Database Engine NT Service\MSSQLSERVER SQL Server Analysis Services NT Service\MSSQLServer SQL Server Reporting Services NT Service\MSSQLServer SQL Server Integration Services NT Service\MSDtServer SQL Server Distributed Replay Client NT Service\SQL Server D SQL Server Distributed Replay Con NT Service\SQL Server D SQL Full-text Filter Daemon Launc NT Service\MSSQLFDLa SQL Server Browser NT AUTHORITY\LOCAL	Service Account Name Password Startup Type SQL Server Agent NT Service\SQLSERVERA Manual SQL Server Database Engine NT Service\MSSQLSERVER Automatic SQL Server Analysis Services NT Service\MSSQLServer Automatic SQL Server Reporting Services NT Service\MSSQLServer Automatic SQL Server Integration Services NT Service\MSDtServer Automatic SQL Server Distributed Replay Client NT Service\SQL Server D Manual SQL Server Distributed Replay Con NT Service\SQL Server D Manual SQL Server Bistributed Replay Con NT Service\MSSQLFDLa Manual SQL Full-text Filter Daemon Launc NT Service\MSSQLFDLa Manual SQL Server Browser NT AUTHORITY\LOCAL Disabled

Başta belirttiğim gibi collation olarak **SQL_Latin1_General_CP1_CI_AS** geliyor.Next diyerek devam ediyoruz.

Setup Support Rules Setup Role	Service Accounts Collation Database Engine:	
nstallation Rules nstance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Analysis Services Configuration	SQL_Latin1_General_CP1_CI_AS Latin1-General, case-insensitive, accent-sensitive, kanatype-insensitive, width-insensitive for Unicode Data, SQL Server Sort Order 52 on Code Page 1252 for non-Unicode Data Analysis Services: Latin1_General_CI_AS	Customize
Reporting Services Configuration Distributed Replay Controller Distributed Replay Client Error Reporting Installation Configuration Rules Ready to Install Installation Progress Complete	Latin 1-General, case-insensitive, accent-sensitive, kanatype-insensitive, width- insensitive Warning: The Database Engine and Analysis Services collations are not the same.	

Server Configuration bölümünde authentication tipi olarak windows authentication'ı seçiyoruz ve mevcut kullanıcımızı yani domain administrator hesabını listeye ekliyoruz.

1	SQL Server 2012 Setup	x
Database Engine Confi Specify Database Engine auther	guration ntication security mode, administrators and data directories.	
Setup Support Rules Setup Role Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Analysis Services Configuration Reporting Services Configuration Distributed Replay Controller Distributed Replay Controller Distributed Replay Client Error Reporting Installation Configuration Rules Ready to Install Installation Progress Complete	Server Configuration Data Directories FILESTREAM Specify the authentication mode and administrators for the Database Engine. Authentication Mode Windows authentication mode Mixed Mode (SQL Server authentication and Windows authentication) Specify the password for the SQL Server system administrator (sa) account. Enter password: Confirm password: Specify SQL Server administrators ARGE\administrator SQL Server administrators ARGE\administrator SQL Server administrator 	ators cess ne.
	<pre>< Back Next > Cancel H</pre>	lelp

Sql Database'lerin konumlanacağın dizin olarak farklı bir disk'i gösteriyorum.Sql datalarının farklı bir dizinde bulunması daha stabil kurulum sağlayacak ve data güvenliği açısından extra bir güvenlik sağlayacaktır.

etup Support Rules	Server Configuration Data Dir	rectories FILESTREAM
etup Role eature Selection	Data root directory:	Τ.\
nstallation Rules	System database directory:	T:\MSSQL11.MSSQLSERVER\MSSQL\Data
nstance Configuration lisk Space Requirements	User database directory:	T:\MSSQL11.MSSQLSERVER\MSSQL\Data
erver Configuration	User database log directory:	T:\MSSQL11.MSSQLSERVER\MSSQL\Data
Database Engine Configuration Malysis Services Configuration	Temp DB directory:	T:\MSSQL11.MSSQLSERVER\MSSQL\Data
eporting Services Configuration	Temp DB log directory:	T:\MSSQL11.MSSQLSERVER\MSSQL\Data
vistributed Replay Controller Vistributed Replay Client rror Reporting Installation Configuration Rules Leady to Install Installation Progress Complete	Backup directory:	T:\MSSQL11.MSSQLSERVER\MSSQL\Backup

SQL kurulumu bittikten sonra performans ile ilgili bir uyarı almamak için ram ayalarını optimize ediyoruz.

Select a page	Script 👻 📑 Help
Memory Processors Security Connections Database Settings Advanced Permissions	Server memory options Minimum server memory (in MB):
1,0000	6144
Connection	Other memory options Index creation memory (in KB, 0 = dynamic memory):
Server: SCCMSQL Connection: ARGE\administrator	Minimum memory per query (in KB):
Progress	
Ready	Configured values O Running values
	OK Cancel

SQL kurulumunu başarılı bir şekilde tamamladıktan sonra SCCM kurulumu için ön hazırlıklara başlayabiliriz.

Öncelikle Sccm sunucusunda .net 3.5 kurulumunu gerçekleştiriyoruz.Framework kurulumunda sonra diğer bileşenleride sırası ile yükleyeceğiz.

Diğer bileşenler ;

Background Intelligent Transfer Service (BITS) ve Remote differential compression

BITS nedir ?

- Eş zamanlı olarak ön planda yükleme gerçekleştirmek,
- Uzak adlar için SMB protokolünü desteklemek,
- Network de istemci bant genişliği kullanımını artırmak,
- Dosya aktarım sırasında sistem herhangi bir nedenle kesintiye uğrayacak olursa dosya aktarım işlemine kaldığı yerden devam etmek,

Remote Differential Compression nedir ?

Site System Server'ları ve branch distribution point'ler, paket imzalarını oluşturmada ve imza karşılaştırmada ihtiyaç duyuyorlar.

	Add Roles and Features Wizard	
Select features		DESTINATION SERVER SCCMR2.arge.local
Before You Begin	Select one or more features to install on the selected server.	
Installation Type	Features	Description
Server Selection	NET Framework 3.5 Features	.NET Framework 3.5 combines the
Server Roles	INET Framework 4.5 Features (2 of 7 installed)	power of the .NET Framework 2.0
Features	Background Intelligent Transfer Service (BITS)	building applications that offer
Confirmation	BitLocker Drive Encryption	appealing user interfaces, protect
Results	BitLocker Network Unlock	information, enable seamless and
	BranchCache	secure communication, and provide
	Client for NFS	the ability to model a range of business processes.
	Data Center Bridging	and an address of the second
	Direct Play	
	Ennanced Storage	
	Group Policy Management	
	IIS Hostable Web Core	
	Ink and Handwriting Services	
	×	
	x III 2	
	< Previous Next	> Install Cancel

.net kurulumunun ardından bits ve remote differential compression bileşenlerinin kurulumuna geçiyorum.Görüldüğü gibi 3.5 kurulumu ardında 4.5 kurulumu tamamlanıyor.Bits'i işaretlediğimde IIS hizmetleri de eklenmiş oluyor.

