آموزش نصب SQL Server 2008R2

نسخه: ۱۳۹۵/۰۱/۱۴

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شرکت فرآیند سازان صنعت محور

1 SQL Server Installation Center				×
SQL Server Installation Center Planning Installation Installation Maintenance Tools Resources Advanced Options	New installation or add features to an existi Launch a wizard to install SQL Server 2008 F non-clustered environment or to add featu existing SQL Server 2008 R2 instance. Upgrade from SQL Server 2000, SQL Server Server 2008 Launch a wizard to upgrade SQL Server 2008 2005 or SQL Server 2008 to SQL Server 2008 Search for product updates Search Microsoft Update for SQL Server 2000 updates.	ng in: 22 in a res to 2005 (0, SQI R2.	an or SQL	ion. -
SQL Server: 2008 R2				

1 SQL Server Installation Center	
SQL Server Installation Center Planning Installation Maintenance Tools Resources Advanced Options	New installation or add features to an existing installation. Launch a wizard to install SQL Server 2008 R2 in a non-clustered environment or to add features to an existing SQL Server 2008 R2 instance. Upgrade from SQL Server 2000, SQL Server 2005 or SQL Server 2008 Launch a wizard to upgrade SQL Server 2000, SQL Server 2005 or SQL Server 2008 to SQL Server 2008 R2. Search for product updates Search Microsoft Update for SQL Server 2008 R2 product updates.
SQL Server 2008 R2	

t	SQL	Server	2008	R2	Setup	
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License Terms

To install SQL Server 2008 R2, you must accept the Microsoft Software License Terms.

License Terms Setup Support Files	MICROSOFT SOFTWARE LICENSE TERMS
Setup Support files	MICROSOFT SQL SERVER 2008 R2 EXPRESS WITH TOOLS
	MICROSOFT SQL SERVER 2008 R2 EXPRESS WITH ADVANCED SERVICES
	These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affiliates) and you. Please read them. They apply to the software named above, which includes the media on which you received it, if any. The terms also apply to any Microsoft
	• updates,
	supplements,
	Internet-based services, and
	Copy Print
	▼ I accept the license terms.
	Send feature usage data to Microsoft. Feature usage data includes information about your hardware configuration and how you use SQL Server and its components.
	See the SQL Server 2008 R2 Privacy Statement for more information.
	< Back Next > Cancel

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Feature Selection

Select the Express with Advanced Services features to install.

Setup Support Rules	Features:		Description:
Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Reporting Services Configuration Error Reporting	Instance Features Database Engine Services SQL Server Replication Full-Text Search Reporting Services Shared Features Business Intelligence Deve Management Tools - Basi SQL Client Connectivity S	elopment Studio c DK	Server features are instance-aware and have their own registry hives. They support multiple instances on a computer
Installation Configuration Rules Installation Progress Complete	Microsoft Sync Framewor Redistributable Features	k	
	Select All Unselect All Shared feature directory:	C:\Program Files (x86)	\Microoft SQL Server\
		< Back	Next > Cancel Help

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Instance Configuration

Specify the name and instance ID for the instance of SQL Server. Instance ID becomes part of the installation path.

Setup Support Rules 🗾 📩	 Default instance 			
Feature Selection	Named instance:	SQLExpress		
Installation Rules				[
Instance Configuration				
Disk Space Requirements	Instance ID:	MSSQLSERVER		
Server Configuration			6.001.0 N	
Database Engine Configuration	Instance root directory:	C:\Program Files (x86)\Micro	osoft SQL Server\	
Reporting Services Configuration				
Error Reporting	SQL Server directory:	C:\Program Files (x86)\Micro	osoft SOL	
Installation Configuration Rules		Server\MSSQL10_50.MSSQLSERVER		
Installation Progress	Reporting Services directory:	C:\Program Files (x86)\Micro	osoft SQL Server\MSRS1	L0_50.MSSQLSERVER
Complete				
	Installed instances:			
	Instance Name Instan	ce ID Features	Edition	Version
			Û	
		< Back	Next > Cance	el Help

Server Configuration

Specify the service accounts and collation configuration.

