# LAMPIRAN

## LAMPIRAN A : Instalasi Active Directory

Start → Run → dcpromo → OK

1.

un		<u>? ×</u>
	Type the name of a program, fold Internet resource, and Windows	der, document, or will open it for you.
Open:	dcpromo	•
	OK Can	icel <u>B</u> rowse

2. Pada Welcom to the Active Directory Installation Wizard kemudian Next



3. Pada Operating System Compa-tibility kemudian Next

Active Directory Installation Wizard	×
Operating System Compatibility Improved security settings in Windows Server 2003 affect older versions of Windows.	<b>X</b>
Domain controllers running Windows Server 2003 implement security settings that require clients and other servers to communicate with those domain controllers in a more secure way.	
The following older versions of Windows cannot meet the new requirements: Windows 95 Windows NT 4.0 SP3 or earlier	
By default, computers running those versions of Windows will not be able to log on with a domain controller running Windows Server 2003 or access domain resources.	
For more information, see <u>Compatibility Help</u> .	
< <u>B</u> ack <u>Next&gt;</u> Can	cel

4. Pada Domain Controler Type ->Domain controller for a new domain -> next.

ive Direct	ory Installation Wizard
Domain C Specif	ontroller Type y the role you want this server to have.
Do you additio	want this server to become a domain controller for a new domain or an nal domain controller for an existing domain?
• Do	main controller for a new domain
Se Th	ect this option to create a new child domain, new domain tree, or new forest. is server will become the first domain controller in the new domain.
⊂ <u>A</u> d	ditional domain controller for an existing domain
⚠	Proceeding with this option will delete all local accounts on this server.
	All cryptographic keys will be deleted and should be exported before continuing.
	All encrypted data, such as EFS-encrypted files or e-mail, should be decrypted before continuing or it will be permanently inaccessible.

5. Pada Create New domain -> pilih Domain in anew forrest -> next.

Active Directory Installation Wizard	×
Create New Domain Select which type of domain to create.	<b>X</b>
Create a new:	
Domain in a new forest	
Select this option if this is the first domain in your organization or if you want the ne domain to be completely independent of your current forest.	9W
C Child domain in an existing domain tree	
If you want the new domain to be a child of an existing domain, select this option. For example, you could create a new domain named headquaters: example.microsoft.com as a child domain of the domain example.microsoft.com.	
O Domain tree in an existing forest	
If you don't want the new domain to be a child of an existing domain, select this option. This will create a new domain tree that is separate from any existing trees.	
< <u>B</u> ack <u>N</u> ext > Co	ancel

6. Isi kolom kemudian next

New Domain Name	
Specify a name for the new dor	main.
Type the full DNS name for the	new domain
Full DNS name for now domain	ampie, microson, comj.
arkka.com	

7. Otomatis terisi lalu Klik next



8. Database and Log Folders -> otomatis terisi -> Next

ctive Directory Installation Wizard		×
Database and Log Folders Specify the folders to contain the Activ	e Directory database and log	iles.
For best performance and recoverability hard disks.	y, store the database and the l	og on separate
Where do you want to store the Active	Directory database?	
Database folder:		
C:\WINDOWS\NTDS		Browse
Where do you want to store the Active	Directory log?	
Log folder:		
C:\WINDOWS\NTDS		Browse
	< Back Nex	t> Cancel

Active Directory Installation Wizard	x
Shared System Volume Specify the folder to be shared as the system volume.	
The SYSVDL folder stores the server's copy of the domain's public files. The contents of the SYSVOL folder are replicated to all domain controllers in the domain.	
The SYSVOL folder must be located on an NTFS volume.	
Enter a location for the SYSVOL folder.	
Eolder location:	
C:\WINDOWS\SYSVOL Browse	
< <u>₿</u> ack <u>N</u> ext> Cance	el

### 10. Klik Next

Verify DNS support, or	install DNS on this computer.
Diagnostic Results	
The registration diagno	ostic has been run 1 time.
None of the DNS servi interval.	ers used by this computer responded within the timeout
For more information, in	ncluding steps to correct this problem, see <u>Help</u> .
Details	
The SOA query for _ld	aptcp.dcmsdcs.wifiajb.com to find the primary DNS 📃 🚽
C I have corrected th	e problem. Perform the DNS diagnostic test again.
<ul> <li>Install and configure this DNS server as</li> </ul>	e the DNS server on this computer, and set this computer to use its preferred DNS server.
C I will correct the pro	blem later by configuring DNS manually. (Advanced)

Permissions	
Select default permissions for us	er and group objects:
Some server programs, such as stored on domain controllers.	Windows NT Remote Access Service, read information
Permissions compatible with	pre-Windows 2000 server operating systems
Select this option if you run s systems or on Windows 2000 members of pre-Windows 20 Anonymous users can	erver programs on pre-Windows 2000 server operating ) or Windows Server 2003 operating systems that are 00 domains. read information on this domain.
<ul> <li>Permissions compatible only operating systems</li> </ul>	with Windows 2000 or Windows Server 2003
Select this option if you run s Server 2003 operating syster authenticated users can read	erver programs only on Windows 2000 or Windows ns that are members of Active Directory domains. Only d information on this domain.
	10