Before You Begin ristallation Type Server Roles Peatures Peatures Description Background Intelligent Transfer Peatures Description Background Intelligent Transfer Peatures Description Background Intelligent Transfer Service (BITS) Description Background Intelligent Transfer Service (BITS) BitLocker Drive Encryption BitLocker Network Unlock BranchCache Client for NFS Data Center Bridging Direct Play Enhanced Storage Failover Clustering Group Policy Management IIS Hostable Web Core Ink and Handwriting Services Ink and Handwriting Services Previous Vervious	1999-1999 - Total State (Total)		×	
Features Description Server Roles NET Framework 3.5 Features (1 of 3 installed) NET Framework 4.5 Features (2 of 7 installed) Background Intelligent Transfer Service (BITS) BitLocker Drive Encryption BitLocker Network Unlock BranchCache Client for NFS Data Center Bridging Direct Play Enhanced Storage Failover Clustering Group Policy Management IIS Hostable Web Core Ink and Handwriting Services Web Server (IIS) Anagement Compatibility IIS 6 Metabase Compatibility IIS 6 Metabase Compatibility IIS 6 Metabase Compatibility IIS 6 Metabase Compatibility IIS 6 Metabase Compatibility IIS 6 Metabase Compatibility IIS 6 Metabase Compatibility IIS 6 Metabase Compatibility IIS 6 Metabase Compatibility IIS 6 Metabase Compatibility IIS 6 Metabase Compatibility IIS 6 Metabase Compatibility IIS 6 Metabase Compatibility IIS 6 Metabase Compatibility IIS 6 Metabase Compatibility IIS 6 Metabase Compatibility IIS 6 Metabase Compatibility IIS 6 Metabase Compatibility IIS 6 Metabase Compatibility IIS 6 Metabase Compatibility IIS 6 Metabase Compatibility IIS 6 Metabase Compatibility IIS 6 Metabase Compatibility IIS 6 Metabase Compatibility IIS 6 Metabase Compatibility IIS 6 Metabase Compatibility IIS 6 Metabase Compatibility IIS 6 Metabase Compatibility IIS 6 Metabase Compatibility IIS 6 Metabase Compatibility IIS 6 Metabase Compatibility IIS 6 Metabase Compatibility IIS 6 Metabase Compatibility IIS 6 Metabase Compatibility 		Select one or more features to install on the selected ser	ver.	
Server Roles Features Confirmation Results BitLocker Drive Encryption BitLocker Network Unlock BranchCache Client for NFS Data Center Bridging Direct Play Failover Clustering Group Policy Management IIS Hostable Web Core Ink and Handwriting Services IIIS Hostable Web Core IIII Network IIIS Hostable Web Core IIII Network IIII Network IIIIS Hostable Web Core IIIII Network IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII		Features	Description	
Server Roles Add Roles and Features Wizard Features Add Roles and Features Wizard Features Add Roles and Features Wizard Features Results Results Confirmation BitLocker Drive Encryption Add features that are required for Background Intelligent Transfer Service (BITS) BitLocker Drive Encryption BitLocker Network Unlock Previous You cannot install Background Intelligent Transfer Service (BITS) Option Data Center Bridging Direct Play Previous You cannot install Background Intelligent Transfer Service (BITS) Option Direct Play Direct Play Enhanced Storage Failover Clustering Add Roles and Features are also installed. Ins Hostable Web Core Ins Hoatable Web Core Management Tools Amagement Compatibility Management Console Ins And Handwriting Services Mit S 6 Metabase Compatibility Is 6 Management Console Web Server Construct Mit Next Include management tools (if applicable)		NET Framework 3.5 Features (1 of 3 installed)	Background Intelligent Transfer	Transfer and
Features Background Intelligent Transfer Service (BITS) BitLocker Drive Encryption BitLocker Network Unlock BranchCache Client for NFS Data Center Bridging Direct Play Enhanced Storage Failover Clustering Group Policy Management IIS Hostable Web Core Ink and Handwriting Services Web Server (IIS) A Management Compatibility IIS 6 Management Console Web Server S 6 Metabase Compatibility ITools] IIS Management Console Web Server IS 6 Metabase Compatibility IS 6 Metabase Comp	Server Roles	Image: International states (1015 installed) Image: Imag	Add Roles and Feature	s Wizard
Confirmation BitLocker Drive Encryption BitLocker Network Unlock BranchCache Client for NFS Data Center Bridging Direct Play Enhanced Storage Failover Clustering Group Policy Management IIS Hostable Web Core Ink and Handwriting Services IINk and Handwriting Services Veb Server (IIS) 4 Management Compatibility IIS 6 Management Console Web Server Web Server Veb Server IIS 6 Management Console Web Server V Include management tools (if applicable)	Features	Background Intelligent Transfer Service (BITS)	=	101 - 1 - D
Results BitLocker Network Unlock BranchCache Intelligent Transfer Service (BITS)? You cannot install Background Intelligent Transfer Service (BITS) Data Center Bridging Unless the following role services or features are also installed. Data Center Bridging Direct Play Enhanced Storage Failover Clustering Group Policy Management [Tools] BITS Server Extensions Tools IIS Hostable Web Core Management Tools Ink and Handwriting Services IIS 6 Management Compatibility IIS 6 Management Console Web Server Web Server V Ins Hostable Web Core Ins Hostable Web Core Ink and Handwriting Services V IIS 6 Management Cools IIS 6 Management Console Web Server V Ins 6 Management Console V Ins 6 Management tools (if applicable) V		BitLocker Drive Encryption	Add features that are required for	Background
BranchCache Client for NFS Data Center Bridging Direct Play Enhanced Storage Failover Clustering Group Policy Management IIS Hostable Web Core Ink and Handwriting Services With Server (IIS) ✓		BitLocker Network Unlock	Intelligent Transfer Service (BITS)?	
Client for NFS Data Center Bridging Direct Play Enhanced Storage Failover Clustering Group Policy Management IIS Hostable Web Core Ink and Handwriting Services Web Server (IIS) ✓ Management Compatibility IIS 6 Management Compatibility IIS 6 Management Console ✓ Web Server ✓ Web Server ✓ Include management tools (if applicable)		BranchCache	You cannot install Background Intelligent Tr	ansfer Service (BITS)
□ Data Center Bridging □ □ Direct Play □ □ Direct Play □ □ Direct Play □ □ Failover Clustering □ □ Group Policy Management □ □ IIS Hostable Web Core □ □ Ink and Handwriting Services ∨ ✓ III ✓ III ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ III ✓ III ✓ ✓ ✓ Include management tools (if applicable)		Client for NFS	unless the following role services or features	s are also installed.
Direct Play Direct P		Data Center Bridging	Remote Server Administration Tools	A
Image: Inflamed Storage [Tools] BITS Server Extensions Tools Failover Clustering Web Server (IIS) Group Policy Management Management Tools IIS Hostable Web Core IIS 6 Management Compatibility Ink and Handwriting Services IIS 6 Metabase Compatibility IIS 6 Metabase Compatibility IIS 6 Metabase Compatibility IIS 6 Metabase Compatibility IIS 6 Metabase Compatibility IIS 6 Metabase Compatibility IIS 6 Metabase Compatibility Include management tools (if applicable) Include management tools (if applicable)		Direct Play	▲ Feature Administration Tools	
		Enhanced Storage	[Tools] BITS Server Extensions To	≡ a
A Management Tools IIS Hostable Web Core IIS Hostable Web Core Ink and Handwriting Services III S 6 Management Compatibility IIS 6 Metabase		Group Policy Management	▲ Web Server (IIS)	52342624, 11
Ink and Handwriting Services Ink and Handwriting Services V		IIS Hostable Web Core	▲ Management Tools	
III IIII IIIII IIII IIII IIII IIIII IIIII IIIII IIIII IIIII IIIIIIIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII		Ink and Handwriting Services	⊿ IIS 6 Management Compatibility	
Image: Construction Image: Construction Imag			IIS 6 Metabase Compatibility	
Vext Vext		< <u> </u>	[Tools] IIS Management Console	
< Previous Next Include management tools (if applicable)			⊿ Web Server	~
		< Previous	Next Include management tools (if applicable	e)
			Add	Cancel

Add features dedikten sonra Remote Differencial Compression seçimini yapıyorum.Next diyerek ilerliyorum.Karşıma çıkan IIS bileşenleri seçiminde tümünü seçip devam ediyorum.

	Add Roles and Features Wizard	_ _ X
Select role servic Before You Begin Installation Type	CES Select the role services to install for Web Server (IIS) Role services	DESTINATION SERVER SCCMR2.arge.local
Server Roles Features Web Server Role (IIS) Role Services Confirmation Results	 Server Side Includes WebSocket Protocol FTP Server FTP Service FTP Extensibility Management Tools IIS Management Console IIS 6 Management Compatibility IIS 6 Metabase Compatibility IIS 6 Metabase Compatibility IIS 6 Management Console III Management Console III Management Console III Management Console III Management Console III Management Console III Management Console III Management Console III Management Console <li< td=""><td>Management Service allows the Web server to be managed remotely from another computer using IIS Manager.</td></li<>	Management Service allows the Web server to be managed remotely from another computer using IIS Manager.
	< Previous Next	> Install Cancel

Tüm bileşenleri kurduktan IIS tarafında yapılması gereken bir takım işlemler var.Sccm 2007 olduğu gibi webdav ayarlarını etkinleştirmek ve permission tanımlarını yapmamız gerekiyor.

IIS Manager'ı açıyoruz. Default Web Site'a gelip WebDav Authoring Rules'a çift tıklıyoruz.



Sol tarafta "enable webdav" a tıklayarak etkinleştirmiş oluyoruz.



Webdav'ı aktif ettikten sonra webdav ayarlarına geliyoruz. Allow Anonymous Propert Queries : True, Allow Custom Properties : False ve Allow Property Queries with Infinite Depth : True olarak değiştiriyoruz.

