

PowerScribe[®] 360 Reporting

Windows Server 2012 Installation and Configuration Manual



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Table of Contents

Table of Contents	iv
Introduction	1-1
Considerations for Successful Implementations of VMware Environments for Po	werScribe2-1
Server Clustering.	
Server Setup	2-4
.NET Framework	
Validate Hardware	
Install Windows	
Microsoft Windows Updates	
Install/Configure Server Roles and Services	
Role Installation	
Install Message Queuing Features Setup Purge Process to Delete Old IIS Log Files	

Introduction

This manual provides instruction and setup information for Sites to install the Windows 2012 Server operating system for the Diagnostics PowerScribe 360 Reporting solution.

Considerations for Successful Implementations of VMware Environments for PowerScribe

The following is a list of best practices to ensure that the PowerScribe software remains stable in a virtual environment.

It is the site's responsibility to set up and properly configure the VM environment. Failure to follow the recommendations may cause performance issues and end-user dissatisfaction.

Each site is also responsible for maintaining the VM environment including patches and firmware updates.

Virtual Environment Recommendations

- Turn off VMware snapshots. Automated snapshots as part of a backup strategy, via the VMware Consolidated Backup or VMware Data Recovery applications can impact performance.
- Turn off VMotion. This is used as part of a load balancing option to make sure that all servers are running optimally. The problem with this is that on the final switchover, connections will be unavailable to the server, and this can cause the application servers to lose connection with the database.
- Make sure that all firmware and driver updates are installed and kept up to date on the host platform. Patches are constantly being released to address the issue of virtualized connection issues with MSSQL systems by both hardware and software vendors.
- Ensure all Windows updates are appropriately applied within each guess platform Operating System.
- Move the virtual SQL server to the same host as the Web, Interface and SUS.
- Make sure that the VMware Tools are up to date on guest operating systems.
- Make sure that the ESX/VSphere hosts are up to date with a regular patch schedule.
- NIC settings by default in WIN 2003 & 2008, NICs are configured to hibernate which enables device to be powered down this feature needs to be turned off.
- Anti-Virus settings: Exclusions will need to be set, as they can cause extra delays
- If firewall zoning is setup on the network, the app servers and the SQL servers need to be in the same zone.
- Ensure that the SAN is not overloaded when nightly backups run, so that it can still handle normal operational traffic.
- If utilizing memory overcommit in VSphere, calculate any server running SQL at 1:1 as well as the Web server, and the Recognition server if running a separate SQL server.

- Ensure that the SAN is not overloaded when nightly backups run, so that it can still handle normal operational traffic.
- If utilizing memory overcommit in VSphere, calculate any server running SQL at 1:1 as well as the Web server, and the Recognition server if running a separate SQL server.
- Any SQL server, Web server, and Recognition server will need a minimum of 320MB/s disk speed on the SAN connection. Anything less will cause latency issues, and cause server instability.
- Configure backup schedule for database dumps to not occur while the databases are running a full backup.
- Failover on the NICs needs to be turned off. When random failovers between NICs occur, it can cause a SQL disconnect. NIC settings with a teamed NIC, make sure that the team is only set to Fault Tolerance Only, instead of Load Balancing.
- NIC vs. Switch settings need to match properly. If the speeds are not set correctly for physical servers that connect to a virtual environment, it can cause unnecessary latency and packet loss.
- If the SQL server is running on a SAN, the SAN will need a minimum of 320Mb/s bandwidth, and the logical drives for the Data and Dump drives should be on separate connections.

References

Configuring NIC Speed in ESX:

http://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displ ayKC&externalId=1004089

Server Clustering

PowerScribe 360 Reporting has been qualified in a clustered server environment. Both the application server software and the Microsoft SQL Server software can be clustered in an active/passive configuration.

It is the customer's responsibility to acquire, install, configure, and maintain the clustered environment. This document outlines the basic requirements that need to be installed / configured in the clusters in Microsoft Windows and Microsoft SQL Server prior to Nuance installing the *PowerScribe 360 Reporting* software.

