بسمه تعالى

آموزش نصب و راه اندازی سرور SQL Server 2014

SQL سرور پیش نیاز نصب تقریبا تمامی سرویس های اصلی مایکروسافت شامل شیرپوینت، Skype for ،CRM و ... می باشد.

پیش نیازهای سخت افزاری:

رم: حداقل ۱ گیگابایت است ولی ۴ گیگ پیشنهاد ما می باشد.

سی پی یو: حداقل ۱٫۴ گیگاهرتز میباشد ولی پیشنهاد ما ۲ گیگاهرتز و بالاتر میباشد.

فضا: برای محیط آزمایشگاهی ۶۰ گیگ ولی برای محیط عملیاتی ۶۰ گیگ SSD برای سیستم عامل و نرم افزار به همراه ۵۰۰ گیگ برای دیتابیس ها

پیش نیازهای نرم افزاری:

سیستم عامل Windows Server 2012R2 به بعد

دات نت فریمورک ۳٫۵

مراحل نصب:

ابتدا فایل ISO ویندوز را به سیستم Mount کرده و در پاورشل با استفاده از دستور زیر NET 3.5. را نصب میکنیم.

dism /online /enable-feature /featurename:NetFX3 /all /Source:d:\sources\sxs /LimitAccess

دقت کنید در دستور فوق ISO ویندوز در درایو D قرار دارد.



حال مانند تصاویر زیر اقدام به نصب SQL سرور می نماییم:

髋 SQL Server Installation Center	– 🗆 X
Planning Installation Maintenance Tools Resources Advanced Options	Wat New SQL Server stand-alone installation or add features to an existing installation Launch a wizard to install SQL Server 2014 in a non-clustered environment or to add features to an existing SQL Server 2014 instance. Image: SQL Server failover cluster installation Launch a wizard to install a single-node SQL Server 2014 failover cluster. Image: SQL Server failover cluster installation Launch a wizard to install a single-node SQL Server 2014 failover cluster. Image: SQL Server failover cluster Launch a wizard to add a node to an existing SQL Server 2014 failover cluster. Image: SQL Server failover cluster Launch a wizard to upgrade SQL Server 2008, SQL Server 2008 R2 or SQL Server 2012 Launch a wizard to upgrade SQL Server 2005, SQL Server 2008, SQL Server 2008 R2 or SQL Server 2012 to SQL Server 2012 to SQL Server 2014.
Microsoft SQL Server 20	114
🐮 SQL Server 2014 Setup	X
Product Key Specify the edition of SQL Ser	ver 2014 to install.
Product Key License Terms Global Rules Microsoft Update Product Updates Install Setup Files Install Rules Setup Role Feature Selection Feature Rules Feature Configuration Rules Ready to Install Installation Progress Complete	Validate this instance of SQL Server 2014 by entering the 25-character key from the Microsoft certificate of authenticity or product packaging. You can also specify a free edition of SQL Server, such as Evaluation or Express. Evaluation has the largest set of SQL Server features, as documented in SQL Server Books Online, and is activated with a 180-day expiration. To upgrade from one edition to another, run the Edition Upgrade Wizard. Specify a free edition: Evaluation © Enter the product key: 27HMJ-GH7P9-X2TTB-WPHQC-RG79R v
	< Back Next > Cancel

📸 SQL Server 2014 Setup	_		×
License Terms			
To install SQL Server 2014, yo	ou must accept the Microsoft Software License Terms.		
Product Key	MICDOSOFT SOFTWARE I TOENSE TERMS		^
License Terms			-
Global Rules	MICROSOFT SQL SERVER 2014 ENTERPRISE SERVER/CAL EDITION		
Microsoft Update	These license terms are an agreement between Microsoft Corporation (or based on when	re vou	
Product Updates	live, one of its affiliates) and you. Please read them. They apply to the software named a	bove,	
Install Setup Files	which includes the media on which you received it, if any. The terms also apply to any Mi	crosoft	
Install Rules	updates,		~
Setup Role		a e	4
Feature Selection	Co	ру Р	rint
Feature Rules	✓ I accept the license terms.		
Feature Configuration Rules			
Ready to Install	Turn on Customer Experience Improvement Program ("CEIP") and Error Reporting to help imp	prove the	e
Installation Progress	quality, reliability and performance of Microsoft SQL Server 2014.		
Complete	See the Microsoft SQL Server 2014 Privacy Statement for more information.		
	* Microsoft SQL Server 2014 also includes a Visual Studio component that will have CEIP settings off by default. If Visual Studio is installed, this component will use the CEIP settings for Visual Stu	s turned Idio.	
	< Back Next >	Cancel	

در مرحله بعد یک هشدار فایروال به شما میدهد که برای استفاده از این سیستم در شبکه باید در فایروال سرور پورت ۱۴۳۳ را باز کنید.