5				Alerts	
118	9	WebDAV Settings		(i) The changes have been	
Page	10	Authoring Behavior		successiony saved.	
IR2 (ARGE\Administrato		Allow Unknown MIME Types	True	Actions	
pplication Pools		Default MIME Type	application/octet-stream	Er Apply	
Default Web Site	1	4 Lock Behavior		Br. Cancel	
Derault web site		Allow Locks	True	EX concer	
		Lock Store	webdav_simple_lock	WebDAV Authoring Rules	
		Require Lock for Writing	False	🕢 Help	
		⊿ Property Behavior		Para Storage	
		Allow Anonymous Property Queries	True		
		Allow Custom Properties	True		
		Allow Property Queries with Infinite Depth	True		
		Property Store	(Collection)		
		A Request Filtering Behavior			
		Allow File Extension Filtering	False		
		Allow Hidden Segment Filtering	False		
	4		Allow Verb Filtering	False	
		⊿ WebDAV Behavior	havior		
		Allow Hidden Files to be Listed	False		
		Compatibility Options			
		Dentin COL Annual	Falce		

Webdav Authoring Rules'a tıklayıp yeni bir kural oluşturuyoruz.All Users'a read hakkı veriyoruz ve webdav tarafındaki işlemleri tamamlamış oluyoruz.

Connections		Edit Authoring Rule ? X	Actions
Start Page SCCMR2 (ARGE\Administrato)	WebDAV Authoring Use this feature to specify rules for autho	Rt Allow access to:	Add Authori Edit
Application Pools	Path Users	All content	A Maria Ha
⊿ istes ▶	^ All users	O Specified content:	Move Down
		Example: *.bas, wsvc.axd	Disable Web WebDAV Set
		Allow access to this content to: All users Specified roles or user groups: Admin, Guest Specified users: User1, User2	🕢 Help
		Permissions	
		Urite	
		OK Cancel	

SQL Server tarafında da tcp/ip'nin enabled durumunda olduğunu kontrol ediyoruz.

	Sql	Server Configurat	tion Manager	
File Action View Help				
🗢 🏟 🙍 🗐 🙆 📓	6			
 SQL Server Configuration Manager (Local) SQL Server Services SQL Server Network Configuration (32bit) SQL Server Network Configuration SQL Server Network Configuration Protocols for MSSQLSERVER SQL Native Client 11.0 Configuration Client Protocols Aliases 	Protocol Name G Shared Memory G Named Pipes G TCP/IP	Status Enabled Disabled Enabled		

Active Directory tarafına geçiyoruz.Öncellikle windows firewall tarafında açılması gereken portlar ve tanımlamalar var.

Client'lara agent deployment işlemi gerçekleştirmek ve düzgün raporlar elde edebilmek için sccm client'in kurulu olacağı bilgisayarda firewall tanımlarının yapılması gerekiyor.Bunun için yeni bir gpo oluşturuyoruz.Oluşturacağımız bu gpo'yu sccm clientların bulunduğu ou'ya linkliyoruz.

P us worked and support total	
⊨ ⇒ <u>a 📷 🗙 a</u> 🗳 🗃	
Group Policy Management	Sccm Client Push Policy
# Domnies	Scope Datalis [Settings Delegation
a 🏥 argalocal	Units Display Infance: this location: I seek load
 Domain Controllers 	The following sites, domains, and Oliva are linked to this GPO:
scom	Location Enforced Link Enabled Path
Scen Client Push Policy	El SCOM Cleres Nei Yes argeloco/SCOM Cleres
5 Group Policy Objects	
 B Starter GPOs 	
p 📑 Sites	
Group Policy Modeling Group Policy Results	
	Security Filtering
	The settings in this GPO can only apply to the following proups, users, and computers
	Authenticated Users
	Add Plenove Properties
	WMI Fibeing
	This GPO is linked to the following WMI filter
	Connect V Copies
	Tak the pile BMG 124
Line we juni Line	180 2/16
Group Policy Management	
and the second se	
File Action View Window	Hep
🗢 🔿 Z 🔂 🖬 🖸 🗎 🤤	
🗭 🖘 😕 📅 📙 📄 💁	
Group Policy Management	Linked Group Policy Objects Group Policy Industry Delegation
Group Policy Management	Linked Group Policy Objects Group Policy Inheritance Delegation
Group Policy Management Group Policy Management	Linked Group Policy Objects Group Policy Inheritance Delegation
Group Policy Management Group Policy Manageme	Linked Group Policy Objects Group Policy Inheritance Delegation
Group Policy Management Group Policy Manageme	Linked Group Policy Objects Group Policy Inheritance Delegation
Group Policy Management Group Policy Management Group Policy Management Group Policy Management Group Policy Object Group Policy Object	Linked Group Policy Objects Group Policy Inheritance Delegation
Group Policy Management Group Policy Management Group Policy Management Group Policy Management Group Policy Object Group Policy Object WMI Filters	Linked Group Policy Objects Group Policy Inheritance Delegation
Group Policy Management Group Policy Management Group Policy Management Default Domain Policy Default Domain Policy Default Domain Controllers Default Domain Controllers WMI Filters Default Policy Object Starter GPDs	Linked Group Policy Objects Group Policy Inheritance Delegation
Group Policy Management Group Policy Management Group Policy Management Group Policy Management Default Domain Policy Default Domain Controllers Group Policy Object WMI Filters Group Policy Object State GPOS	Linked Group Policy Objects Group Policy Inheritance Delegation
Group Policy Management Group Policy Management Group Policy Management Group Policy Management Default Domain Policy Default Domain Controllers Group Policy Object WMI Filters Group Policy Management Starter GPOs Sites Group Policy Management	Linked Group Policy Objects Group Policy Inheritance Delegation
Group Policy Management Group Policy Management Forest: Domains Default Domain Policy Default Domain Policy Domain Controllers Group Policy Object WMI Filters Starter GPOs Starter GPOs Group Policy Modeling	Linked Group Policy Objects Group Policy Inheritance Delegation
Group Policy Management Group Policy Management Forest: Domains Default Domain Policy Default Domain Policy Domain Controllers Group Policy Object WMI Filters Starter GPOs Starter GPOs Group Policy Modeling Group Policy Modeling Group Policy Modeling Group Policy Results	Linked Group Policy Objects Group Policy Inheritance Delegation Link Enabled GPO
Group Policy Management Group Policy Management Forest: Domains Default Domain Policy Domain Controllers Domain Controllers WMI Filters Domain Starter GPOs Starter GPOs Group Policy Modeling Group Policy Modeling Group Policy Results	Linked Group Policy Objects Group Policy Inheritance Delegation Link Enabled GPO Link Order - GPO Enforced Link Enabled GPO 1 sc Default Domain Policy No Yes Enabled Name: SCCM Client Source Starter GPO:
Group Policy Management Group Policy Management Forest: Domains Domains Default Domain Policy Domain Controllers Group Policy Object WMI Filters Starter GPOs Starter GPOs Group Policy Modeling Group Policy Modeling Group Policy Results	Linked Group Policy Objects Group Policy Inheritance Delegation Link Order * GPO Enforced Link Enabled GPO 1 s Default Domain Policy No Yes Enabled Name: SCCM Client Source Starter GPO: (none)
Group Policy Management Group Policy Management Forest: Domains Default Domain Policy Domain Controllers Domain Controllers WMI Filters WMI Filters Starter GPOs Starter GPOs Group Policy Modeling Group Policy Modeling Group Policy Results	Linked Group Policy Objects Group Policy Inheritance Delegation Link Order * GPO Enforced Link Enabled GPO 1 s Default Domain Policy No Yes Enabled Name: SCCM Client Source Starter GPO: (none)
Group Policy Management Group Policy Management Forest: Domains Default Domain Policy Default Domain Policy Object WMI Filters WMI Filters Starter GPOs Sites Group Policy Modeling Group Policy Results	Linked Group Policy Objects Group Policy Inheritance Delegation
Group Policy Management Group Policy Management Forest: Domains Default Domain Policy Default Domain Policy Group Policy Object WMI Filters WMI Filters Starter GPOs Starter GPOs Sites Group Policy Modeling Group Policy Results	Linked Group Policy Objects Group Policy Inheritance Delegation
Group Policy Management Group Policy Management Forest: Default Domain Policy Default D	Linked Group Policy Objects Group Policy Inheritance Delegation
Group Policy Management Group Policy Management Group Policy Management Group Policy Object WMI Filters Group Policy Modeling Group Policy Modeling Group Policy Results	Linked Group Policy Objects Group Policy Inheritance Delegation
Group Policy Management Group Policy Management Group Policy Management Group Policy Management Group Policy Modeling Group Policy Modeling Group Policy Modeling Group Policy Results	Linked Group Policy Objects Group Policy Inheritance Delegation
Group Policy Management Group Policy Management Group Policy Management Group Policy Domains Group Policy Object WMI Filters Group Policy Modeling Group Policy Modeling Group Policy Results	Linked Group Policy Objects Group Policy Inheritance Delegation
Group Policy Management Group Policy Management Group Policy Management Group Policy Management Group Policy Modeling Group Policy Modeling Group Policy Modeling Group Policy Results	Linked Group Policy Objects Group Policy Inhertance Delegation
Group Policy Management Group Policy Management Group Policy Management Group Policy Management Group Policy Modeling Group Policy Modeling Group Policy Modeling Group Policy Results	Linked Group Policy Objects Group Policy Inheritance Delegation
Group Policy Management Group Policy Management Group Policy Management Group Policy Dorains Group Policy Object WMI Filters Group Policy Modeling Group Policy Modeling Group Policy Results	Linked Group Policy Objects Group Policy Inheritance Delegation

computer configuration, Windows settings, Security settings, Windows firewall with advanced security yolunu takip edip inbound rules sekmesine kadar geliyoruz.