Important Considerations

- Virtual machine clusters are supported on VMware ESX, versions 4, 5 and 6 (6.0, 6.5 and 6.7).
- All operating system and SQL installations must confirm to the Specifications for your version of PowerScribe 360 Reporting.
 - Virtual machine clusters (VMware) are not supported for Microsoft 2012 or 2012 R2 (ESX Limitation in versions prior to 5.5 u1).

http://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=d isplayKC&externalId=1037959

- GeoCluster setup is not supported.
- The cluster should be installed using the same accounts for each node of the cluster.
- The Quorum disk for each cluster should be 1GB.
- The Microsoft DTC disk for the SQL cluster should be 1GB. Do not use the same disk as the Quorum disk.
- The X:\Nuance (Data) folder must be on a different drive than the SQL DB, or it can cause failure during failover.
- If using SSL, the SSL certificate must be installed before Nuance installs the *PowerScribe 360 Reporting* software.
- The customer must provide Host names and static IP addresses for the Virtual Cluster, Virtual SQL, RadBridge, DTC, and File Service.
- PowerXpress, Mobile Bridge Server, and SUS cannot be in a cluster and must be on separate machines.
- Reporting Service is not cluster-aware (SQL Standard Edition Only). Nuance will install it on Node 1 only.
- *PowerScribe 360 Reporting* can support the use of named instances in SQL.
- Objects must be created in the domain in the proper Organizational Unit active directory prior to installing the PowerScribe 360 software.

- The Application (IIS) and SQL Cluster Servers needs failover clustering, file server, IIS, and application server roles installed.
- High Performance should be set up for Clusters (instructions included in this document).
- The Customer should turn on Network Discovery (instructions included in this document).

Server Setup



The IIS must be installed and configured on the C drive for PowerScribe 360 *Reporting and for the Mobile server.*



If you are setting up a server for SQL only or Mobile server, WebDAV is not required. WebDAV is only used by the Application server.



Application and Mobile servers must have IIS installed and configured as indicated in this chapter.

.NET Framework



Only the most current.NET Framework version is required for proper PowerScribe 360 Reporting v4.0.1 (SP1) and higher installation and operation. Older versions of .NET (i.e., .NET 3.5) should not be installed.

Validate Hardware

Validate that your servers meet the hardware requirements for your version of the PowerScribe 360 Reporting system.

The PowerScribe 360 Reporting System Technical Specification available on Nuance Healthcare Support Platform Article 6389 provides server hardware requirements.

Install Windows

Install Windows or create your Virtual Machine (VM), using your normal internal processes.

Once the Windows install completes, follow the guidelines below to configure the server and to prepare it for installation of PowerScribe 360 Reporting.

Microsoft Windows Updates

Using the Internet Explorer method, run the Microsoft Windows Update application, and let the application apply all Nuance-supported updates.



For more information on Nuance-supported updates, see PN 889700 -<u>PowerScribe® 360 | Reporting - Support for Microsoft and Third Party</u> <u>Software Updates.</u>

Install/Configure Server Roles and Services



In the following installation steps, you will install roles and features. The list below contains the correct roles and features that must be installed.



If you are setting up a server for SQL only or Mobile server, WebDAV is not required. WebDAV is only used by the Application server.