Setup Support Rules	Service Accounts Collation				
Feature Selection					
Installation Rules	Microsoft recommends that you u	se a separate account for ea	ch SQL Server se	rvice.	
Instance Configuration	Service	Account Name	Password	Startup Type	2
Disk Space Requirements	SQL Server Database Engine	NT AUTHORITY\NETW		Automatic	•
Server Configuration	SQL Server Reporting Services	NT AUTHORITY\NETW		Automatic	•
Database Engine Configuration	SQL Full-text Filter Daemon Laun.	NT AUTHORITY\LOCA		Manual	
Reporting Services Configuration	SQL Server Browser	NT AUTHORITY\LOCA		Disabled	•
Error Reporting			·		
Installation Configuration Rules					
Installation Progress		Use the same	account for all S	SQL Server servic	es
Complete					
		< Back Next :	Canc	el He	lp

Use the same accou	unt for all SQL Server 2008 R2 services	a and an only
Specify a user na	me and password for all SQL Server service accounts.	
Account Name:	NT AUTHORITY\NETWORK SERVICE	Browse
		OK Cancel

📸 SQL Server 2008 R2 Setup		
Server Configuration Specify the service accounts and c	ollation configuration.	
Setup Support Rules Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Reporting Services Configuration Error Reporting Installation Configuration Rules Installation Progress Complete	Service Accounts Collation Database Engine: Arabic_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	Customize
	< Back Next > Cancel	Help

Customize the SQL Server 2	008 R2 Database Engine Collation	
Select the collation you v	vould like to use:	
Windows collation de	signator and sort order	
Collation decignate	Persian_100	-
Binary	Hungarian_Technical Icelandic 100	
Case-sensitive	Icelandic Japanese_90	
Accent-sensitive	Japanese Japanese_Bushu_Kakusu_100	
SQL collation, used for		
SQL_1xCompat_CP850_C SQL_AltDiction_CP850_C	Kazakh_100	
SQL_AltDiction_CP850_C SQL_AltDiction_CP850_C SQL_AltDiction_CP850_C	TKorean_100	1
SQL_AltDiction_CP850_C	Korean_Wansung Latin1_General_100	-
Collation description:	Latin1_General Latvian_100	
Latin1-General, case-ins	Latvian	=h
Data, SQL Server Sort Or	Clithuanian Macedonian_FYROM_100	
	Macedonian_FYROM_90	
	Maltese_100 Maori_100	
	– Mapudungan_100 Modern_Spanish_100	
	Modern_Spanish Norwegian_100	el
₽	Persian_100	
	Polish_100 Polish	-

Customize the SQL Server 2008 R2 Database Engine Collation					
Select the collation you w	ould like to use:				
Windows collation des	ignator and sort order				
Collation designator:	Persian_100 🔹				
🔲 Binary	Binary-code point				
Case-sensitive	Kana-sensitive				
Accent-sensitive	Width-sensitive				
SQL collation, used for	SQL collation, used for backwards compatibility				
SQL_1xCompat_CP850_CI_AS SQL_AltDiction_CP850_CI_AI SQL_AltDiction_CP850_CI_AS SQL_AltDiction_CP850_CS_AS SQL_AltDiction_Pref_CP850_CI_AS					
Collation description:					
Latin1-General, case-insensitive, accent-sensitive, kanatype-insensitive, width-insensitive for Unicode Data, SQL Server Sort Order 49 on Code Page 850 for non-Unicode Data					
	OK Cancel				

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Server Configuration

Specify the service accounts and collation configuration.

Setup Support Rules	Service Accounts Collation		
Feature Selection			
Installation Rules	Database Engine:		
Instance Configuration	Persian_100_CI_AS Customize		
Disk Space Requirements	Persian-100, case-insensitive, accent-sensitive, kanatype-insensitive, width-		
Server Configuration	insensitive		
Database Engine Configuration			
Reporting Services Configuration			
Error Reporting			
Installation Configuration Rules			
Installation Progress			
Complete			
	V		
	< Back Next > Cancel Help		

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Database Engine Configuration

Specify Database Engine authentication security mode, administrators and data directories.