ы

I

Group Policy Management Editor							
Eile Action View Help							
(* *) 2 m 😹 🛛 m							
SCCM Client Push Policy	Name	Group					
Computer Configuration	These are a	items to show in this view					
E 🧰 Policies	There are no	o items to show in this view.					
🗉 🧰 Software Settings							
🖃 🚞 Windows Settings							
Image: Margin							
Scripts (Startup/Shutdown)							
E Base Security Settings							
Account Policies							
Local Policies							
🗉 🔟 EventLog							
Restricted Groups							
System Services							
🕑 📴 Registry							
📧 🌇 File System							
Wired Network (IEEE 802.3) Policies							
Windows Firewall with Advanced Security							
Windows Firewall with Advanced Security - LDAP://CN=							
Inbound Rules							
Cutbound Rules							
Connection Security Rules							
Network List Manager Policies							
E Jaf Wireless Network (IEEE 802.11) Policies							
Public Key Policies							
Software Restriction Policies							
Image: Imag							
Application Control Policies							
IP Security Policies on Active Directory	•1						

İnbound rules üzerinde ve ya sağ tarafta sağ click diyoruz ve yeni bir inbound kuralı oluşturuyurouz.



Tüm kutuların işaretli olduğuna emin oluyoruz.

redefined Rules				
elect the rules to be created f	or this experience.			
teps:				
Rule Type	Which rules would you like to create?			
Predefined Rules	The following rules define network connectivity requi	rements for the s	elected predefin	ed group.
Action	Rules:	idy exists and is i	checked, the co	ntents of
	Name	Rule Exists	Profile	Desc
	File and Printer Sharing (LLMNR-UDP-In)	No	All	Inbou
	File and Printer Sharing (Echo Request - ICM	No	All	Echo
	File and Printer Sharing (Echo Request - ICM	No	All	Echo
	File and Printer Sharing (Spooler Service - RP	No	All	Inbou
	File and Printer Sharing (Spooler Service - RP	No	All	Inbou
	 File and Printer Sharing (NB-Datagram-In) 	No	All	Inbou
	File and Printer Sharing (NB-Name-In)	No	All	Inbou
	File and Printer Sharing (SMB-In)	No	All	Inbou
	File and Printer Sharing (NB-Session-In)	No	All	Inbou
	at 1			-

Bağlantıya izin veriyoruz.

📸 New Inbound Rule Wiza	rd	×
Action Specify the action to be taken	when a connection matches the conditions specified in the rule.	
Specify the action to be taken of Steps: Predefined Rules Action	What action should be taken when a connection matches the specified conditions? • Alow the connection This includes connections that are protected with IPsec as well as those are not. • Alow the gonnection if it is secure This includes only connections that have been authenticated by using IPsec. Connections will be secured using the settings in IPsec properties and rules in the Connection Security Rule node. • Cuttomize • Block the connections	
	< <u>B</u> ack <u>Finish</u> Cancel	

Finish dediğimizde kuralın oluştuğunu görüyoruz.

📕 Group Policy Management Editor					- 0 ×
File Action View Help					
(= =) 2 🖬 🕃 🖬 🖬					
ent Push Policy	Name	Group	Profile	Enabled	Action
puter Configuration	File and Printer Sharing (LLMINR-UDP-In)	File and Printer Sharing	Al	Yes	Allow
olicies	File and Printer Sharing (Echo Request - ICM	File and Printer Sharing	Al	Yes	Allow
Software Settings	File and Printer Sharing (Echo Request - ICM	File and Printer Sharing	All	Yes	Allow
Windows Settings	File and Printer Sharing (Spooler Service - R	File and Printer Sharing	Al	Yes	Allow
Name Resolution Policy	File and Printer Sharing (Spooler Service - RPC)	File and Printer Sharing	Al	Yes	Allow
Scripts (Startup/Shutdown)	File and Printer Sharing (NB-Datagram-In)	File and Printer Sharing	All	Yes	Allow
E Security Settings	File and Printer Sharing (NB-Name-In)	File and Printer Sharing	All	Yes	Allow
Account Policies	File and Printer Sharing (SMB-In)	File and Printer Sharing	All	Yes	Allow
E Local Polices	File and Printer Sharing (NB-Session-In)	File and Printer Sharing	Al	Yes	Allow

Aynı kuralı outbound rules kısmında da oluşturuyoruz.

I Group Policy Management Editor					_ ×
Elle Action View Help					
🗢 🔿 🙎 🖬 🗟 🖬					
ent Push Policy	Name	Group	Profile	Enabled	Action
uter Configuration olicies Software Settings Windows Settings Name Resolution Policy Scripts (Startup/Shutdown) Security Settings Account Policies Local Policies Event Log Registry File System Windows Frewall with Advar Windows Firewall with Advar Software Restriction Security Network List Manager Policies Windows Firewall with Advar Software Restriction Policies Network Access Protection	File and Printer Sharing (LLMNR-UDP-Out) File and Printer Sharing (Echo Request - ICM File and Printer Sharing (NB-Datagram-Out) File and Printer Sharing (NB-Name-Out) File and Printer Sharing (NB-Out) File and Printer Sharing (NB-Session-Out)	File and Printer Sharing File and Printer Sharing	Al Al Al Al Al	Yes Yes Yes Yes Yes	Allow Allow Allow Allow Allow Allow

Şimdi sırada **Windows Management Instrumentation** servisi için inbound rule tanımı yapıyoruz.Öncelikle wmi nedir ondan bahsedelim.wmi işletim sistemi üzerinde nesnelerin kontrol edilmesini,operasyonel işlemlerin yönetimini sağlayan bir servisdir.Temel işlemler olarak uzaktan bilgisayar yönetimini sağlamak olarak düşünebilirsiniz.Yeniden başlatmak, uzaktan bilgisayara bağlanmak gibi servisler bu servise bağımlıdır.

Şimdi kuralımızı oluşturalım.

Hazır tanımlı olan predefined bölümünden wmi seçimini yapıyoruz.



Tüm kutuların işaretli olduğuna emin oluyoruz.

ielect the rules to be created for	r this experience.			
iteps:				
Rule Type	Which rules would you like to create?			
Predefined Rules	The following rules define network connectivity requi	rements for the s	elected predefin	ed group.
Action	Rules that are checked will be created. If a rule alreat the existing rule will be overwritten.	ady exists and is (checked, the co	ntents of
	Name	Rule Exists	Profile	Desc
	Windows Management Instrumentation (ASy	No	All	Inbou
	Windows Management Instrumentation (WMI	No	All	Inbou
				-
	Learn more also it predefined a lee			
	Learn more about predenned rules			

Bağlantıya izin veriyoruz.



Wmi kuralımızı oluşturmuş olduk.Şimdi sıra geldi SQL bağlantısı için gerekli portların firewall üzerinde tanımlanmasına.Bu kuralı oluşturmayabilirsiniz.Aslında tercihe kalmış bi durum.Buradaki 1433 ve 4022 portlarına izin verebilmek.Bilindiği üzere 1433 ve 4022 sql bu portları diğer sql sunucularla replikasyon sağlamak ve sql erişim isteklerini kabul etmek için kullanır.Bu yüzden mevcut domain'de bu portları açıyorum.



İzin vereceğim port bilgilerini yazıyorum.

👷 New Inbound Rule Wiza	rd	×
Protocol and Ports Specify the protocols and ports	to which this rule applies.	
Steps: Rule Type Protocol and Ports Action Profile Name	Does this rule apply to TCP or UDP? • ICP • UDP Does this rule apply to all local ports or specific local ports? • All local ports • Specific local ports: 1433 Example: 80, 443, 5000-5010	
	Learn more about protocol and ports	

Bağlantıya izin veriyorum.



Tüm firewall profiline uygulamak istediğim için tüm profili seçiyorum.