📸 SQL Server 2014 Setup				-		×
Install Rules						
Setup rules identify potential can continue.	problem	s that might occur while running Setup. Failures must be correcte	d before Setup			
Product Key	Ope	ration completed. Passed: 6. Failed 0. Warning 1. Skipped 0.				
License Terms						
Global Rules						
Microsoft Update	Hic	de details <<			Re-	run
Product Updates	View	detailed report				
Install Setup Files						
Install Rules		Rule	Status			_
Setup Role		Fusion Active Template Library (ATL)	Passed			
Feature Selection		Previous releases of SQL Server 2008 Business Intelligence Devel	Passed			
Feature Rules		Consistency validation for SQL Server registry keys	Passed			
Feature Configuration Rules		Computer domain controller	Passed			
Ready to Install		Microsoft .NET Application Security	Passed			
Installation Progress		Windows Firewall	Warning			
Complete		Block install when Microsoft SQL Server 2014 CTP1 is present.	Passed			
		< Back Next >	Cancel		Help)

髋 SQL Server 2014 Setup		_		×		
Setup Role						
Click the SQL Server Feature In feature role to install a specific	stallation option to individually select which feature components to install, or click a configuration.					
Product Key	SQL Server Feature Installation					
License Terms Global Rules	Install SQL Server Database Engine Services, Analysis Services, Reporting Services, and other features.	Integratio	on Servic	es,		
Microsoft Update	○ SQL Server PowerPivot for SharePoint					
Product Updates Install Setup Files Install Rules	Install PowerPivot for SharePoint on a new or existing SharePoint server to support access in the farm. Optionally, add the SQL Server relational database engine to us database server.	PowerPi e as the	ivot data new farm	n's		
Setup Role	Add SQL Server Database Relational Engine Services to this installation.					
Feature Selection	○ All Features With Defaults					
Feature Rules Feature Configuration Rules	Install all features using default values for the service accounts.					
Ready to Install						
Installation Progress						
Complete						
	< Back Next > Cance		Help			

髋 SQL Server 2014 Setup		-		×			
Setup Role							
Click the SQL Server Feature In: feature role to install a specific	stallation option to individually select which feature components to install, or click a configuration.						
Product Key	SQL Server Feature Installation		_				
Global Rules	Install SQL Server Database Engine Services, Analysis Services, Reporting Services, Ir and other features.	ntegratio	on Servic	es,			
Microsoft Update	O SQL Server PowerPivot for SharePoint						
Product Updates	Install PowerPivot for SharePoint on a new or existing SharePoint server to support R	PowerPi	vot data				
Install Setup Files	access in the farm. Optionally, add the SQL Server relational database engine to use	as the i	new farm	ŕs			
Install Rules	uatabase server.						
Setup Role	Add SQL Server Database Relational Engine Services to this installation.						
Feature Selection	○ All Features With Defaults						
Feature Rules	Install all features using default values for the service accounts.						
Feature Configuration Rules							
Ready to Install							
Installation Progress							
Complete							
	< Back Next > Cancel		Help				

در این مرحله باید Feature هایی که نیاز هست را انتخاب می کنیم که در اینجا ما تمام Feature ها را انتخاب میکنیم.

📸 SQL Server 2014 Setup			_		×
Feature Selection					
Select the Enterprise features to	install.				
Product Key	Features:		Feature description:		
License Terms Global Rules Microsoft Update Product Updates Install Setup Files Install Rules Setup Role Feature Selection Feature Rules Instance Configuration	Instance Features Database Engine Services SQL Server Replication Full-Text and Semantic Extraction Analysis Services Reporting Services - Native Shared Features Reporting Services - SharePoint Reporting Services Add-in for Share Data Quality Client	ePoint Proc	The configuration and operation of e instance feature of a SQL Server instan isolated from other SQL Server instan Prerequisites for selected features: Already installed: Windows PowerShell 2.0 < Disk Space Requirements Drive C: 6028 MB required, 49220 MB	ach nce is ces. SQL 3 available	< >
Server Configuration Database Engine Configuration Analysis Services Configuration Reporting Services Configuration Distributed Replay Controller Distributed Replay Client	Select All Unselect All Instance root directory: C:\Prog Shared feature directory: C:\Prog Shared feature directory (x86): C:\Prog	ıram Files∖Mic ıram Files∖Mic ıram Files (x86)	rosoft SQL Server\ rosoft SQL Server\)\Microsoft SQL Server\		
		< Back	Next > Cancel	Help	

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در مرحله بعد یا از نام پیش فرض Instance استفاده می کنیم و یا در صورت وجود چند Instance با نام جدید یک Instance نصب میکنیم.