Setup Support Rules	Account Provisioning Data Directories			
Feature Selection	Specify the authentication mode and administrators for the Database Er	naine.		
Installation Rules	opecity the addictication mode and administrations for the batabase engine.			
Instance Configuration	Authentication Mode			
Disk Space Requirements	Windows authentication mode			
Server Configuration	Mixed Mode (SQL Server authentication and Windows authentication	0		
Database Engine Configuration	 Mixed Mode (SQE Server addictification and Windows addictification 	''		
Reporting Services Configuration	Specify the password for the SQL Server system administrator (sa) account	int		
Error Reporting	Enter password: ••••••••• farayan	dsazan		
Installation Configuration Rules	Confirm password:	deazan		
Installation Progress	Confirm password:	usazali		
Complete	Specify SQL Server administrators			
	David-PC\David (David)	SQL Server		
		administrators have		
		unrestricted access to the Database Engine.		
		the Database Engine.		
	Add Current User Add Remove			
	< Back Next >	Cancel Help		

Reporting Services Configuration

Specify the Reporting Services configuration mode.

Setup Support Rules Install the native mode default configuration. Feature Selection Installation Rules Setup will install the report server and configure it in Native mode to use the default values. The report server is usable as soon as Setup is finished. Instance Configuration Disk Space Requirements Install the SharePoint integrated mode default configuration. Server Configuration **Database Engine Configuration** Setup will create the report server database in SharePoint integrated mode and configure the report server to use the default values. However, integrated operations will not be supported until Reporting Services Configuration a minimal installation of a SharePoint product or technology is deployed on the report server Error Reporting computer and the Reporting Services Add-in for SharePoint Technologies is installed and configured on the instance of the SharePoint product or technology you are using. Installation Configuration Rules Installation Progress Install, but do not configure the report server. Complete Setup will install, but will not configure, the report server software. After installation is finished, you can use the Reporting Services Configuration tool to set options that are required to run the report server. < Back Next > Cancel Help

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Error Reporting

Help Microsoft improve SQL Server features and services.

Setup Support Rules Feature Selection Installation Rules Instance Configuration	Specify the information that you would like to automatically send to Microsoft to improve future releases of SQL Server. These settings are optional. Microsoft treats this information as confidential. Microsoft may provide updates through Microsoft Update to modify feature usage data. These updates might be downloaded and installed on your machine automatically, depending on your Automatic Update settings.
Disk Space Requirements	
Server Configuration Database Engine Configuration	See the SQL Server 2008 R2 Privacy Statement for more information.
Reporting Services Configuration	Read more about Microsoft Update and Automatic Update.
Error Reporting	
Installation Configuration Rules	Send Windows and SQL Server Error Reports to Microsoft or your corporate report server. This
Installation Progress	setting only applies to services that run without user interaction.
Complete	
	< Back Next > Cancel Help

📸 SQL Server 2008 R2 Setup

Installation Progress

Setup Support Rules Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Reporting Services Configuration Error Reporting Installation Configuration Rules Installation Progress Complete	Creating servicing cache folder. لطفاً صبر نمایید
	Next > Cancel Help

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Complete

Your SQL Server 2008 R2 installation completed successfully.