Next diyerek kuralı tanımlayan bir isim yazıyorum ve finish diyerek tamamlıyorum.Aynı işlemi 4022 portu içinde gerçekleştiriyoruz.Firewall tarafındaki işlemleri isterseniz kurulum öncesinde ve sonrasında yapabilirsiniz.

Adsiedit tool aracını kullanarak bir container objesi oluşturmamız gerekiyor.2007 de olduğu gibi 2012 versiyonunda manuel yapılması gerekli.Çünkü active directory extend işlemi bu obje oluşmuyor.

Adsiedit aracını kullanarak system altında System Management isimli bir container oluşturmamız gerekiyor.Komut satırından adsiedit.msc dedikten sonra system objesi üzerine sağ tıklayıp new object diyerek container seçimini yapıyoruz.



Container tanımına System Management yazıyoruz.Next diyerek işlemi bitirmiş oluyoruz.

2	ADSI Edit				
File Action View Help					
🔶 🤿 🙍 🗮 🗶 🖬 🖉 📷					
Image: Second	Attribute: Syntax: Description: Value:	on Unicode String Common-Name System Manag	Name CN=AdminSDHolder CN=ComPartitions CN=ComPartitionSets CN=Default Domain Policy CN=Dfs-Configuration Create Object emet	Class container container domainPolicy dfsConfigura X	Distinguished Name CN=AdminSDHolder, CN=System, DC=arge, DC CN=ComPartitions, CN=System, DC=arge, DC CN=ComPartitionSets, CN=System, DC=arge CN=Default Domain Policy, CN=System, DC=arge CN=Dfs-Configuration, CN=System, DC=arge, CN=Dfs-GlobalSettings, CN=System, DC=arge, CN=DFsR-GlobalSettings, CN=System, DC=arge, CN=File Replication Service, CN=System, DC CN=FileLinks, CN=System, DC=arge, DC=loc CN=FileLinks, CN=System, DC=arge, DC=loc CN=FileLinks, CN=System, DC=arge, DC=loc CN=Meetings, CN=System, DC=arge, DC=loc CN=MicrosoftDNS, CN=System, DC=arge, DC=loc CN=Password Settings Container, CN=Syste CN=Policies, CN=System, DC=arge, DC=loca CN=RAS and IAS Servers Access Check, CN= CN=RpcServices, CN=System, DC=arge, DC=loca CN=RpcServices, CN=System, DC=arge, DC=loca CN=RBS Servers, CN=System, DC=arge, DC=loca CN=RBS Servers, CN=System, DC=arge, DC=loca CN=RBS Servers, CN=System, DC=arge, DC=loca CN=RBS Servers, CN=System, DC=arge, DC=loca CN=RBCSERVICES, CN=System, DC=arge, DC=loca CN=RBCSERVICES, CN=System, DC=arge, DC=loca CN=RBS Servers, CN=System, DC=arge, DC=loca CN=RBS Servers, CN=System, DC=arge, DC=loca CN=BCKUPKEY_B9c28477-addf-4e4c-bc73-i CN=BCKUPKEY_P Secret, CN=System, DC=arge, DC=loca CN=BCKUPKEY_P Secret, CN=System, DC=arge, DC=loca CN=BCKUPKEY_P Secret, CN=System, DC=arge, DC=loca CN=BCKUPKEY_PSecret, CN=System, DC=arge, DC=loca CN=BCKUPKEY_PSecret, CN=System, DC=arge, DC=loca CN=BCKUPKEY_PSecret, CN=System, DC=arge, DC=loca CN=RD ManagerS, CN=System, DC=arge, DC=local
CN=Password Settings Containe CN=Policies CN=PSPs CN=RAS and IAS Servers Access Ch CN=RpcServices CN=WMIPolicy	eck	< Back	Next > Cancel	Help	CN=Server,CN=System,DC=arge,DC=local

Oluşturmuş olduğumuz objede Sccm sunucusunu ekleyip full control hakkını veriyoruz.



Advanced 'e tıklayıp sccm sunucusunu seçip tüm objeler ve alt objeler olarak tam yetki veriyoruz.

Permissions	Auditing	Effective Access			Permission Entry for System Managemet
For additional in Permission entri Type & Allow Allow	formation, doul es: Princij Doma SCCM	ole-click a permission entry. To modify a permiss oal in Admins (ARGE\Domain Admins) R2 (ARGE\SCCMR25)	Principal: Type: Applies to	SCCMR2 (ARGE\SCCMR2\$) Select a princip Allow This object and all descendant objects	
Allow Allow	Authe SYSTE Pre-W Pre-W SELF Enterp Pre-W Admir ENTEF ENTEF ENTEF SELF	nticated Users M indows 2000 Compatible Access (ARGE\Pre-Winc indows 2000 Compatible Access (ARGE\Pre-Winc rise Admins (ARGE\Enterprise Admins) indows 2000 Compatible Access (ARGE\Pre-Winc indows 2000 Compatible Access (ARGE\Pre-Winc istrators (ARGE\Administrators) IPRISE DOMAIN CONTROLLERS IPRISE DOMAIN CONTROLLERS IPRISE DOMAIN CONTROLLERS	Permissic	 Pull control List contents Read all properties Write all properties Delete Delete subtree Read permissions Modify permissions Modify owner All validated writes Create all child objects Create all child objects Create account objects Delete account objects Create aCSPolicy objects 	 ✓ Delete msDS-DeviceRegi ✓ Create msDS-GroupMan ✓ Delete msDS-GroupMan ✓ Create msDS-ManagedSi ✓ Delete msDS-ManagedSi ✓ Create msDS-PasswordSi ✓ Delete msDS-ResourcePr ✓ Delete msDS-ResourcePr ✓ Delete msDS-ResourcePr ✓ Create msDS-ResourcePr ✓ Create msDS-ResourcePr ✓ Create msDS-ResourcePr ✓ Delete msDS-ResourcePr ✓ Create msDS-ResourcePr ✓ Create msDS-ResourcePr ✓ Create msDS-ResourcePr ✓ Delete msDS-ResourcePr ✓ Create msDS-ValueType ✓ Delete msDS-ValueType ✓ Create msExchConfigura ✓ Delete msExchConfigura

SQL ve Sccm ayrı sunucularda olduğundan bu iki sunucu üzerinde local admin gruplarına çapraz olarak birbirlerini ekliyoruz.



Active directory schema genişletme işlemine geçebiliriz. cmd komut satırından **\smssetup\bin\i386** path'inde **extadsch.exe** bu işlemi schema admin bir domain admin tarafından bu işlemi gerçekleştiriyoruz.



Sccm'in kurulacağı sunucuda birden fazla disk var ise sccm'in directory 'lerinin bulunacağı disk dışındaki diğer disklere distribution point dosyalarının konumlanmaması için **no_sms_on_drive.sms** isimli bir dosya oluşturup diğer disklerin içerisine ekliyoruz.

Server Language	Selection			in the second second second second second second second second second second second second second second second
👝 🗋 🚺 =	Drive Tools	Wsus	(E-) -	
File Home Shar	e View Manage	📥 I 💽 🚹 🖛 I	Drive Tools	Operating system
0 0 × *	This DC N Weye (Er)	File Home Shar	re View Manage	
		— (€) (5) + ↑ 	This PC > Operating system (C:)	
🙀 Favorites	Name		*	
E Desktop	no_sms_on_drive.sms	🙀 Favorites	Name	Date modified Ty
\rm Downloads	~	📰 Desktop	퉲 inetpub	2/16/2014 2:31 AM Fil
🕮 Recent places		퉳 Downloads	🍌 PerfLogs	8/22/2013 6:52 PM Fil
178945A 258		🔛 Recent places	퉳 Program Files	2/16/2014 2:08 AM Fil
🌉 This PC			🍌 Program Files (x86)	2/16/2014 2:08 AM Fil
Rest of Control of Control		👰 This PC	Required Files	2/16/2014 4:08 AM Fil
👽 Network			🌡 Users	2/16/2014 2:31 AM Fil
1.2.2		🙀 Network	3 Windows	2/16/2014 2:31 AM Fil
			ConfigMgrSetup.log	2/16/2014 4:08 AM Te
			ConfigMgrSetupWizard.log	2/16/2014 3:52 AM Te
			ExtADSch.log	2/16/2014 3:48 AM Te
			no_sms_on_drive.sms	2/16/2014 4:09 AM SN

Sccm kurulumunda önce yüklememiz gereken bileşenler arasında Windows Assesment Deployment kit 8.1 bulunmaktadır.