髋 SQL Server 2014 Setup						_		×
Instance Configuration Specify the name and instance ID for the instance of SQL Server. Instance ID becomes part of the installation path.								
Product Key License Terms	 Default instance Named instance: 		MSSQLSERVE	R				
Global Rules Microsoft Update Product Updates	Instance ID:		MSSQLSERVE	R				
Install Setup Files Install Rules Setup Role	SQL Server directory:		C:\Program F	iles\Microsoft SQL	Server\MSSQL12.MSSC		R	
Feature Selection Feature Rules Instance Configuration	Analysis Services directory: C:\Program Files\Microsoft SQL Server\MSRS12.MSSQL					LSERVER		
Server Configuration Database Engine Configuration Analysis Services Configuration	Instance Name	Instan	nce ID	Features	Edition	Ver	sion	
Reporting Services Configuration Distributed Replay Controller Distributed Replay Client								
				< Back	Vext > Cance	I	Help	

در این مرحله باید ابتدا یک کاربر به عنوان Service Account ایجاد کنید.

Service User چیست؟ یک کاربر عادی در اکتیودایرکتوری ایجاد کنید و گزینه Password Never Expire آن را فعال کنید و در سرور مورد نظر (در اینجا سرور (SQLآن کاربر را Local Administrator می کنیم.

بعد از ایجاد Service Account آن را به سرویس ها می دهیم و حالت استارت آپ همه را به صورت Automatic قرار

					ی دهیم
髋 SQL Server 2014 Setup				- 🗆	×
Server Configuration					
Specify the service accounts and o	collation configuration.				
Product Key	Service Accounts Collation				
License Terms	Microsoft recommends that you use	a constrate account for each			
Global Rules	interosore recommends that you use	a separate account for each	SQL Server service.		
Microsoft Update	Service	Account Name	Password	Startup Typ	e
Product Updates	SQL Server Agent	AKAMTECH\sql	•••••••••	Automatic	\sim
Install Setup Files	SQL Server Database Engine	AKAMTECH\sqI	•••••••••	Automatic	\sim
Install Rules	SQL Server Analysis Services	AKAMTECH\sqI	•••••••••	Automatic	\sim
Setup Role	SQL Server Reporting Services	AKAMTECH\sql	•••••••••	Automatic	\sim
Feature Selection	SQL Server Integration Services 12.0	AKAMTECH\sql	•••••••••	Automatic	\sim
Feature Rules	SQL Server Distributed Replay Client	AKAMTECH\sql	•••••••••	Automatic	\sim
Instance Configuration	SQL Server Distributed Replay Con	AKAMTECH\sql	••••••••	Automatic	\sim
Server Configuration	SQL Full-text Filter Daemon Launc	NT Service\MSSQLFDLa		Manual	
Database Engine Configuration	SQL Server Browser	NT AUTHORITY\LOCAL		Automatic	\sim
Analysis Services Configuration					
Reporting Services Configuration					
Distributed Replay Controller					
Distributed Replay Client					
		< Back Next 3	Cancel	н	elp

در مرحله بعد نوع احراز هویت را تعیین میکنیم که بهتر است از حالت Mixed Mode استفاده کنیم و یک کلمه عبور برای کاربر SA وارد میکنیم.

نکته: کاربر SA یک کاربر با بالاترین سطح دسترسی می باشد با نام کاربری SA و کلمه عبوری که در این مرحله وارد میکنیم.

