Bab 8 FILE TRANSFER PROTOCOL SERVER <u>(FTP SERVER)</u>

File Transfer Protocol (FTP) merupakan salah satu layanan yang banyak digunakan dalam jaringan untuk mengkopikan suatu file dari suatu komputer ke komputer lain.

Agar komputer yang kita pakai dapat memberikan fasilitas FTP ini, maka dalam komputer tersebut harus dipasang suatu software yang disebut FTP Server.

Microsoft Internet Information Services juga telah memiliki layanan ini, dan kita tinggal menginstallnya saja.

Selain FTP Server bawaan dari MS-IIS, masih banyak software FTP server lain yang dapat digunakan sebagai contoh :

- BulletProof FTP Server
- Guilt FTP Server
- GlobalScape FTP Server

INSTALASI FTP SERVER

Untuk mengaktifkan FTP Server, langkah yang dapat dilakukan adalah :

1. Klik menu Start → Setting → Control Panel → Add/Remove Software → Pilih Add/Remove Windows Component yang akan menampilkan layar berikut.

Windows Components Wizard	×
Windows Components You can add or remove components of Windows 2000.	3
To add or remove a component, click the checkbox. A st part of the component will be installed. To see what's incl Details.	naded box means that only uded in a component, click
<u>C</u> omponents:	
🗹 📻 Accessories and Utilities	12.1 MB 🔺
🗆 📴 Certificate Services	1.4 MB
🗹 💬 Indexing Service	0.0 MB
🗹 😋 Internet Information Services (IIS)	22.0 MB
🗔 🚔 Management and Monitoring Tools	5.2 MB
Description: IIS services (Web and FTP support) along w transactions, ASPs, database connections, a	vith support for FrontPage, and receiving of posts.
Total disk space required: 11.8 MB	Details
Space available on disk: 3535.7 MB	
/ Pack	Nout Canad

2. Klik di bagian Internet Information Services (IIS) kemudian klik tombol Details yang akan menampilkan layar seperti di bawah ini. Check/centang di bagian File Transfer Protocol (FTP) Server. Kemudian klik tombol OK.

Internet Information Services (IIS)	×		
To add or remove a component, click the check box. A shaded box means that only part of the component will be installed. To see what's included in a component, click Details.			
Sub <u>c</u> omponents of Internet Information Services (IIS):			
🗹 🧼 Common Files	1.0 MB 🔺		
🗹 🥘 Documentation	3.5 MB		
🗹 📮 File Transfer Protocol (FTP) Server	0.1 MB		
🗹 🅎 FrontPage 2000 Server Extensions	4.1 MB		
🗹 🃸 Internet Information Services Snap-In	1.3 MB		
🗹 🥘 Internet Services Manager (HTML)	0.7 MB		
🗆 💻 NNTP Service	4.5 MB 💌		
Description: Support for the File Transfer Protocol (FTP), allowing you to set up FTP sites (for uploading and downloading of files).			
Total disk space required: 12.0 MB	Details		
Space available on disk: 3535.7 MB	<u>B</u> _9304110		
OK	Cancel		

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

Windows Components Wizard			
Windows Components You can add or remove components of Windows 2000.			
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.			
Components:			
🗹 📻 Accessories and Utilities 12.1 MB 🔺			
🗆 📴 Certificate Services 1.4 MB 🛄			
🗹 💬 Indexing Service 0.0 MB			
🗹 🎀 Internet Information Services (IIS) 🛛 22.0 MB			
🗖 🖶 Management and Monitoring Tools 5.2 MB 💻			
Description: IIS services (Web and FTP support) along with support for FrontPage, transactions, ASPs, database connections, and receiving of posts.			
Total disk space required: 12.0 MB			
Space available on disk: 3535.7 MB			
< <u>B</u> ack <u>N</u> ext > Cancel			

4. Ketika proses instalasi, windows akan meminta master windows 2000 Anda. Jika lokasi master Windows 2000 benar dan file yang diperlukan telah ditemukan, maka proses instalasi akan berlanjut seperti gambar di bawah ini.