援	Windows Assessment and Deployment Kit for Windows 8.1	_ 0 X
	Installing features	
	Overall progress: 0% complete	_
	Acquiring Deployment Tools	
		Cancel



-Deployment kit kurulumunda aşağıdaki bileşenler seçilerek kuruluma devam edilir.

- Deployment Tools
- Windows Preinstallation Environment (Windows PE)
- User State Migration Tools (USMT)

Server Roles and Features tarafında istemiş olduğu bileşenleri makalenin en başında grafik arayüzü ile kurduk.İstersek powershell ile de kurulabilir.powershell üzerinden kurmak daha kolay ve sorunsuz olduğu için bir script yardımıyla kurulumu gerçekleştireceğiz bunun için ps1 scriptlerini çalıştırabilmek için

Set-ExecutionPolicy Unrestricted –force komutu powershell ile custom scriptleri çalıştırabilmek için izin vermiş oluyoruz.

import-module servermanager

Add-WindowsFeature NET-HTTP-Activation,NET-Non-HTTP-Activ,NET-WCF-HTTP-Activation45,BITS,BITS-Compact-server,BITS-IIS-Ext,RDC,Web-Server,Web-Common-Http,Web-Static-Content,Web-Default-Doc,Web-Dir-Browsing,Web-Http-Errors,Web-Http-Redirect,Web-Asp-Net,Web-Net-Ext,Web-ASP,Web-ISAPI-Ext,Web-ISAPI-Filter,Web-Health,Web-Http-Logging,Web-Log-Libraries,Web-Request-Monitor,Web-Http-Tracing,Web-Security,Web-Basic-Auth,Web-Windows-Auth,Web-Url-Auth,Web-Filtering,Web-IP-Security,Web-Performance,Web-Stat-Compression,Web-Mgmt-Tools,Web-Mgmt-Console,Web-Scripting-Tools,Web-Mgmt-Service,Web-Mgmt-Compat,Web-Metabase,WebWMI,Web-Lgcy-Scripting,Web-Lgcy-Mgmt-Console,Telnet-Client,Web-Asp-Net45,Web-Net-Ext45

Features kurulumdan sonra wsus rolünü ekleyeceğiz.

Server Manager'a gelip , add remove and features diyerek wsus rolünü seçiyoruz.

select server ro	bles	SCCMR2.arge.local
Before You Begin Installation Type	Select one or more roles to install on the selected ser Roles	ver. X
Server Selection Server Roles Features Confirmation Results	 Application Server DHCP Server DNS Server Fax Server File and Storage Services (1 of 12 installed) Hyper-V Network Policy and Access Services Print and Document Services Remote Access Remote Desktop Services Volume Activation Services Volume Activation Services Web Server (IIS) (Installed) Windows Deployment Services 	Add features that are required for Windows Server Update Services? You cannot install Windows Server Update Services unless the following role services or features are also installed. Remote Server Administration Tools Role Administration Tools Windows Server Update Services Tools [Tools] User Interface Management Console API and PowerShell cmdlets Windows Internal Database
	Windows Server Essentials Experience Windows Server Update Services	Include management tools (if applicable) Add Features Cancel

Role Services bölümünde hangi database'i kullanacağımızı söylüyor.İstersek bir sql sunucu istersek de windows internal database kullanabiliriz.Ben wsus yapılandırmamı sql sunucu üzerinde gerçekleştireceğim.O yüzden wid kutusunu uncheck, database kutusunu işaretliyoruz.

I		Add Roles and Feature	s Wizard
	Select role serv	ices	DESTINATION SERVER SCCMR2.arge.local
	Before You Begin Installation Type Server Selection Server Roles Features WSUS Role Services Content DB Instance	Select the role services to install for Windo Role services WID Database WSUS Services Database	ws Server Update Services Description Installs the database used by WSUS.
	Results		Previous Next > Install Cancel

Content location bölümünde wsus update'lerinin konumlanacağı dizini seçiyoruz.Ben bunun wsus diye ayrı bir disk hazırlamıştım.

Content location se Before You Begin	election	DESTINATION SERVER SCCMR2.arge.local
Before You Begin	If you have a drive formatted with NTEC and at least 6	
Installation Type Server Selection	If you need to save disk space, clear the check box to	5 GB of free disk space, you can use it to store store updates on Microsoft Update;
Server Roles Features WSUS	downloads will be slower. If you choose to store updates locally, updates are no approve them. By default, when updates are approved	ot downloaded to your WSUS server until you d, they are downloaded for all languages.
Role Services Content	Store updates in the following location (choose a v remote path) :	/alid local path on SCCMR2.arge.local, or a
DB Instance Confirmation	r.wsus	
	< Previous	Next > Install Cancel

DB instance bölümünde sql sunucumuzun adını yazıyoruz. Check connection a tıklıyoruz.

A	Add Roles and Features Wizard	_ D X
Database Insta	nce Selection	DESTINATION SERVER SCCMR2.arge.local
Before You Begin Installation Type Server Selection Server Roles Features WSUS Role Services Content DB Instance Confirmation Results	Specify an existing database server (Machine name\Instance name) to in sccmsql Successfully connected to server	nstall the WSUS database:
	< Previous Next >	Install

İnstall diyerek kurulumu başlatıyoruz.



Wsus servisini bir kere çalıştırıyoruz fakat konfigure etmeyeceğiz.

Run diyerek kurulum adımlarını bitirmiş olacağız.

WELCOME TO SERVER M	ANAGER	ture this local serv	/er			
QUICK START		Complete V	VSUS Instal	lation		
WHAT'S NEW		The locally hosted WSUS Serv the installation. WSUS post-in Would you like to run it now?	er requires ad stallation pro	ditional steps in order to complete cess can run those steps for you.		
LEARN MORE	DB inst	ance: sccmsql e updates locally ntent directory path: F:\wsus		Browse	n	
ROLES AND SERVER GRO Roles: 3 Server groups: 1	S			Run Close		
File and Storage Services	1	IIS	1	🖄 wsus	1	Local S
Manageability Events		 Manageability Events 		Manageability Events		Manage Events
Performance BPA results		Services Performance		Services Performance		Services Perform

Sql sunucuya bağlanarak wsus db'nin oluştuğunu kontrol ediyorum.

Object Explorer 🔹 👎 🗙	SQLQuery1.sql - SCAdministrator (55)) 🗙
Connect • 🛃 🛃 🔳 🍸 🛃 😹	
 SCCMSQL (SQL Server 11.0.3128 - ARGE\Administrator) Databases Database Snapshots ReportServer ReportServerTempDB Security Server Objects Replication AlwaysOn High Availability Management Integration Services Catalogs SQL Server Agent (Agent XPs disabled) 	

Artık SCCM 2012 R2 kurulumuna başlayabiliriz.

	System Center 2012 R2 Conf	iguration Manager Setup	- • ×
	Microsoft System Center 2012 Configuration Manager	2 R2	
	Install Restart may be required Before you begin		
	Tools and Standalone Components	Additional Resources	
	Assess server readiness	<u>R</u> elease Notes	
	Get the latest Configuration Manager updates	Read Documentation	
	Install <u>Configuration</u> Manager console	Obtain Installation Assistance	
	Download System Center Updates Publisher	Configuration Manager Community	
	Download clients for additional operating systems	Configuration Manager <u>H</u> ome	
		Browse the Installation Media	
© 2013 M	crosoft Corporation. All rights reserved.		E <u>x</u> it

İnstall diyerek kurulum adımlarına başlıyoruz.İlk kurulum olduğu için primary bu sunucumuz olacak , olduğu gibi devam edip ilerliyoruz.Secondary site ve cas kurulumunu başka bir makalede ele alacağız.

Lisans bilgilerini girip devam ediyoruz. Ben 180 günlük olarak demo lisansını seçip ilerliyorum.

	System Center 2012 R2 Configuration Manager Setup Wizard
1	Product Key
	Install the evaluation edition of this product When you install the evaluation edition of this product, it is fully functional for 180 days. After installation, you can enter the product key from the Site Maintenance option in Setup to upgrade the evaluation edition to the licensed edition.
	Install the licensed edition of this product
	< Previous Next > Cancel

Anlaşmayı kabul edip , devam ediyorum.

MICROSOFT EVALUATION SOF	TWARE LICENSE TERMS	<u> </u>
MICROSOFT SYSTEM CENTER 2012	R2 STANDARD	
These license terms are an agreement be live, one of its affiliates) and you. Please above, which includes the media on whic Microsoft	etween Microsoft Corporation (or based on where you read them. They apply to the evaluation software named h you received it, if any. The terms also apply to any	
updates,		
• supplements,		
Internet-based services, and		
support services		
for this software, unless other terms acco	ompany those items. If so, those terms apply.	
By using the software, you accept th the software.	nese terms. If you do not accept them, do not use	
As described below using the softw	are also operator as your consent to the	•
Print License Terms	I accept these license terms.	