Setup Support Rules Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Reporting Services Configuration Error Reporting Installation Configuration Rules Installation Progress	Summary log file has been saved to the following location: C:\Program Files (x86)\Microsoft SQL Server\100\Setup Bootstrap\Log\20160329 164113 \Summary David-PC 20160329 164113.txt Information about the Setup operation or possible next steps: Your SQL Server 2008 R2 installation completed successfully.
Complete	Supplemental Information: The following notes apply to this release of SQL Server only. Microsoft Update For information about how to use Microsoft Update to identify updates for SQL Server 2008 R2, see the Microsoft Update Web site at http://go.microsoft.com/fwlink/?LinkId=108409. Samples Close Help

آموزش ساخت IDGEN



آموزش AutoDBRestore2008

₿.	Database Restore – 🗆 🗙			
–DataBase Info –		Options		
Server:	localhost	Overwrite		
Database:	fssdb 1	Replication		
	Windows Authentication	Recovery		
Username:	sa	Original File Names		
Password:	farayandsazan 2	Database	🔵 File	
Files				
Restore Path:	C: \FSSM		3	
Backup File:	C:\FSSM\Application\fssdb.bak		4	
5 Restore €				

آموزش Patch Installer

9	ىرم افزار نصب پچ فرآيند سازان	; – – <mark>×</mark>
server name : localho	ost	ارتباط با بانک اطلاعات
Login : sa		
1 Password : *****	farayandsazan	
2 6	ایجاد ارتباط با سرور 🔷	
		مسير خواندن فايل patch
4 File Path : C:\FSSN	1\Application\Patch	
_		محل نصب patch
5 EXE : C:\FSSM	1\Application	
3 DataBase : fssdb		
		محل ایجاد فابل لاگ
6 File Path : D:\Pato	h	
Version : 2-10-0-1 Patch : 10		انصراف 🎝

چنانچه در زمان اجرای برنامه در محیط شبکه (نه در سرور) با خطای Named Pipe و Timed Out مواجه شدید و حتی از صحت کارکرد Named Pipe بعنوان سرویس فعال اطمینان حاصل کردید و همچنان این خطا وجود داشت، می بایست به سمت فایروال نصب شده بر روی سرور رفته و چک گردد که پورت ۱۳۲۶ در Exception اضافه گردیده است یا خیر. چنانچه Exception در ۶۲۳۱ حاصل کردید و همچنان این خطا وجود داشت، می بایست به سمت فایروال نصب شده بر روی سرور رفته و چک گردد که پورت ۶۲۳۱ در Exception اضافه گردیده است یا خیر. چنانچه اجازه اجرای برنامه در محیطی بیرون از سرور بر روی دیگر کامپیوترها را بدهد. (پیشنهاد می گردد برای جلوگیری از خطاهای احتمالی فایروال را خاموش نمائید!) به طور پیش فرض امکان اضافه کردن این پورت در فایروال ویندوز ۷ در تصاویر زیر توضیح داده شده است:

			- 0 x
\odot	Control Panel 🕨	👻 🍕 firewa	×
	Windows Firewall Allow a pr Windows Firewall Check fire Set firewall security options to help Action C and malicious software. Check security status		

Control Panel Home	Help protect your computer with W	indows Firewall
Allow a program or feature through Windows Firewall	Windows Firewall can help prevent hackers or through the Internet or a network.	malicious software from gaining access to your comput
🚱 Change notification settings	How does a firewall help protect my computer	7
Turn Windows Firewall on or off	What are network locations?	
ाग P Restore defaults	🖉 🥑 Home or work (private) net	works Connected ૯
Advanced settings	Networks at home or work where you know a	and trust the people and devices on the network
Troubleshoot my network	Windows Firewall state:	On
	Incoming connections:	Block all connections to programs that are not on the list of allowed programs
	Active home or work (private) networks:	
	Notification state:	Notify me when Windows Firewall blocks a new program
	Public networks	Not Connected 🔕
See also		
Action Center		
Network and Sharing Center		

