FTP Server

File Transfer Protocol (FTP) adalah suatu protokol yang berfungsi untuk tukar-menukar file dalam suatu network yang menggunakan TCP koneksi bukan UDP.

Dua hal yang penting dalam FTP adalah FTP Server dan FTP Client.

FTP server adalah suatu server yang menjalankan software yang berfungsi untuk memberikan layanan tukar menukar file dimana server tersebut selalu siap memberikan layanan FTP apabila mendapat permintaan (request) dari FTP client.

FTP client adalah computer yang merequest koneksi ke FTP server untuk tujuan tukar menukar file. Setelah terhubung dengan FTP server, maka client dapat men-download, meng-upload, merename, men-delete, dll sesuai dengan permission yang diberikan oleh FTP server.

Tujuan dari FTP server adalah sebagai berikut :

- Untuk tujuan sharing data
- Untuk menyediakan indirect atau implicit remote computer
- Untuk menyediakan tempat penyimpanan bagi user
- Untuk menyediakan transfer data yang reliable dan efisien

Konfigurasi Server

Konfigurasi FTP

1. Klik Menu Start - All Programs - Control Panel - Add/Remove Program



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2. Pilih Add/Remove Windows Component yang akan tampil seperti berikut

Wii	ndows Components Wizard			
	Windows Components You can add or remove components of Windows.			
	To add or remove a component, click the checkbox. A shaded box means that only part of the component will be installed. To see what's included in a component, click Details.	Show up <u>d</u> ates	Sort by: Name	_ D ×
	Components:			
	Accessories and Utilities 4.9 MB Accessories and Utilities Accessories Accessories Accessories Accessories Additional Accessories Additional Accessories Accessories Additional Accessories A			
	Total disk space required: 3.4 MB Space available on disk: 2287.8 MB			

3. Klik di bagian Internet Information Services (IIS) kemudian klik tombol Details yang akan menampilkan layar seperti dibawah ini. Centang di bagian File Transfer Protocol(FTP) Server. Kemudian klik tombol OK.



4. Setelah itu layar akan kembali ke layar Window Component, klik tombol Next untuk melakukan proses instalasi FTP.



5. Proses instalasi akan berlanjut seperti gambar di bawah ini.

Indows Components Wizard Configuring Components Setup is making the configuration changes you requested.			
Configuring Components Setup is making the configuration changes you requested.			
Setup is making the configuration changes you requested.			
Please wait while Setup configures the components. This may take			
several minutes, depending on the components selected.	Show up <u>d</u> ates	Sort by: Name	•
Status: Configuring Internet Information Services (IIS)			
Status. Configuring internet information Services (n3)			
< Back Nexk Cancel Help			

Windows Components Wizard	1	×			
	Completing the Windows Components Wizard				
	You have successfully completed the Windows Components Wizard				_O×
			Show up <u>d</u> ates	Sort by: Name	•
	To close this wizard, click Finish.				

Help

Finish

🔂 Add or Remove Programs 🛛 🔂 Windows Component...

6. Proses instalasi telah selesai. Klik tombol Finish untuk menutup layar instalasi.

MEMBUAT FILE FTP

赶 Start 🛛 🚱 🥭

1. Klik menu Start – Programs – Administrative Tools – Internet Services Manager.

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2. Klik kanan di nama server – Klik New – Klik FTP Site

3. Kemudian akan muncul layar pembuka pembuatan site FTP. Klik tombol Next.



4. Isi deskripsi mengenai Site FTP yang akan dibuat. Jika sudah kklik tombol Next.

Thternet Information Services (II5) Manager	
← → 🕅 FTP Site Creation Wizard	
Internet Inf. FIP Site Description □	
⊕ Wet Type a description of the FTP site.	
FTP Description:	
nd strate.com	
< <u>Back</u> <u>Myst</u> > Cancel	
🔰 Start 🛛 🕑 🧑 👘 Internet Information	强 📑 2:52 AM

5. Isi IP Address FTP Server dan Nomor Port yang akan di pakai. Pakailah port 21. Setelah diisi, klik tombol Next.

Internet Information Services (IIS) Manager	
j Eile Action View Window Help	
FTP Site Creation Wizard	
Internet. Inf: IP Address and Post Settings Just Part Setting for the FTP site. Specify an IP address and post setting for the FTP site. P → Appl	Status
⊕	
Type the TCP port for this FTP site (Default = 21):	
<u> 21</u>	
< <u>B</u> ack <u>Nejty</u> Cancel	1

6. Pada layar berikutnya akan diminta untuk menentukan folder yang akan dipakai sebagai folder root FTP Server.Jika sudah ditemukan klik OK dan Next.