Sccm kurulum öncesinde bazı pack'lerin yüklenmisini isteyecek.Yükleme sırasında download edecek lokasyonu belirtmeniz gerekiyor.Eğer daha önceden bu dosyaları indirmişseniz aşağıdaki seçeneği seçip devam edebilirsiniz.

	System Center 2012 R2 Configuration Mana	ger Setup Wizar	rd	
quisite D	ownloads			
Setup requi use files tha	res prerequisite files. Setup can automatically download the files t have been downloaded previously.	to a location that yo	ou specify, or you ca	an
Downloa	d required files			
	Example: \\ServerName\ShareName or C:\Downloads			
Path:	Example: \\ServerName\ShareName or C:\Downloads C:\Required Files iously downloaded files		Browse	<u></u>
Path:	Example: \\ServerName\ShareName or C:\Downloads C:\Required Files iously downloaded files Example: \\ServerName\ShareName or C:\Downloads		Browse	2
Path: C Use prev Path:	Example: \\ServerName\ShareName or C:\Downloads C:\Required Files iously downloaded files Example: \\ServerName\ShareName or C:\Downloads		Browse	2
Path: C Use prev Path:	Example: \\ServerName\ShareName or C:\Downloads C:\Required Files iously downloaded files Example: \\ServerName\ShareName or C:\Downloads		Browse	•
Path: C Use prev Path:	Example: \\ServerName\ShareName or C:\Downloads C:\Required Files iously downloaded files Example: \\ServerName\ShareName or C:\Downloads		Browse	<u></u>
Path: C Use prev Path:	Example: \\ServerName\ShareName or C:\Downloads C:\Required Files iously downloaded files Example: \\ServerName\ShareName or C:\Downloads		Browse	2
Path: C Use prev Path:	Example: \\ServerName\ShareName or C:\Downloads C:\Required Files iously downloaded files Example: \\ServerName\ShareName or C:\Downloads		Browse	2

Download işlemi başlamış durumda.

	System Center 2012 R2 Configuration Manager Setup Wizard	
Prerequisite D	ownloads	
Setup requi use files tha	res prerequisite files. Setup can automatically download the files to a location that you specify, It have been downloaded previously.	or you can
Downloa	d required files	-
	Configuration Manager Setup Downloader	
Path:		owse
C Use p	Downloading Server_CHT.cab 2 of 56 files	
Path:		owse
	Cancel]
	< Previous Next >	Cancel

Gerekli olan dosyaları indirdikten sonra dil seçimi ekranı geliyor.İngilizce default olarak sunucu işletim sisteminin kurulu olduğu dilden dolayı pasif olarak geliyor.Ekstra bir dil eklemek isterseniz seçip devam edebilirsiniz.

Select the server languages that Configuration Manager displays in the Configuration Manager console and reports.				
Conf serve Conf You	iguration Manager installs support for the lang r that runs the Configuration Manager consol- iguration Manager does not support the displ can modify the server languages if you run Set	guages that you select and us e or reports. English is the de ay language. tup again and select the Site	ses the display language of fault language and it is use Maintenance option.	f the ed when
Cun	rently Supported Languages:	Availability	State	
1		CTURUUT (V		
Г	Chinese (Simplified)	Downloaded	Not Installed	
	Chinese (Simplified) Chinese (Traditional, Hong Kong SAR)	Downloaded Downloaded	Not Installed Not Installed	
	Chinese (Simplified) Chinese (Traditional, Hong Kong SAR) Chinese (Traditional, Taiwan)	Downloaded Downloaded Downloaded	Not Installed Not Installed Not Installed	
	Chinese (Simplified) Chinese (Traditional, Hong Kong SAR) Chinese (Traditional, Taiwan) Czech	Downloaded Downloaded Downloaded Downloaded Downloaded	Not Installed Not Installed Not Installed Not Installed	
	Chinese (Simplified) Chinese (Traditional, Hong Kong SAR) Chinese (Traditional, Taiwan) Czech Dutch	Downloaded Downloaded Downloaded Downloaded Downloaded	Not Installed Not Installed Not Installed Not Installed Not Installed	
	Chinese (Simplified) Chinese (Traditional, Hong Kong SAR) Chinese (Traditional, Taiwan) Czech Dutch English	Downloaded Downloaded Downloaded Downloaded Downloaded Not Downloaded	Not Installed Not Installed Not Installed Not Installed Not Installed Installed	
	Chinese (Simplified) Chinese (Traditional, Hong Kong SAR) Chinese (Traditional, Taiwan) Czech Dutch English French	Downloaded Downloaded Downloaded Downloaded Downloaded Not Downloaded Downloaded	Not Installed Not Installed Not Installed Not Installed Installed Not Installed	
	Chinese (Simplified) Chinese (Traditional, Hong Kong SAR) Chinese (Traditional, Taiwan) Czech Dutch English French German	Downloaded Downloaded Downloaded Downloaded Downloaded Not Downloaded Downloaded Downloaded	Not Installed Not Installed Not Installed Not Installed Installed Not Installed Not Installed Not Installed	
	Chinese (Simplified) Chinese (Traditional, Hong Kong SAR) Chinese (Traditional, Taiwan) Czech Dutch English French German Hungarian	Downloaded Downloaded Downloaded Downloaded Downloaded Not Downloaded Downloaded Downloaded Downloaded	Not Installed Not Installed Not Installed Not Installed Installed Not Installed Not Installed Not Installed Not Installed	

Ortamda kullanılan client'lar için hangi dil paketini istediğini soruyor.Türkçe işletim sistemi olan clientlar için de Türkçe'yi seçip ilerliyorum.

Selec	t the client languages for Configuration	Manager to support.		
When Mana does You d	n you select a client language and it ma Iger client displays that language. Englis not support the display language. Ian modify the client languages if you m	tches the display language of a clie sh is the default language and it is u un Setup again and select the Site N	nt computer, the Configura used when Configuration M Maintenance option.	ition lanager
Cun	ently Supported Languages:	Availability	State	
Γ	Norwegian	Downloaded	Not Installed	
	Polish	Downloaded	Not Installed	
	Portuguese (Brazil)	Downloaded	Not Installed	
	Portuguese (Portugal)	Downloaded	Not Installed	
1.5	Russian	Downloaded	Not Installed	
Г	Cossich	Downloaded	Not Installed	
	spanish	Downloaded	Not Installed	
	Swedish			
	Swedish Turkish	Downloaded	Pending Install	-
	Swedish Turkish able all languages for mobile device cli	Downloaded	Pending Install	<u>•</u>

Next diyerek devam ediyoruz.Bu bölümde site code yapılandırmamızı istiyor.Önemli bir kısımdır.Site code sonradan değiştirilemez.Site code tanımı ile clientlar'ın hangi lokasyondan hizmet alacağını belirtmiş oluyorsunuz.Site name olarak belirleyici bir isim verin.Ben Merkez olarak tanımladım.Installation Folder olarak daha önceden sccm sunucusu üzerinde ayrı bir disk olarak oluşturdum SCCM diskini seçiyorum.

	ystem Center 2012 R2 Configuration Manager Setup Wizard
e and Installation Set	ttings
Specify a site code that	uniquely identifies this Configuration Manager site in your hierarchy.
Site code:	TRC
Specify a site name that	t helps to identify the site. Example: Contoso Headquarters Site
Site name:	MERKEZ
M	
Note: The site code mu: site. Installation folder:	st be unique in the Configuration Manager hierarchy and cannot be changed after you install the E:\SCCM Browse
Note: The site code mu site. Installation folder: Specify whether to insta computer. You can rem	st be unique in the Configuration Manager hierarchy and cannot be changed after you install the E:\SCCM Browse all the Configuration Manager console to manage the Configuration Manager site from this otely manage the site when you do not install the Configuration Manager console.
Note: The site code mu site. Installation folder: Specify whether to insta computer. You can remu Ir Install the Conf	st be unique in the Configuration Manager hierarchy and cannot be changed after you install the E:\SCCM Browse all the Configuration Manager console to manage the Configuration Manager site from this otely manage the site when you do not install the Configuration Manager console. figuration Manager console
Note: The site code mu site. Installation folder: Specify whether to insta computer. You can rema install the Conf	st be unique in the Configuration Manager hierarchy and cannot be changed after you install the E:\SCCM Browse all the Configuration Manager console to manage the Configuration Manager site from this otely manage the site when you do not install the Configuration Manager console. Browse figuration Manager console Previous Next > Cancel

Primary site installation bölümünde eğer cas sunucu kurulumu yaptıysanız cas yapısı içine ekleyebilirsiniz.Yeni bir kurulum yapacağımızdan install the primary site as a standalone olarak seçip devam ediyorum.