le Action View Help						
🛚 🔿 📰 🗟 🛛 🗊 Windows Firewall with Advange	Outbound Rules		_	_	_	Actions
Inbound Rules	Name	Group	Profile	Enabled	Action	Outbound Rules
Connection Security Rules	 BranchCache Content Retrieval (HTTP-O BranchCache Hosted Cache Client (HTT BranchCache Hosted Cache Server(HTTP BranchCache Peer Discovery (WSD-Out) Connect to a Network Projector (TCP-Out) Connect to a Network Projector (TCP-Out) 	BranchCache - Hosted Cach BranchCache - Hosted Cach BranchCache - Peer Discove Connect to a Network Proje	All All	No No No No No	Allow Allow Allow Allow Allow Allow	 New Rule Filter by Profile Filter by State Filter by Group
	Connect to a Network Projector (VCP-Out) Connect to a Network Projector (WSD Ev Connect to a Network Projector (WSD Ev	Connect to a Network Proje Connect to a Network Proje	Domain Domain Private Private	No No No	Allow Allow Allow	View Refresh Export List
	Connect to a Network Projector (WSD Ev Connect to a Network Projector (WSD-O Core Networking - DNS (UDP-Out)	Connect to a Network Proje Core Networking	Domain All All	No No Yes	Allow Allow Allow Allow	P Help
	 Core Networking - Dynamic Host Config Core Networking - Dynamic Host Config Core Networking - Group Policy (LSASS Core Networking - Group Policy (NP-Out) 	Core Networking Core Networking	All All Domain	Yes Yes Yes Yes	Allow Allow Allow	
	Ore Networking - Group Policy (TCP-O Core Networking - Internet Group Mana	Core Networking Core Networking	Domain Domain All	Yes Yes	Allow Allow	
	Core Networking - IPHTTPS (TCP-Out) Core Networking - IPv6 (IPv6-Out) Core Networking - Multicast Listener Do	72	All All All	Yes Yes Yes	Allow Allow Allow	
	 Core Networking - Multicast Listener Qu Core Networking - Multicast Listener Rep Core Networking - Multicast Listener Rep 	Core Networking Core Networking	All All All	Yes Yes Yes	Allow Allow Allow	
	 Core Networking - Neighbor Discovery A Core Networking - Neighbor Discovery S Core Networking - Packet Too Big (ICMP 	Core Networking	All All All	Yes Yes Yes	Allow Allow Allow	
m	Ore Networking - Parameter Problem (I O Core Networking - Router Advertisement	and the second filled and we also and	All	Yes Yes	Allow -	-

Vindows Firewall with Advanc	ed Security		
New Outbound Rule Wiza	ard		
Rule Type			
Select the type of firewall rule to	create.		Actions
Steps:		Action 🔺	Outbound Rules
 Rule Type 	What type of rule would you like to create?	Allow	New Rule
 Protocol and Ports 		Allow E	Filter by Profile
Action	Program	Allow	🕎 Filter by State
Profile	Rule that controls connections for a program.	Allow	🕎 Filter by Group
	Port	Allow	View
Name	Rule that controls connections for a TCP or UDP port.	Allow	a Refresh
		Allow	Export List
	© Predefined:	Allow	
	BranchCache - Content Retrieval (Uses HTTP)	Allow	R Help
	Rule that controls connections for a Windows experience.	Allow	
	Custom	Allow	
	Custom rule.	Allow	
		Allow	
	Learn more about rule types	Allow	
	П	Allow	
	V	Allow	
	< Back Next > Cance		
		Allow	
		es Allow	
		es Allow	
		es Allow	
m	Core Networking - Router Advertisement Core Networking All Y	es Allow	

Windows Firewall with Advan	nced Security		
F 🔗 New Outbound Rule Wiz	zard		
Protocol and Ports			
Specify the protocols and ports	s to which this rule applies.		Actions
Steps:		Action ^	Outbound Rules
Rule Type	Does this rule apply to TCP or UDP?	Allow	New Rule
Protocol and Ports	TCP	Allow =	Filter by Profile
 Action 	O UDP	Allow	Filter by State
Profile		Allow	Tilter by Group
Name	Does this rule apply to all remote ports or specific remote ports?	Allow	View
		Allow	Refresh
	 All remote ports Specific remote ports: 1326 	Allow	Export List
	Example: 80, 443, 5000-5010	Allow	I Help
		Allow	
	Learn more about protocol and ports	Allow	
	л	Allow	
		Allow	
	< Back Next > Cance		
		Allow	
		es Allow	
		res Allow res Allow	
		es Allow Tes Allow	
< III	• • •	•	