12. Isi Kolom yang dibutuhkan kemudian Next

irectory Services Restore This password is used when Mode.	Mode Administrator Password 1 you start the computer in Directory Services Restore
Type and confirm the passw when this server is started ir	ord you want to assign to the Administrator account used Directory Services Restore Mode.
The restore mode Administra account. The passwords for both.	tor account is different from the domain Administrator the accounts might be different, so be sure to remember
Restore Mode Password:	•••••
Confirm password:	••••••
For more information about [	)irectory Services Restore Mode, see <u>Active Directory Help</u> .
	( Back Nauts Canad

ve Directory Installation Wizard		_
Summary Review and confirm the options you selec	ted.	State of the second sec
You chose to:		
Configure this server as the first domain co	entroller in a new forest of domain trees	s. 🔺
The new domain name is arkka.com. This	is also the name of the new forest.	
The NetBIOS name of the domain is ARK	<a0< td=""><td></td></a0<>	
Database folder: F:\WIND0WS\NTDS Log file folder: F:\WIND0WS\NTDS SYSVOL folder: F:\WIND0WS\SYSVOL		
The DNS service will be installed and con will be configured to use this DNS server a	figured on this computer. This comput as its preferred DNS server.	er 📕
, To change an option, click Back. To begi	n the operation, click Next.	
	< Back Next>	Cancel

14. Proses Instalasi Directory



## 15. .Klik OK



15. Proses Pengkopian

Windows Setup Installing DNS 9	Server
Configuring Components Setup is making the configurat	tion changes you requested.
Please wait while Se several minutes, dep	etup configures the components. This may take pending on the components selected.
Status: Copying files	
	< <u>B</u> ack <u>N</u> ext>

#### 18. Klik Finish



19. Klik Restart Now



## LAMPIRAN B : Instalasi CCProxy

1. Jalankan CCProxy pada server Lalu Klik Next



2. Klik Next

etup – CCProxy		
Select Destination Location Where should CCProxy be installed?		5
Setup will install CCProxy into the	following folder.	
To continue, click Next. If you would like I	o select a different folder, clic	ck Browse.
C:\CCProxy		Browse
At least 2.3 MB of free disk space is requir	ed.	
		_
	< <u>B</u> ack <u>N</u> ext	> Cance



#### 4. Klik Next

Setup - CCProxy Select Additional Tasks Which additional tasks should be performe	4?		
Select the additional tasks you would like S click Next.	ietup to perform w	vhile installing CCI	Proxy, then
Additional icons:			
🔽 Create a Quick Launch icon			
	< <u>B</u> ack	<u>N</u> ext >	Cancel

#### 5. Klik Install

🕼 Setup - CCProxy	- 🗆 🗙
Ready to Install Setup is now ready to begin installing CCProxy on your computer.	
Click Install to continue with the installation, or click Back if you want to review or change any settings.	
Destination location: C:\CCProxy	<b>A</b>
Start Menu folder: CCProxy	
Additional tasks: Additional icons: Create a Quick Launch icon	
<b>.</b>	۲ ۲
< Back	Cancel

6. Klik Finish



7. Klik Options

CCProxy	6.4.6						
Start	<b>ම</b> Stop	Options	0 🍟 Account	😺 Register	<b>⇒</b> Exit	Q. Hide	R Help
	С	CPro	x y	Youn	g Z S	oft	
Copyright(C	) 2000-200	7 Youngzsof	t	U		0/0	20:31:10

8. Isi informasi yang dibutuhkan kemudian Klik Advanced

Configuration		×
Proxy services	Protocol	Port 8080
Mail	Secure	8080
Web Cached	Gopher	8080
<ul> <li>Remote Dial-up</li> <li>Auto Startup</li> </ul>	SOCKS/MMS	2121
Auto Hide     Port Map     E	<ul><li>✓ Telnet</li><li>✓ News</li></ul>	23 119
Local IP Address:	Auto Detect	192.168.0.1
T NT Service	Advanced	Cancel

9. Isi informasi yang dibutuhkan Lalu Klik OK

	Dia	al-up Entries	Wireless Te	rminal 💌
	Dia	al-up User Name	smart	
	Dia	al-up Password	••••	
Г	Idle Disc	onnect Minutes	10	
Г	Enable A	uto Dial-up		
N	🛛 Web	🔽 Mail	FTP	🗖 Telnet
Г	SOCKS	☐ News	C Others	

10. Klik Account Manager lalu isi informasi yang dibutuhkan lalu Klik OK

Permi Auth	t Category: Permit Type: IP Add	All But			V Tim	/eb Filter e Schedule
Jser Name	IP Address	MAC Address	Conn	Band	Ena	New
nanuer	200.200.200.200					Edit
						Delete
						Select All
						Auto Scar
						Export
						Import
					F	