Display Name Name [X] Application Server NICATION Server .NET Framework 4.5 TCP Port Sharing Web Server (IIS) Support Windows Process Activation Syrice Support [X] HTTP Activation [X] Named Pipes Activation [X] TCP Activation [Server Application-Server AS-NET-Framework AS-TCP-Port-Sharing AS-Web-Support AS-WAS-Support AS-HTTP-Activation AS-Named-Pipes AS-TCP-Activation [X] TCP ACtivation
[] Fax Server
[X] File And Storage Services
[X] File and iSCSI Services
[X] File Server
[X] Storage Services
[X] web Server (IIS)
[X] web Server HITE Feature
[X] Common HITE Feature
[X] Optional Fax FileAndStorage-Services File-Services FS-FileServer Storage-Services Web-Server Server (IIS) Web Server [X] Common HTTP Features [X] Default Document [X] Directory Browsing [X] HTTP Errors [X] Static Content [X] HTTP Redirection [X] HTTP Redirection [X] Health and Diagnostics [X] HTTP Logging [X] Logging Tools [X] Request Monitor [X] Tracing [X] Performance Web-WebServer Web-Common-Http Web-Default-Doc Web-Default-Doc Web-Dir-Browsing Web-Http-Errors Web-Http-Redirect Web-Http-Redirect Web-DAV-Publishing Web-Health Web-Http-Logging Web-Log-Libraries Web-Request-Monitor Web-Retrormance Web-Stat-Compression // Static Content Compression
[X] Static Content Compression
Security
[X] Request Filtering
[X] Basic Authentication
[X] Centralized SSL Certificate
[X] Client Certificate Mapping A
[X] Statement Certificate Mapping A [X] Performance Web-Dyn-Compression Web-Security Web-Filtering [X] [X] Request Filtering [X] Basic Authentication [X] Basic Authentication [X] Centralized SSL Certificate Support [X] Client Certificate Mapping Authentic... [X] Digest Authentication [X] IIS Client Certificate Mapping Authe... [X] IP and Domain Restrictions [X] URL Authorization [X] Windows Authentication [X] windows Authentication [X] Application Development [X] .NET Extensibility 3.5 [X] .NET Extensibility 4.5 Web-Basic-Auth Web-CertProvider Web-Client-Auth Web-Digest-Auth Web-Cert-Auth Web-IP-Security Web-Url-Auth web-windows-Auth Web-App-Dev Web-Net-Ext web-Net-Ext45 (In WIn2012 for 2008 run MS udpates) [X] ASP.NET 4.5 web-Asp-Net45 [X] ISAPI Extensions
[X] ISAPI Filters Web-ISAPI-Ext Web-ISAPI-Filter [X] Management Tools
[X] IIS Management Console
[X] IIS 6 Management Compatibility
[X] IIS 6 Management Compatibility
[X] IIS 6 Metabase compatibility
[X] IIS 6 MMI Compatibility
[X] INT Activation
[X] NON-HT Activation
[X] MET Framework 4.5
[X] MCF Services
[X] HTTP Activation
[X] TCP Activation
[X] TCP Activation
[X] Message Queuing Services
[X] Message Queuing Services
[X] MEST Activation III MATHERED IN ACTIVATION
[X] MEST ACTIVATION
[X] MEST ACTIVATION
[X] MEST ACTIVATION III MATHERED IN ACTIVATION
[X] MET ACTIVATION III MATHERED IN ACTIVATION
[X] MATHERED IN ACTIVATION III MATHERED IN ACTI Web-Mgmt-Tools Web-Mgmt-Console Web-Mgmt-Compat [X] Management Tools Web-Metabase web-wMT Web-Scripting-Tools NET-Framework-Features NET-Framework-Core NET-HTTP-Activation NET-Non-HTTP-Activ NET-Framework-45-Fea... NET-Framework-45-Core NET-Framework-45-ASPNET NET-WCF-Services45 NET-WCF-HTTP-Activat... NET-WCF-Pipe-Activat... NET-WCF-TCP-Activati... NET-WCF-TCP-PortShar... MSMQ [X] Message Queuing Services

[X] Message Queuing Server
[X] Message Queuing Server
[X] Message Queuing Triggers

[X] User Interfaces and Infrastructure

[X] Graphical Management Tools and Infrastructure
[X] Server Graphical Shell

[X] Windows PowerShell 3.0

[X] Windows PowerShell 2.0 Engine
[X] Windows PowerShell ISE MSMQ-Services MSMQ-Services MSMQ-Triggers User-Interfaces-Infra Server-Gui-Mgmt-Infra Server-Gui-Shell PowerShellRoot PowerShell PowerShell-V2 PowerShell-ISE [X] windows Process Activation Service [X] windows Process Activation Service [X] Process Model [X] .NET Environment 3.5 [X] Configuration APIS WAS WAS-Process-Model WAS-NET-Environment WAS-Config-APIS Wow64-Support [X] WoW64 Support

Role Installation



icon in the Task Bar to start the Server Manager.