Prew Outbound Rule Wiz	ard		
Action Specify the action to be taken v	when a connection matches the conditions specified in the rule.		Actions
Steps: Protocol and Ports Action Profile Name	<text><text><text><text><text><text><text></text></text></text></text></text></text></text>	Action Allow	Outbound Rules New Rule Filter by Profile Filter by State Filter by Group View Refresh Export List Help
m	Core Networking - Neighbor Discovery S Core Networking All Yes Core Networking - Packet Too Big (ICMP Core Networking All Yes Core Networking - Parameter Problem (I Core Networking All Yes Core Networking - Parameter Problem (I Core Networking All Yes Core Networking - Router Advertisement Core Networking All Yes III III III Yes III	Allow Allow Allow Allow	

New Outbound Rule Wiz Profile	ara		
Specify the profiles for which thi	is rule applies		Actions
		Action ^	
Steps: Rule Type Protocol and Ports Action Profile Name	When does this rule apply? Pomain Applies when a computer is connected to its corporate domain. Private Applies when a computer is connected to a private network location. Public Applies when a computer is connected to a public network location. Lear more about profiles	Atton Allow	 New Rule Filter by Profile Filter by State Filter by Group View Refresh Export List Help
m	Operation Operation <t< td=""><td>Allow Allow es Allow es Allow es Allow es Allow</td><td></td></t<>	Allow Allow es Allow es Allow es Allow es Allow	



آموزش تنظیم مدیریت حافظه (رم) در SQL Server 2008 R2

برای تنظیم مقدار حافظه پیش فرض استفاده شده سرور در SQL Server می بایست طبق شکل اقدام گردد::

		Microsoft SQL Server Management Studio	- 🗖 💌
File Edit View Debug Tools W			
일 New Query 눩 📸 📸 🌇 🗎) 🚰 🗔 🔿 🕮 🕫		
	ΨX		
Connect 🕶 📑 📑 📲 🝸 🛃 😹			
 □ (local) (SQL Server 10.50.1600 - □ Databases □ Security □ Server Objects □ Replication 	Connect Disconnect Register New Query		
🕀 🧰 Management			
📆 SQL Server Agent (Agent XF	Activity Monitor		
	Start Stop Pause Resume Restart		
	Deploy Data-tier Application		
	Policies Facets		
	Start PowerShell		
	Reports		
	Refresh		
	Properties		
	>		

پس از کلیک بر روی Properties طبق شکل بعدی اقدام گردد:



Maximum server memon را با توجه به جدول زیر تنظیم نمائید:	حال مقدار (in MB) ory
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مقداری که باید در SQL Server تنظیم گردد	مقدار رم سرور
7GB=7168MB	8 GB=8192MB
5GB=5120MB	6 GB=6144MB
3GB=3072MB	4 GB=4096MB
1GB=1024MB u 1.5GB=1536MB	2 GB=2048MB



اگر چنانچه در زمان نصب SQL Server 2008 R2 با خطاهای مشابه دو تصویر آخر مواجه شدید حتماً چک نمائید که اگر MSXML6 بر روی سیستمتان نصب شده ابتدا آن را حذف نمائید و سپس از نصب صحیح dotNet Framework بر روی سیستمتان اطمینان حاصل نمائید.

Installation Progress

Setup Support Rules Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Error Reporting Installation Configuration Rules Installation Progress Complete	SqlEngineDBStartConfigAction_install_configrc_Cpu32
Complete	
	The following error has occurred: Wait on the Database Engine recovery handle failed. Check the SQL Server error log for potential causes.
	Next > Cancel Help

این دو خطا بیشتر در ویندوزهای دستکاری شده پیش می ایند و بر روی ویندوزهای اوریجینال مایکرسافت چنین خطاهایی وجود نخواهند داشت!

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5K26公共的复数距离997-1