📸 SQL Server 2014 Setup		_		×
Database Engine Config	guration tication security mode, administrators and data directories.			
Product Key	Server Configuration Data Directories FILESTREAM			
License Terms Global Rules Microsoft Update Product Updates Install Setup Files Install Rules Setup Role Feature Selection Feature Rules Instance Configuration Server Configuration	Authentication Mode O Windows authentication mode O Mixed Mode (SQL Server authentication and Windows authentication) Specify the password for the SQL Server system administrator (sa) account. Enter password: Confirm password: Confirm password: Specify SQL Server administrators AKAMTECH\administrator (Administrator) Science	2L Server		^
Database Engine Configuration Analysis Services Configuration Reporting Services Configuration Distributed Replay Controller Distributed Replay Client	Add Current User Add Remove	dministrators h nrestricted acce le Database Eng	ave ess to gine.	*
	< Back Next >	Cancel	Help	

در این مرحله Server Mode را به Tabular Mode تغییر داده و کاربرهایی که میخواهیم به بخش Analysis Service دسترسی داشته باشند را اضافه میکنیم.

			افه میکنیم.	نه باشند را اض	ىي داشت	دسترس
髋 SQL Server 2014 Setup				_		×
Analysis Services Confi Specify Analysis Services server	guration modes, administrators, a	and data directories.				
Product Key License Terms Global Rules Microsoft Update Product Updates Install Setup Files Install Rules Setup Role Feature Selection Feature Rules Instance Configuration Server Configuration Database Engine Configuration Analysis Services Configuration Reporting Services Configuration Distributed Replay Controller Distributed Replay Client	Server Configuration Server Mode: Multidimension Tabular Mode Specify which users AKAMTECH\admin	Data Directories al and Data Mining Mode s have administrative permissions for A nistrator (Administrator)	nalysis Services.	Analysis Servic administrators unrestricted ac Analysis Servic	es have cess to es.	
		< Back	Next >	Cancel	Help	

髋 SQL Server 2014 Setup	- 0	×
Reporting Services Co	nfiguration	
Specify the Reporting Services of	configuration mode.	
Product Key License Terms Global Rules Microsoft Update Product Updates Install Setup Files Install Rules Setup Role Feature Selection Feature Rules Instance Configuration Server Configuration Database Engine Configuration Analysis Services Configuration Reporting Services Configura Distributed Replay Controller	 Reporting Services Native Mode Install and configure. Installs and configures the report server in native mode. The report server is operational after setup completes. Install only. Installs the report server files. After installation, use Reporting Services Configuration Manage to configure the report server for native mode. Reporting Services SharePoint Integrated Mode Install only. <li< td=""><td>er</td></li<>	er
	< Back Next > Cancel H	lelp:

髋 SQL Server 2014 Setup		– 🗆 X
Distributed Replay Co	ntroller	
Specify Distributed Replay Cont	roller service access permissions.	
Product Key	Specify which users have permissions for the Distributed Replay Controller se	rvice.
License Terms	AKAMTECH\administrator (Administrator)	Users that have been
Global Rules		granted permission will have
Microsoft Update		unlimited access to the Distributed Replay
Product Updates		Controller service.
Install Setup Files		
Install Rules		
Setup Role		
Feature Selection		
Feature Rules		
Instance Configuration		
Server Configuration		
Database Engine Configuration		
Analysis Services Configuration		
Reporting Services Configuration		
Distributed Replay Controller		
Distributed Replay Client	Add Current User Add Remove	
	< Back Next >	Cancel Help

髋 SQL Server 2014 Setup					_		×
Distributed Replay Client							
Specify the corresponding controller and data directories for the Distributed Replay Client.							
Product Key License Terms	Specify controller ma	achine name and d	irectory locations	5.			
Global Rules Microsoft Update	Controller Name: Working Directory:	C:\Program Files (x86)\Microsoft SQL Server\DReplayClient\WorkingDir\					
Product Updates Install Setup Files	Result Directory:	C:\Program Files (x86)\Microsoft SQL Server\DReplayClient\ResultDir\					
Install Rules							
Feature Selection							
Feature Rules Instance Configuration							
Server Configuration Database Engine Configuration							
Analysis Services Configuration							
Reporting Services Configuration							
Distributed Replay Client							
			< Back	Next >	Cancel	Help	b

در این مرحله خلاصه ای از تنظیمات را نشان می دهد که با کلیک روی Install شروع به نصب می نماید.



در این مرحله نصب با موفقیت انجام شده و با استفاده از Management Studio میتوانید به سرور SQL وصل شده و صحت نصب را آزمایش نمایید.



مشاهده می کنید که سرور SQL با موفقیت نصب شد.

موفق باشید ایساتیس سرور

بازنشر از سایت: آکامی ها