The Server Manager Dashboard displays.

Server Manager • Dashboard • 🗇 🏲 Manage Tools View Help	<u>ه</u>	Se	rver Manager					-	D X
WELCOME TO SERVER MANAGER	Server Ma	anager • Dashboard		• @ I	۲	Manage	Tools	View	Help
 in Decay Services in All Servers in Configure this local server in Add roles and features in Add other servers to manage in Create a server group Hote: Item More Item More Item Services Inder Services Inde	Image: Dashboard Image: Local Server Image: All Servers Image: File and Storage Services Image: File and Storage Services	WELCOME TO SERVER MANAGER QUICK START GUICK START GUICK START </td <td>gure this local server d roles and features d other servers to manage ate a server group</td> <td>1</td> <td>•</td> <td>All Servers Manageabili Events Services Performance BPA results</td> <td>ity 2</td> <td>1</td> <td>Hide</td>	gure this local server d roles and features d other servers to manage ate a server group	1	•	All Servers Manageabili Events Services Performance BPA results	ity 2	1	Hide

The Select installation type dialog displays.



3. Select Role-based or feature-based installation, then click Next.

The Select destination server dialog displays.

b	Add Roles and Features Wizard
Select destinatio	DESTINATION SERVER PS360TEST
Before You Begin Installation Type	Select a server or a virtual hard disk on which to install roles and features.
Server Selection Server Roles Features	Server Pool
Contirmation Results	Name IP Address Operating System PS360TEST 192.168.64.218 Microsoft Windows Server 2012 Standard
	1 Computer(s) found This page shows servers that are running Windows Server 2012, and that have been added by using the Add Servers command in Server Manager. Offline servers and newly-added servers from which data collection is still incomplete are not shown.
	< Previous Next > Install Cancel

4. Choose Select a server from the server pool, and click Next.



By default, the Server Pool shows the local server where the roles will be installed.

The Select server roles dialog displays.

b	Add Roles and Features Wizard	_ D X
Select server roles	Salart one or more rolas to install on the salarted server.	DESTINATION SERVER PS360TEST
Before You Begin Installation Type Server Selection Server Roles Features Application Server Role Services Web Server Role (IIS) Role Services Confirmation Results	Select one or more roles to install on the selected server. Roles Active Directory Certificate Services Active Directory Domain Services Active Directory Federation Services Active Directory Lightweight Directory Services Active Directory Rights Management Services PHOP Server DHCP Server DHS Server Fax Server File And Storage Services (Installed) Hyper-V Network Policy and Access Services Print and Document Services Remote Access Remote Desktop Services Volume Activation Services Web Server (IIS) Windows Deoloyment Services 	Description Web Server (IIS) provides a reliable, manageable, and scalable Web application infrastructure.
	Windows Server Update Services	:> Install Cancel

- 5. Check the following Server Roles:
 - Application Server
 - File And Storage Services (Installed)
 - Web Server (IIS) (*default install*)
 - Fax Server (*optional*, check if Fax is used)
- 6. Click **Add Feature** to all dialogs requesting to add features for any new service role you install.
- 7. Click Next.



If you will be installing PowerScribe 360 Reporting v4.0.1 (SP1) or higher, you should skip Step 8. as .NET Framework v3.5 is not required; and proceed to Step10.