System Center 2012 R2 Configuration Manager Setup Wizard
Primary Site Installation
Specify whether to join the primary site to an exi <mark>st</mark> ing Configuration Manager hierarchy or install the primary site as a stand-alone site.
C Join the primary site to an existing hierarchy
Central administration site server (FQDN): Example: server1.contoso.com
Install the primary site as a stand-alone site
< Previous Next > Cancel
Ioin the primary site to an existing hierarchy Central administration site server (FQDN): Example: server1.contoso.com Install the primary site as a stand-alone site Install the primary site as a stand-alone site < Previous Next > Cancel

Bu kısımda SCCM'in kullanacağı sql sunucuyu soruyor.Ben sql sunucumu ayrı sunucuda bulundurduğumda buraya sql sunucunun fqdn bilgilerini giriyorum devam ediyorum.

Configuration Manage	er primary sites requ	iire a <mark>M</mark> icrosoft SC	L Server database to st	tore site settings and c	lata.
Specify the site databa with a static TCP port.	ase server details. Th Dynamic ports are r	ne <mark>instance</mark> name t not supported.	hat you use for the site	e database must be co	nfigured
SQL Server name (FQ	DN): Example: S	Server1.contoso.co	m		
SCCMSQLarge.loca					
Instance name (leave	blank for default):	Example: Mylr	stance		
Database name:	Example: CM XYZ				
CM TRC	-				
1					
Specify the TCP port r data between parent a	umber for SQL Serv and child site databa	er Service Broker. ase servers in the l	Configuration Manage nierarchy. This port is d	r uses Service Broker t ifferent from the port	o replicate used by th
SQL Server service, wh	ich is <mark>auto</mark> matically	detected by Conf	guration Manager.		
Service Broker Port:					

Sccm kurulu yapılan sms provider görevi görecek sunucu fqdn i belirtiyorum.

	System Center 2012 R2 Configuration Manager Setup Wizard
SMS F	Provider Settings
	SMS Providers are used by the Configuration Manager console to communicate with the site database.
	Specify the server where the SMS Provider will be installed. SMS Provider (FQDN): Example: server1.contoso.com
	SCCMR2.arge.local
	Note: The SMS Provider cannot be installed on a server that is configured for SQL Server clustering.
1.	< Previous Next > Cancel

Client'ların ne şekilde bağlanacağını, bağlantı tipini belirtiyorum.

	System Center 2012 R2 Configuration Manager Setup Wizard
Clie	ent Computer Communication Settings
	Configuration Manager site system roles can accept HTTP or HTTPS communication from clients. Specify whether to require all site system roles to accept only HTTPS communication or allow the communication method to be configured on each site system role.
	C All site system roles accept only HTTPS communication from clients
	Configure the communication method on each site system role
	🗖 Clients will use HTTPS when they have a valid PKI certificate and HTTPS-enabled site roles are available
	Note: HTTPS communication requires client computers to have a valid PKI certificate for client authentication.
	< Previous Next > Cancel

Rollerin hangi sunucuda olacağını belirtiyorum.

le S	System Roles	
-1		
	Specify whether to have Setup install a management	t point or distribution point.
	A management point provides clients with policy an data from clients.	d content location information. It also receives configuration
	✓ Install a management point.	
	FQDN:	Client connection:
	SCOMP2	
	A distribution point contains source files for clients to bandwidth, throttling, and scheduling controls.	to download and lets you control content distribution by using
	A distribution point contains source files for clients t bandwidth, throttling, and scheduling controls. Install a distribution point. FQDN:	to download and lets you control content distribution by using Client connection:
	A distribution point contains source files for clients to bandwidth, throttling, and scheduling controls. Install a distribution point. FQDN: SCCMR2.arge.local	to download and lets you control content distribution by using Client connection:
	A distribution point contains source files for clients to bandwidth, throttling, and scheduling controls. Install a distribution point. FQDN: SCCMR2.arge.local The site server's computer account is used to install member of the local administrators group for the sp You can install additional site system roles from the Site system roles configured to use HTTPS must hav	Client connection:
	A distribution point contains source files for clients to bandwidth, throttling, and scheduling controls. Image: Install a distribution point. FQDN: SCCMR2.arge.local The site server's computer account is used to install member of the local administrators group for the sp You can install additional site system roles from the Site system roles configured to use HTTPS must hav	Client connection: Client connection: HTTP T the selected site system roles. Ensure that this account is a becified servers. Configuration Manager console after Setup finishes. re a valid PKI server certificate.

	System Center 2012 R2 Configuration Manager Setup Wizard
st	tomer Experience Improvement Program
	Do you want to join the Customer Experience Improvement Program (CEIP)?
	The program collects information about computer hardware and how you use Configuration Manager, without interrupting you. This helps Microsoft to improve Configuration Manager features. No information collected is used to identify or contact you.
	Read the CEIP privacy statement online
	Read the privacy statement online
	O Join the Customer Experience Improvement Program
	I don't want to join the program at this time
	< Previous Next > Cancel

ierarchy at a la
over both
uration Ma
te

Next 'e tıkladıktan sonra begin install diyerek kurulumu başlatıyorum.

System Center 2012 R2 Configuration Manager Setup	Wizard
Install	
Overall progress	
	Elapsed time: 00:00:31
C Evaluating setup environment	
View Log	
< Previous	Next > Cancel

Kurulumumuz tamamlanmış oluyor.

System Center 2012 R2 Configuration Manager Setup Wizard
Install
Core setup has completed
Elapsed time: 00:17:01
 Installing Site Control Manager Installing Hierarchy Manager Installing Inbox Manager Installing policy provider Installing management point control manager Setting up management point Installing boot image package Configuring data replication service Installing Configuration Manager console
 You can close the wizard now. For a list of tasks to help you configure your site, see <u>Post-Setup Configuration</u> <u>Tasks</u> in the Configuration Manager Documentation Library. View Log
< Previous Next > Close

Sccm console açıyoruz.



Kurulumumuz tamamlanmış.Sccm 2012 R2 kurulumunda sonra hotfix güncellemesini yapmanızı tavsiye ediyorum.Bu hotfix ile wds ile distribution point üzerindeki pxe rolünde meydana gelen bir çakışmayı düzeltmiş olacaksınız.

http://support.microsoft.com	<u>1/kb/2905002</u>	bu linkten ilgili hotfix i	indirebilirsiniz.
------------------------------	---------------------	----------------------------	-------------------

Software	e Update for System Center 2012 R2 Configuration Manager (KB2905002)
1.	Welcome to Setup for Software Update for System Center 2012 R2
Software	This wizard performs the steps necessary to install Software Update for System Center 2012 R2 Configuration Manager (KB2905002).
Update for	Before you proceed, you should read the <u>Deployment Guide</u> and review the <u>Privacy Statement</u> .
System Center 2012 R2 Configuration Manager	You can apply this update directly to the following: Central administration site Primary site (Standalone) Primary site (Hierarchy) Secondary site Provider Configuration Manager console
(KB2905002)	This update contains updates for the following: Central administration site Primary site (Standalone) Primary site (Hierarchy) Secondary site Provider Configuration Manager console Client
JABBER	The software updates in this update package apply to Windows operating systems only. You can download the latest clients for additional operating systems from the <u>Microsoft Download Center</u> .
	Next > Cancel

Next diyerek ilerliyoruz ve kurulumumuz başlıyor.

/	Installation Progress		
	Details:		
Softwara	Action	Status	Details
boltware	Stop services	Running	
Jpdate for	Install files for update KB2905002	Not started	
System	Copy update installation files.	Not started	
Contor 2012	Restart services	Not started	
	Apply Configuration Manager console update	Not started	
R2 Configuration	Create Software Update Catalog	Not started	
	Create console package	Not started	
Managor	Create x86 client package	Not started	
(where a second	Create x64 client package	Not started	
(KB2905002)	Create server package	Not started	
	<	m	
	8		View Log

Finish diyerek hotfix kurulumunu tamamlıyoruz.

	Application Tools Unerating System (L')
Software	e Update for System Center 2012 R2 Configuration Manager (KB2905002)
Software Update for System Center 2012 R2 Configuration Manager (KB2905002)	Installation Complete Setup successfully installed Software Update for System Center 2012 R2 Configuration Manager (KB2905002).
HARA	< Previous Finish Cancel

Sccm 2012 r2 kurulum ve konfigurasyonları tamamlamış oluyoruz.Bir dahaki makalede Kurulum sonrası yapılması gereken adımlardan bahsedeceğim.