Install IIS7 on Windows 2008 Server

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Building Our Own Web Server

We can build our own web server by utilizing the Internet Information Services (IIS) Manager which we will load and setup on the Windows 2008 Server.



Server Manager

Open the Server Manager console and select Roles in the left pane. Click on Add Roles.



Before You Begin

Now we will review the "before you begin" tasks to make sure the Windows 2008 Server is ready to have a new role. We then press the Next button to continue.

Add Roles Wizard		X
Before You Begin		
Before You Begin Server Roles Confirmation Progress Results	This wizard helps you install roles on this server. You determine which roles to install based on the tasks you want this server to perform, such as sharing documents or hosting a Web site. Before you continue, verify that: • The Administrator account has a strong password • Network settings, such as static IP addresses, are configured • The latest security updates from Windows Update are installed If you have to complete any of the preceding steps, cancel the wizard, complete the steps, and then run the wizard again. To continue, click Next.	
	< <u>Previous</u> <u>Next</u> > <u>I</u> nstall Cancel	

Select Server Roles

For our web server will annotate the V Server checkbox ar the Add Roles Wizz Add features requi for Web Server (IIS) window will appear should push the Ad **Required Features** button and the Nex button.

our web server, we annotate the Web	Add Roles Wizard Select Server Rol	les		X
er checkbox and Add Roles Wizard – features required Veb Server (IIS) low will appear. We Ild push the Add uired Features on and the Next	Before You Begin Server Roles Confirmation Progress Results	Select one or more roles to install on this Roles: Active Directory Certificate Services Active Directory Domain Services Active Directory Federation Services Active Directory Federation Services Active Directory Rights Management Application Server V DHCP Server (Installed) DNS Server Fax Server V File Services (Installed) Hyper-V Network Policy and Access Services Print Services Terminal Services UDDI Services	server. y Services Services	Description: <u>Web Server (IIS</u>) provides a reliable, manageable, and scalable Web application infrastructure.
Wizard		Windows Deployment Services (Tost	alled)	
Add features required for We You cannot install Web Server (IIS) unless th Features: Windows Process Activation Service Process Model Configuration APIs	b Server (IIS)? e required features are also installed Description: <u>Windows Proces</u> generalizes the the dependency	ss <u>Activation Service</u> IIS process model, removing on HTTP. All the features	< Previous Mext >	> Install Cancel
	<u>A</u> dd Requi	red Features Cancel		

Add Roles Wizard

Web Server (IIS)

We should review the Introduction to Web Server (IIS) and then depress the Next button.



Select Roles Services

We can accept the basic HTTP features or we can augment the services with additional application and diagnostic software. After adding more services, we push the Next button to advance.

Add Roles Wizard		X
Select Role Serv	ices	
Before You Begin Server Roles Web Server (IIS) Role Services Confirmation Progress Results	Select the role services to install for Web Server (IIS): Role services: Web Server Common HTTP Features Static Content Default Document Directory Browsing HTTP Errors HTTP Redirection Application Development ASP.NET ISAPI Extensionis ISAPI Filters Server Side Includes HTTP Logging Logging Tools Request Monitor Tracing Custom Logging ODEC Lession	Description: Web Server provides support for HTML Web sites and optional support for ASP.NET, ASP, and Web server extensions. You can use the Web Server to host an internal or external Web site or to provide an environment for developers to create Web-based applications.
	< <u>Previous</u> N	ext > Install Cancel

Confirm Installation Selections

Before the installation begins, we can see a summary of our choices and if we need to change anything, we can return to the specific dialogue box using the Previous button. If we agree with all of the settings, we should choose the Install button.

Add Roles Wizard		×
Confirm Installat	ion Selections	
Before You Begin Server Roles Web Server (IIS) Role Services	To install the following roles, role services, or features, click Install.	1
Confirmation	🔊 Web Server (IIS)	
Progress Results	 Find out more about Windows System Resource Manager (WSRM) and how it can help optimize CPU usage Web Server Common HTTP Features Static Content Default Document Directory Browsing HTTP Errors Health and Diagnostics HTTP Logging Request Monitor Security Request Filtering Performance Static Content Compression Management Tools IIS Management Console 	
	Print, e-mail, or save this information < Previous	

Installation Progress

For several minutes, the Web server will be installed. When the process is complete, we close the Add Roles Wizard and the Server Manager windows.

Add Roles Wizard	
Installation Progre	255
Before You Begin Server Roles Web Server (IIS) Role Services Confirmation Progress Results	Web Server (IIS) Windows Process Activation Service
	< <u>Previous</u> <u>Next</u> > <u>Install</u> Cancel

Installation Results

The Internet Information Services (IIS) is successfully installed. We can close the Add Roles wizard.



Open the Internet Information Services Manager Console

We now open the Internet Information Services Manager Console. We will expand the WDS server on domain2.



Add Web Page

We continue to expand the folders in the left pane. We right click on Sites and we choose the Add Web Site from the popup menu.



Add Web Site

For the Site name, we type "Ohiodigitalart".

ld Web Site		?
Site name:	Application pool:	
ohiodigitalart	ohiodigitalart	S <u>e</u> lect
- Content Directory		
Physical path:		
Pass-through authentication		
Connect as Test Settings	5	
Binding		
Type: IP address:	Port:	
http 💌 All Unassigned	d 💌 80	
<u>H</u> ost name:		
Example: www.contoso.com	or marketing.contoso.com	
_		
 Start Web site immediately 		
		1
	OK	Cancel

Browse for the Physical Path

Add Web Site

Site name:

ohiodigitalart

Application pool: ohiodigitalart

We placed the Ohio digital art folder in the Inetpub folder on the web server's C: drive. We show the path to the Ohio digital art folder by picking the 3 dotted button and browsing for our ohiodigitalart folder.

folder by picking the 3 dotted nd browsing for our alart folder.	Content Directory Physical path: C:\inetpub\ohiodigitalart Pass-through authentication Connect as Test Settings
Browse For Folder	Binding <u>I</u> ype: <u>I</u> P address: P <u>o</u> rt:
Select a directory for the application.	http All Unassigned 80 Host name: Example: www.contoso.com 80
	OK Cancel
Make New Folder OK Cancel	

? ×

Select...

Binding Data

We bind the 192.168.30.5 IP address to ohio digital art website on port 80 and type the host name as www.ohiodigtialart.com.

We keep the start web site immediately checkbox annotated. We press OK to close the Add Web Site window.

Add Web Site			? ×
Site name:	Application pool:		
ohiodigitalart	ohiodigitalart		S <u>e</u> lect
Content Directory			
Physical path:			
C: \inetpub \ohiodigitalart			
Pass-through authentication			
Connect as Test Settings.			
Binding			
Type: IP address:		Port:	
http 🔽 192.168.30.5	•	80	
Host name:			
www.ohiodigitalart.com			
Example: www.contoso.com or	marketing.contoso.co	m	
Start Web site immediately			
			1
		OK	Cancel

Default Document

We pick the Default Document icon to establish the name of the web page that will open when people visit the <u>www.ohiodigtialart.com</u> website or search for the 192.168.30.5 IP address.



Identifying the Index Page

We delete the other documents and keep the index.htm page. This is the page that is opened when the website is visited.



Checking the Website with the Web Browser

We can type 192.168.30.5 in the address bar of the Internet Explorer window and the Ohio Digital Art homepage will appear. We test computers on our network and they get the same results.