- 8. Check the following .NET Framework 3.5 Features:
 - .NET Framework 3.5 Features
 - .NET Framework 3.5 (includes .NET 2.0 and 3.0)
 - HTTP Activation
 - Non-HTTP Activation

14	Add Roles and Features Wizard	_ D X
Before You Begin Installation Type Server Selection	Select one or more features to install on the selected server.	DESTINATION SERVER PS360TEST Description
Server Roles Features Application Server Role Services Web Server Role (IIS) Role Services Confirmation Results	 .NET Framework 3.5 Features .NET Framework 3.5 (includes .NET 2.0 and 3.0) HTTP Activation Non-HTTP Activation NET Framework 4.5 Features (Installed) Background Intelligent Transfer Service (BITS) BitLocker Drive Encryption BitLocker Network Unlock BranchCache Client for NFS Data Center Bridging Enhanced Storage Failover Clustering Group Policy Management Ink and Handwriting Services Internet Printing Client IP Address Management (IPAM) Server iSNS Server service LPR Port Monitor Management OData IIS Extension Media Foundation Message Queuing Multipath I/O Network Load Balancing Peer Name Resolution Protocol Quality Windows Audio Video Experience RAS Connection Manager Administration Kit (CMA v 	Non-HTTP Activation supports process activation via Message Queuing, TCP and named pipes. Applications that use Non-HTTP Activation can start and stop dynamically in response to work items that arrive over the network via Message Queuing, TCP and named pipes.
	< Previous Next :	Install Cancel

- 9. Click Add Feature to all dialogs requesting to add new features you install.
- 10. Click Next.

The Application Server dialog displays.

ñ.	Add Roles and Features Wizard
Application Server	DESTINATION SERVER PS360TEST
Before You Begin Installation Type Server Selection Server Roles Features Application Server	Application Server hosts and centrally manages applications that interoperate with systems on the network such as heterogeneous databases, identity management services, security systems, and Web applications and services. Application Server also supports developing custom business applications through integrated services such as the .NET Framework 4.5, COM+, Web Server (IIS) Support, and Message Queuing. Things to note: • We recommend that you install Web Server (IIS) Support if you plan to host distributed applications
Role Services Web Server Role (IIS) Role Services Confirmation	built using ASP.NET or Windows Communication Foundation (WCF).
Results	
	More information about Application Server
	< Previous Next > Install Cancel

11. Click Next.

- 12. Check the following Role services:
 - .NET Framework 4.5
 - TCP Port Sharing
 - Web Server (IIS) Support
 - Windows Process Activation Service Support
 - HTTP Activation
 - TCP Activation

řa –	Add Roles and Features Wizard	- • ×
Select role servi Before You Begin Installation Type Server Selection Server Roles Peatures Application Server Role Services Confirmation Resolts	CCES Select the role services to install for Application Server Role services	Description TCP Activation supports process activation via TCP. Applications that use TCP Activation can start and stop dynamically in response to work items that arrive over the network via TCP.
	< Previous No	ext > Install Cancel

13. Click Next.

The Web Server Role (IIS) dialog displays.

Ъ.	Add Roles and Features Wizard
Web Server Role	(IIS) DESTINATION SERVER PS360TEST
Before You Begin Installation Type Server Selection Server Roles	Web servers are computers that let you share information over the Internet, or through intranets and extranets. The Web Server role includes Internet Information Services (IIS) 8.0 with enhanced security, diagnostic and administration, a unified Web platform that integrates IIS 8.0, ASP.NET, and Windows Communication Foundation. Things to note:
Features Application Server	 Using Windows System Resource Manager (WSRM) can help ensure equitable servicing of Web server traffic, especially when there are multiple roles on this computer.
Role Services Web Server Role (IIS)	 The default installation for the Web Server (IIS) role includes the installation of role services that enable you to serve static content, make minor customizations (such as default documents and HTTP errors) monitor and log server activity and configure static content compression.
Role Services	chorsy, montor and rog server dearry, and configure state content compression.
Confirmation	
Results	
	More information about Web Server IIS
	< Previous Next > Install Cancel

14. Click Next.

15. Select the following Role services to install for Web Server (IIS).



The complete list of Web Server (IIS) Role services to install are provided in the following two dialogs.