Internet Information Services (IIS) Manager Image: Information Services (IIS) Manager Image: Ima	P content subdirectories.	
B Wet Enter the path to your home directory. B ■ ■ FTP Path: C.Vtp	Browse Eng England	×I
🜁 Start 🛛 🞯 🥔 👘 Internet Information		🦓 🛃 2:55 AM

7. Langkah berikutnya adalah menentukan hak akses terhadap FTP Server tersebut. Kemudian klik tombol Next.

tion Services (IIS) Manage	r	_ 🗆 🗵	
5 Eile Action View Window Help			
← → II FTP Site Creation Wizard		×	
FTP Site Access Permissions FTP Site Access permissions for Set the access permissions for	this FTP site.	Status	
Wet Allow the following permissions			
H G Elead			
I⊽ <u>Wite</u>			
To complete the wizard, o	lick Next.		
	< <u>Back Next></u> Cance		

8. Proses pembuatan selesai, klik tombol Finish.

Ele Action View Window Help Image: Constraint of the state of the stat
IPP Site Lreadon Wizard X Internet Info IF9-RN IF9-RN Implementation of the status You have successfully completed the FTP Site Creation Wizard. If the status If the st
To close this wizard, click Finish.
<u>Kance</u> Cancel

9. Setelah itu, maka site FTP baru di Internet Services Manager.

MENDAFTARKAN SITUS FTP KE DNS SERVER

Langkah-langkahnya sebagai berikut :

1. Klik menu Start - Program - Administrative Tools - DNS Server

onfigurati			
		20	
		∼g Active Directory Domains and Trusts	
		Active Directory Sites and Services	
		Active Directory Users and Computers	
		Certification Authority	
		Cluster Administrator	
Administrator		Component Services	
		Computer Management	
1	🗐 My Computer	Configure Your Server Wizard	
Manage four server		🚭 Data Sources (ODBC)	
C	Control Panel	P DHCP	
	-	👍 Distributed File System	
	Administrative Tools	🚊 DNS	
Command Prompt	Printers and Eaxes	Domain Controller Security Policy	
		Domain Security Policy	
Notepad	Help and Support	Event Viewer	
		internet Information Services (IIS) Manager	
Configure Your Server	>>> Search	C Licensing	
Wizard	Pup	Manage Your Server	
Internet Explorer		Microsoft .NET Framework 1.1 Configuration	
<i>2</i>		Microsoft .NET Eramework 1.1 Wizards	
Security Configuration		A Network Load Balancing Manager	
- wizard		Performance	
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		Routing and Remote Access	
All Programs		Bb. Convisor	
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		We minimal services configuration	
🖯 Start 🛛 🕑 🏉 👘 In	ternet Information Ser	" Terminal Services Manager	🤗 🛃 2:5

2. Klik kanan di Zone yang diinginkan, klik New Host.

dnsmgmt - [DNS\IF8-RTNBQRHRX67\Forward Lookup Zones\surabi.com]					
<u>≓</u> File <u>A</u> ction ⊻ie	w Window Help		15		
	surabi.com 10 reco	d(s)		_	
Porward LC P	All Tags	lder) Start of Authority (SOA) Jder) Name Server (NS) Jder) Host (A) Host (A) Host (A)	Data [22], if8+rtnbgrhrx67.surabi if8+rtnbgrhrx67.surabi.com. 192.168.8.58 192.168.8.58 192.168.8.58		
	Devery Window from Here Delete Refresh Export List Properties Help				

3. Isi Name dengan ftp dan kemudian isi IP Addressnya. Setelah selesai klik Add Host.

Image: Second	dnsmgmt - [DNS\IF8-RTNBQRHRX67\Forward Lookup Zones\surabi.com] Ele Action View Window Help					
Image: Superior Construction Image: Cons		요 = = = = · · · · · · · · · · · · · · ·				
	FFeRTINBQRHEX67 Forward Lookup Zones Forward Lookup Zones Forward Lookup Zones Foresthore JonainDnsZones ForestDnsZones ForestDnsZon	Name Uses parent domain name if blank): ftp Fully qualified domain name (FQDN): ftp.surabi.com. IP address: [92_158_3_58] Greate associated pointer (PTR) record Algw any authenticated user to update DN5 records with the same owner name Add Hosk Cancel	ata [2], if8-rtnbqrhrx67.surabi 3-rtnbqrhrx67.surabi.com. 92.168.8.58 92.168.8.58 92.168.8.58 92.168.8.59			

4. Jika berhasil, maka akan muncul tampilan sebagai berikut.

DNS IF8-RTNBQRHRX67 Forward Lookup Zones Forward Lookup Zones Surabi.com	surabi.com 11 record(s) Namesitestcp	Type Start of Authority (SOA) Name Server (NS) Host (A) Host (A) Host (A)	Data [22], if8-rtnbqrhrx67.surabi if8-rtnbqrhrx67.surabi.com. 192.168.8.58 192.168.8.58 192.168.8.58 192.168.8.58 192.168.8.58		

5. Dengan demikian site FTP ini dapat dipanggil dengan cara ftp://ftp.surabi.com

Security Configurati								
	👱 ftp://ftp.surabi.com/ - Mic	rosoft Internet Explorer						
	<u>File Edit View Favorites</u>	Tools Help						
	😮 Back 🔹 🕤 🗸 🦻 Search 🏷 Folders 🕼 💓 🗙 🎾 🛄•							
	Address in <u>itp://ftp.surabi.com</u>	<u> </u>	I	🗾 🔁 Go Links »				
	Name A	Size Type	Modified					
	tesss	0 bytes File	5/26/2010 2:59 AM 5/26/2010 2:59 AM					
			User: Anonymous	🔮 Internet 🏼 🎢				

Konfigurasi Client

1.Buka pada web browser



2.File ftp terbuka

Daftar Isi ftp://	//ftp.surabi.com/ - Mozil	a Firefox					- 8 🔀
Berkas Ubah Tan	npilan <u>R</u> iwayat Book <u>m</u> ark	<u>Alat Ban</u> tuan					
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