Installing MQA on Windows 2012 Server

Sunday, November 17, 2013 11:40 AM

Before doing anything, one MUST get .Net 3.5 Frame enabled. To do this one must have Install Media in drive D: and run the following command form the Power Shell in "Administrator" Mode:

PS C:\Windows\system32> dism.exe ,	/online	/enable-feature /	'all	/featurename:NetFX3	/Source:D:\so	ources\s	XS
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Deployment Image Servicing and Management tool Version: 6.2.9200.16384

Image Version: 6.2.9200.16384

Enabling feature(s) The operation completed successfully.

Next Add "Web Server (IIS) Role and all the Application Development setting as shown below.

B	Add Roles and Features Wizard	_ D X
Confirmation Results	Add Roles and Features Wizard Select one or more roles to install on the selected server. Roles Active Directory Rights Management Services Application Server DHCP Server DNS Server Fax Server File And Storage Services (Installed) Hyper-V Network Policy and Access Services	DESTINATION SERVER WIN-0545HC10489 Description Web Server (IIS) provides a reliable, manageable, and scalable Web application infrastructure.
	Network Policy and Access Services Print and Document Services Remote Access Remote Desktop Services Volume Activation Services Web Server (IIS) Windows Deployment Services Windows Server Update Services Next >	Install Cancel

a	Add Roles and Features Wizard	
Select role service	es	DESTINATION SERVER WIN-0545HC10489
Before You Begin	Select the role services to install for Web Server (IIS)	
Installation Type	Role services	Description
Server Selection		IIS8 and ASP.NET 4.5 support writing
Server Roles	WebDAV Publishing	server applications that communicate over
Features		the WebSocket Protocol.
Web Server Role (IIS)	Custom Logging	
Role Services	Logging Tools	
Confirmation	ODBC Logging	
Results	Request Monitor	
nesenes	Tracing	
	⊿ ✓ Performance	
	Static Content Compression	
	Dynamic Content Compression	
	∠ ✓ Security	
	Request Filtering	
	Basic Authentication Centralized SSL Certificate Support	
	Digest Authentication	
	□ IIS Client Certificate Mapping Authentication ■	
	□ IP and Domain Restrictions	
	URL Authorization	
	✓ Windows Authentication	
	▲ ✔ Application Development	
	✓ .NET Extensibility 3.5	
	✓ .NET Extensibility 4.5	
	Application Initialization	
	ASP	
	ASP.NET 3.5	
	✓ ISAPI Extensions	
	✓ ISAPI Filters	
	Server Side Includes	
	WebSocket Protocol	
	⊿ □ FTP Server	
	FTP Service V	
	< Previous	Next > Install Cancel

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a	Add Roles and Features Wizard		x
Confirm installation	on selections	IATION SERV -054SHC1O4	/ER 489
🛕 Do you need to specify an	alternate source path? One or more installation selections are missing source files on the destination server	. The	×
Before You Begin	To install the following roles, role services, or features on selected server, click Install.		
Installation Type	Restart the destination server automatically if required		
Server Selection	Optional features (such as administration tools) might be displayed on this page because they have bee	n selected	
Server Roles	automatically. If you do not want to install these optional features, click Previous to clear their check box	(es.	
Features	.NET Framework 3.5 Features		
Web Server Role (IIS)	.NET Framework 3.5 (includes .NET 2.0 and 3.0)		
Role Services	.NET Framework 4.5 Features		
Confirmation	ASP.NET 4.5		
Results	Web Server (IIS)		
	Management Tools		
	Web Server		
	Application Development		
	ASP		
	ASP.NET 3.5		
	ASP.NET 4.5		
	ISAPI Extensions		
	ISAPI Filters		
	.NET Extensibility 3.5		
	.NET Extensibility 4.5		
	Default Document		
	Directory Browsing		
	HTTP Errors		
	Static Content		
	Health and Diagnostics		
	HTTP Logging		
	Performance		
	Dynamic Content Compression		
	Static Content Compression		
	Security		
	Bequest Filtering		
	Windows Authentication		
	Export configuration settings Specify an alternate source path		
	< Previous Next > Install	Cance	4

It is best to install SQL Express 2012 including the Management Console, The following are the install screen shots:

1	SQL Server 2012 Setup	_ D X
Feature Selection Select the Express features to in	stall.	
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	Features: Instance Features SQL Server Replication Full-Text and Semantic Extractions for Search Reporting Services - Native Shared Features SQL Server Data Tools Occumentation Components Management Tools - Basic SQL Client Connectivity SDK CocaIDB Redistributable Features	Feature description: LocalDB is a lightweight version of the SQL Server Express Database Engine that has the same programmability features, yet starts on demand and runs in user mode. 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 <
	Select All Unselect All Shared feature directory: C:\Program Files\Micros Shared feature directory (x86): C:\Program Files (x86)\M	oft SQL Server\
	< Back	Next > Cancel Help

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1	SQL Se	erver 2012 Setup		_ D X	
Instance Configuration Specify the name and instance	ID for the instance of SQL Serve	er. Instance ID becomes part	t of the installation path.		
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	 Default instance Named instance: 	SQLExpress			
	Instance ID: Instance root directory:	SQLEXPRESS C:\Program Files\Microsoft SQL Server\			
	SQL Server directory: Reporting Services directory: Installed instances:	C:\Program Files\Microsof	ft SQL Server\MSSQL11.SQLEX	VPRESS PRESS	
		le ib Fealures	Eatton	version	
		< Back	Next > Cance	el Help	

Make sure you select Mixed Mode, and assign a PW for the "sa" user.

1	S	QL Server 2012	Setup			- 1	x
Database Engine Config Specify Database Engine authent	uration	administrators and	data directories				
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	Server Configuration Specify the authenti Authentication Mod O Windows authen O Mixed Mode (SQ Specify the password Enter password: Confirm password: Specify SQL Server a WIN-054SHC10489 Add Current User	Data Directories ication mode and a le tication mode L Server authentica d for the SQL Server •••••••• •••••••• ••••••• ••••••• ••••••• ••••••• ••••••• ••••••• •dministrators VMQA_2012 (MQA Add Restart	User Instances administrators fo ation and Windo er system admini 2012)	FILESTREAM or the Database Er ws authentication istrator (sa) accou	ngine.	administr tricted acc base Engi	ators iess ne.
			< Back	Next >	Cancel	Н	elp

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Make sure you select "Mixed Mode" and assign a password to be used for user "sa"

The following is for folks installing a new MQATTACH DB

Run Package		
This executable will create a new database. Please choose the server and database you would like to create.		
Select Database		
Server localhost\SQLEXPRESS		
C Windows authentication © SQL Server authentication		
User name sa		
Password *******		
C Upgrade an existing database		
Make a database Advanced		
Database MQAttach		
Run Cancel		

#	MQAServer Setup
SQL Database Configure SQL	Connection
Server:	localhost\SQLExpress
Database:	MQATTACH
● SQL S Username:	erver Authentication O Windows Authentication
Password:	•••••
Advanced Installer	< Back Next > Cancel

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