IMPORTANT



If you are setting up a server for SQL only or Mobile server, WebDAV is not required. WebDAV is only used by the Application Server.

<u>ام</u>	Add Roles and Features Wizard	_ D X
Select role service	s	DESTINATION SERVER PS360TEST
Before You Begin	Select the role services to install for Web Server (IIS)	
Installation Type	Role services	Description
Server Selection Server Roles Features Application Server Role Services Web Server Role (IIS) Role Services Confirmation Results	 Web Server Common HTTP Features Default Document Directory Browsing HTTP Errors Static Content HTTP Redirection WebDAV Publishing HEALTH and Diagnostics HTTP Logging Custom Logging Logging Tools ODBC Logging Request Monitor Tracing Performance Static Content Compression Dynamic Content Compression Security Request Filtering Basic Authentication Client Certificate Mapping Authentication Digest Authentication IIS Client Certificate Mapping Authentication 	Application Development provides infrastructure for developing and hosting Web applications. Use these features to create Web content or extend the functionality of IIS. These technologies typically provide a way to perform dynamic operations that result in the creation of HTML output, which IIS then sends to fulfill client requests.
	URL Authorization	
	V Windows Authentication	
	< Previous Next >	Install Cancel

16. Scroll and continue checking the following Role services to install for Web Server (IIS).

elect role servic	res	DESTINATION SERVE PS360TES
Before You Begin Installation Type Server Selection Server Roles	Select the role services to install for Web Server (IIS) Role services Windows Auther sation	Description IIS Management Scripts and Tools provide infrastructure to provide infrastructure to
Server Roles Features Application Server Role Services Web Server Role (IIS) Role Services Confirmation Results	 Application Development .NET Extensibility 3.5 .NET Extensibility 4.5 Application Initialization ASP ASP.NET 3.5 ASP.NET 4.5 CGI ISAPI Extensions ISAPI Filters Server Side Includes 	Web server by using commands in command window or by running scripts. You can use these tools when you want to automate commands in batch files or when you do not want to incur the overhead of managing IIS by using the user interface.
	 WebSocket Protocol ▲ FTP Server FTP Service FTP Extensibility IIS Hostable Web Core ▲ Management Tools ✓ IIS Management Console ▲ ✓ IIS 6 Management Compatibility ✓ IIS 6 Metabase Compatibility ✓ IIS 6 Management Console IIS 6 Management Console IIS 6 Management Console ✓ IIS 6 WMI Compatibility 	
	Management Service	×
	x	

- 17. Click Add Feature to all dialogs requesting to add new Role service you install.
- 18. Click Next.

The Confirm installation selections dialog displays.



The yellow warning box at the top of the screen is for .NET 3.5. It is not included with Server 2012. If the server has Internet access, .NET 3.5 will be installed from Windows Update. If the server does not have access to Windows Update, you need to specify an alternate source path.



Alternative Source Path (**OPTIONAL**)

To specify an alternate source path:

1. On the Confirmation installations selection dialog, click **Specify an** *alternate source path*, and enter the path.

The Server 2012 ISO image has .NET 3.5 Features in the \Sources\SxS\ folder. For example, if this is installed as Z:\, the path would be Z:\Sources\SxS\.

2. Click **OK**.

No .Net 3.5 Framework Media Available



If no .Net 3.5 Framework media is available, you can load it as follows:

1. Verify the server has not been modified to only get updates from WSUS (typical for new servers).

- 2. Close the server manager and anything that is currently open.
- 3. Open a command prompt and run the following command:

dism.exe /online /enable-feature /featurename:NetFX3 /all

- 19. Verify the list and click Install.
- 20. Click Install.