. <u> </u>	
Windows Components Wizard	×
Configuring Components 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.	
Status: Completing configuration of Internet Information Services (IIS)	_
-	
< <u>B</u> ack. <u>N</u> ext >	

5. Proses instalasi telah selesai. Klik tombol **Finish** untuk menutup layar instalasi.

MEMBUAT SITE FTP

Langkah-langkah untuk membuat suatu site FTP mirip dengan pembuatan suatu Web Site. Langkah-langkah tersebut adalah :

- 1. Klik menu Start \rightarrow Programs \rightarrow Administrative Tools \rightarrow Internet Services Manager.
- 2. Klik kanan di nama server \rightarrow Klik New \rightarrow Klik FTP Site

Interne	t Information Services		ault FTP Site Bancab.pet
	Connect Disconnect		ault Web Site inistration Web Site
	Backup/Restore Configurat Restart IIS	ion:	isite Percobaan ault SMTP Virtual Server
	New	Þ	FTP Site
Ť	All Tasks	×	Web Site
	View	•	SMTP Virtual Server
	Refresh		
	Export List		
	Properties		
	Help		

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



4. Isi deskripsi mengenai Site FTP yang dibuat. Kalau sudah diisi klik tombol Next.

FTP Site Creation Wizard			×
FTP Site Description Describe the FTP site to help administrators in	dentify it.		
Type a description of the FTP site.			
Description:			
FTP Rancah.net			
	< <u>B</u> ack	<u>N</u> ext >	Cancel

5. Isi IP Address FTP Server dan Nomor Port berapa yang akan dipakai. Port 21 merupakan port standar untuk layanan FTP. Setelah diisi, klik tombol Next.

	,
FTP Site Creation Wizard	×
IP Address and Port Settings You must specify an IP address and port setting for the FTP site.	
Enter the IP address to use for this FTP site. I <u>P</u> address: 192.168.0.1 Type the TCP port for this FTP site (default = 21). <u>ICP port:</u>	
21	
< <u>B</u> ack <u>N</u> ex	t> Cancel

6. Pada layar berikutnya anda diminta untuk menentukan folder yang akan dipakai sebagai folder root FTP Server. Klik tombol Browse untuk memilih folder. Kalau sudah ditemukan foldernya, klik tombol OK. Dan kemudian klik tombol Next.

FTP Site Cre	ation Wizard	X
FTP Site H The hor	Iome Directory ne directory is the root of your FTP content subdired	ctories.
	Browse for Folder	? ×
Enter th	Select a directory:	
Path:	Image: State Stat	▲ Browse
	OK Cancel	
	< <u>B</u> ack	Next > Cancel

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

FTP Site Creation Wizard	FTP Site Creation Wizard		
FTP Site Access Permissions What access permissions do you want to set for the home directory?			
Allow the following:			
🔽 <u>R</u> ead			
Click Next to complete	the wizard.		
	< <u>B</u> ack <u>N</u> ext> Cancel		
Duran and the family of the second			
Proses pembuatan selesal,	Klik tombol Finisn.		
	You have successfully completed the FTP Site Creation Wizard.		
	< Back Finish Cancel		

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



MENDAFTARKAN SITUS FTP KE DNS SERVER

Langkah-langkahnya adalah :

1. Klik menu Start \rightarrow Programs \rightarrow Administrative Tools \rightarrow DNS Server

🚊 DNS		
] 🔔 ⊆onsole 🛛 <u>W</u> indow <u>H</u> e	elp	_ Ð ×
$]$ Action View $] \Leftrightarrow \Rightarrow$	🗈 🖬 🖆 🖶 😫	
Tree	Name	Туре
L DNS	🗐 (same as parent folder)	Start of Auth.
	🗒 (same as parent folder)	Name Server
📮 🧰 Forward Lookup Z		Host
📘 🖻 👰 . 🔤		
⊕ 🔁 alica.com		
rancah.net		
🕀 🛐 ristech.net		
⊕		
		►

2. Klik Kanan di Zone yang diinginkan, klik New Host, yang akan menampilkan layar seperti berikut.

New Host
Location:
rancah.net
Name (uses parent domain name if blank):
I <u>P</u> address: 0 .0 .0 .0
Create associated pointer (PTR) record
Add <u>H</u> ost Cancel

3. Isi **Name** dengan ftp dan kemudian isi **IP Address**nya. Lihat contoh di bawah ini. Setelah selesai klik **Add Host**.

New Host	? ×
Location:	
rancah.net	
Name (uses parent domain name if blank):	
ftp	
IP address:	
192 .168 .0 .1	
, E. Contraction de citer (DTD) accord	
Lreate associated pointer (PTR) record	
Add <u>H</u> o	st Cancel
lika berhasil maka akan muncul lay	var seperti di bawah i
DNS	
The host record ftp.rancah.net wa	as successfully created.
7	
ОК	

5. Dengan demikian site FTP ini dapat dipanggil dengan cara <u>ftp://ftp.rancah.net</u>