The Installation progress dialog displays.

21. Click Close.

Install Message Queuing Features

 If Server Manager is not already open, click the The Server Manager Dashboard displays.



F	S	erver Manager		_ D X
Server M	1anager • Dashboard	• @	🕑 🚩 Manage Tools	View Help
Server M Server M Server M Server All Server File and Storage Services	Manager Dashboard WELCOME TO SERVER MANAGER U Conf QUICK START Q Ad A Ad WHATS NEW LEARN MORE ROLES AND SERVER GROUPS Roles: 1 Server groups: 1 Servers total File and Storage	igure this local server Id roles and features Id other servers to manage eate a server group	E All Server	View Help
	 Services Manageability Events Performance BPA results 	Manageability Events Services Performance BPA results	Manageability Events Services Performance BPA results	

2. From the QUICK START dialog, click (2) Add Roles and Features.

The Select installation type dialog appears.



3. Select Role-based or feature-based installation, and click Next.

The Select destination server dialog displays.

a	Add Roles and Features Wizard
Select destinatio	N SERVER DESTINATION SERVER PS360TEST
Before You Begin Installation Type	Select a server or a virtual hard disk on which to install roles and features. Select a server from the server pool
Server Selection Server Roles Features	Server Pool
Results	Name IP Address Operating System PS360TEST 192.168.64.218 Microsoft Windows Server 2012 Standard
	1 Computer(s) found This page shows servers that are running Windows Server 2012, and that have been added by using the Add Servers command in Server Manager. Offline servers and newly-added servers from which data collection is still incomplete are not shown.
	< Previous Next > Install Cancel

4. Choose Select a server from the server pool, and click Next.



By default, the Server Pool shows the local server where the roles will be installed.

5. Click Features.

	Add Roles and Features Wizard	
Select features Before You Begin	Select one or more features to install on the selected server.	DESTINATION SERVER MLB-P5360-4.MeITSLab.local
Installation Type	Description	
Server Selection Server Roles	III Message Queuing (1 of 7 installed) A III Message Queuing Services (1 of 6 installed)	HTTP Support enables the sending of messages over HTTP.
Features	Message Queuing Server (Installed)	
Confirmation Results		
	Peer Name Resolution Protocol Quality Windows Audio Video Experience RAS Connection Manager Administration Kit (CM/ Remote Arristence V	

The Select features dialog displays.

- 6. Check and expand Message Queuing and Message Queuing Services.
- 7. Check Message Queuing Server, Directory Service Integration, HTTP Support, and Message Queuing Triggers, and then click Next.

The Confirm installation selections dialog displays.

Ъ.	Add Roles and Features Wizard	_ _ X
Confirm installation	on selections	DESTINATION SERVER PS360TEST
Before You Begin	To install the following roles, role services, or features on selected server, cli	ick 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
Server Roles	their check boxes.	tures, click Previous to clear
Features		
Confirmation Results	Message Queuing Services Message Queuing Server Message Queuing Triggers	
	Export configuration settings Specify an alternate source path	
	< Previous Next >	Install Cancel

- 8. Verify Feature selections.
- 9. Click Install.

The Installation progress dialog displays.

ī.	Add Roles and Features Wizard	_ _ ×
Installation progress		DESTINATION SERVER PS360TEST
Before You Begin	installation progress	
Installation Type	Feature installation	
Server Selection		
Server Roles	Installation succeeded on PS3601ES1.	
Features M	essage Queuing	
Confirmation	Message Queuing Services	
Results	Message Queuing Triggers	
l'ei	You can close this wizard without interrupting running tasks. View task p	progress or open this
E.e.	t configuration settings	Details.
Expo	rt configuration settings	
	< Previous Next >	Close Cancel

- 10. Click Close.
- 11. Close the Server Manager.
- 12. Run the Windows 2012 PowerShell Command, Get-WindowsFeature, and then compare the list with the features and options listed on <u>page -6</u>.

Setup Purge Process to Delete Old IIS Log Files

IIS Log Files are produced daily, and accumulate without any maintenance procedure available by default. A Scheduled Task can be created to perform a purge of older log files as defined by the task. A Batch file performs the purge according to settings entered as part of the command.

Download the <u>.bat file here</u>.

.....

Preparation

- 1. Download the deleteoldfiles.zip and copy to the <DataDrive>:\Nuance folder.
- 2. Extract the zip.
- 3. Edit the deleteoldfiles.txt file extension to .bat file.
- Create Windows Tasks
- 1. Select Start/Programs/Administrative tools/Task Scheduler.

- 2. Choose Create Basic Task in the right pane. The Create Basic Task wizard opens.
- 3. Name the task, "IIS Cleanup".
- 4. Click Next to schedule the Task Trigger. The Task Trigger window displays.
- 5. Set the task to run weekly.
- 6. Click Next.
- 7. Set a **Start** date and time for the Task to run.
- 8. Set the task to reoccur every 1 week on Sunday.
- 9. Click Next to set the Task Action.
- 10. Select the Start a program option.
- 11. Click Next to select the program to start.
- 12. Using the Browse button, browse to the program to the deleteoldfiles.bat file.
- 13. In the Argument window, add the path to the IIS log file folder followed by *.log 7Example: C:\Nuance\IIS_Logs\W3SVC1 *.log 7
- 14. Click Next. The Summary window displays.
- 15. Confirm that the options are correct in the Summary window for the task and click **Finish**. You are returned to the Task Scheduler window.
- 16. Click the **Refresh** button for the window.
- 17. Browse the list of Tasks for the IIS Cleanup Task, and double-click it to see the particulars for this Task in the lower center pane. From this location, you can further select to Run, End, Disable, Properties, etc., for the Task using the options in the lower half of the right pane.

- 18. Make sure that the IIS Cleanup task is highlighted in the Scheduler window and select **Properties** in the lower right pane.
- 19. On the Data Move Properties dialog General tab, select Security option to **Run** whether user is logged on or not, and click OK.

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Seneral Trig	gers Actions Cond	ditions Settings History (disabled)	
Name:	IIS Cleanup		S
Location:	X		
Author:	MLB-PS5\Administr	rator	
Description:	1		
Security on	tions		
When runn	ing the task use the fi	ollowing user account:	
MLB-PS5V4	Administrator	onowing and account	Change User or Group
Run ont	y when user is logged	on	
C Run wh	ether user is logged or	n or not	
Do 1	not store password. Th	he task will only have access to local comp	uter resources.
E Run wit	h highest privileges		
Hidden	Configure for	Windows Vista [™] Windows Senver [™] 2008	•
rituden	configure for.	Twindows and , windows server 2000	

- 20. A prompt displays for the account to run, use the Nuance Service Account.
- 21. Next click the **Triggers** tab.

skly	At 9:29 AM every Sunday of every week, starting 7/30/2015 Er	
		abled

22. Click Edit. The Edit Trigger dialog displays.

legin the task:	On a schedule		-	
Settings C One time C Daily Weekly C Monthly	Start: 7/30/2015	r] 2:00:00 AM weeks on: inday 「 Tuesday day 「 Saturda	Y Wednesday	time zones
Advanced settin Delay task f Repeat task Stop Stop task if Expire: 77	ngs or up to (random delay): 1 every: 1 hour every: 1 hour ill running tasks at end of rep it runs longer than: 3 30/2016 9:42:04 AM	hour y fo setition duration days y t [r a duration of: 1 day	zones

- 23. In the Advanced settings pane, check the **Enabled** option.
- 24. Click **OK** to close the Edit Trigger dialog.
- 25. Click **OK** to close the Properties dialog.
- 26. Execute the task and verify the log files are deleted.
- 27. Close the Task Scheduler application.