## LAMPIRAN C : Konfigurasi WPA2

• Jalankan Internet Browser,

Pada Address bar => ketikkan 192.168.0.2 => Enter

C      C      Intro/1922388.02/      Product Page CRE-65      Product Page CRE-65      Product Page CRE-65      D-Limk      Login to the noute:      Buer Name : [Atm      Buer Name : [Atm      Engle      Engle      UURELESS	
Product Page: CR455  Padware Version: 1.4 Versioner Version: 1.30WV  D-Linck  Log in to the noute:  User Name : [Arti • ]  Bassword :	p-
LOGIN Log in to the router: Password :	·
Engin 🖻	l
a 11 a ann ann an 11 a 1	l
Copyright & 2004-2000 U-Um Systems, Jac.	ŀ
	ļ

- Lalu, Ketikkan admin (default) untuk user name dan biarkan kosong pada password => Log In
- Maka akan muncul gambar seperti dibawah ini :



• Klik Menu Wireless Setting lalu isi informasi yang dibutuhkan.





• Setelah selesai mengisi informasi yang dibutuhkan klik Save

Setting.

📕 D-Link W	Vireless Connectio	n Manager				×
Connect	ing and key wait	Network Name: ARI IP Address: 0.0.0.0	KKA		Signal: Channel:	ll
D-Lin	nk					
DWA-125	WIRELE	SS NETWORKS	MY WIRELESS NET	WORKS	SUPPO	RT>>
SSID		MAC(BSSID)	Signal 🗸	Security	Channel	
	Connection This network ARKK Key	A requires a network ke Show text in the passwo	y (WPA-PSK/WPA2-PS) rd field	Key)		
My Wireles	s Networks ARKKA		WPS	Refresh	Activa	nect

Gambar 4.5 Tampilan di Komputer Client

# LAMPIRAN D : Data Pendukung

# 1. Sebelum Menggunakan WPA2

WIRELESS LAN						
Wireless Radio: Enabled						
802.11 Mode: Mixed 802.11n, 802.11g and 802.11b						
Channel Width: 20MHz						
Channel: 2						
WISH: Active						
Wi-Fi Protected Setup : Enabled/Configured						
SSID List						
Network Name (SSID)	Guest	MAC Address	Security Mode			
ARKKA	No	00/26/5a/b4/72/23	Disabled			

NUMBER OF DYNAMIC DHCP CLIENTS:3						
Hardware Address	Assigned IP	Hostname	Expires			
00:21:00:50:a1:59	192.168.0.48		Never	<u>Revoke</u>	Reserve	
00:15:f2:72:1c:03	192.168.0.49	ARKKA_TATA	Never	<u>Revoke</u>	Reserve	
00:11:2f:b8:3d:f1	192.168.0.50	ARKKA_IMANUEL	Never	<u>Revoke</u>	Reserve	

# 2. Sesudah Menggunakan WPA2

WIRELESS LAN					
Wireles	s Radio : Enabled				
802.11 Mode: Mixed 802.11n, 802.11g and 802.11b					
Channel Width: 20MHz					
Channel: 1					
WISH: Active					
Wi-Fi Protected	I Setup : Enabled/Conf	ìgured			
SSID List					
Network Name (SSID)	Guest	MAC Address	Security Mode		
ARKKA	No	00:26:5a:b4:72:23	WPA2 Only - Personal		

NUMBER OF DYNAMIC DHCP CLIENTS:6					
Hardware Address	Assigned IP	Hostname	Expires		
00:15:f2:72:1c:03	192.168.0.101	ARKKA_TATA	Never	<u>Revoke</u>	Reserve
00:26:18:bf:c5:4d	192.168.0.130	ARKKA_CECE	Never	<u>Revoke</u>	Reserve
00:11:2f:b8:3b:6e	192.168.0.142	ARKKA	Never	<u>Revoke</u>	Reserve
6c:fU:49:42:ce:9f	192.168.0.171	ARKKA_BUYANI	Never	<u>Revoke</u>	Reserve
00:1b:fc:36:e1:46	192.168.0.188	ARKKA_DEWI	Never	<u>Revoke</u>	Reserve
00:11:2f:b8:3d:f1	192.168.0.194	ARKKA_IMANUEL	Never	<u>Revoke</u>	Reserve

# 3. LOG

Product Page: DIR-655 Hardware Version: A4 Firmware Version: 1.30WW				
D-Link				
DIR-655 // SETU	JP ADVANCED	TOOLS	STATUS	SUPPORT
DEVICE INFO				Helpful Hints
LOGS Use this op view and t can send t	Use this option to view the router logs. You can define what types of events you want to     wiew and the event levels to view. This router also has internal systog server support to you     can send the log files to a computer on you network that is nurning asystog utility.			Check the log frequently to detect unauthorized network usage.
INTERNET SESSIONS	TERNET SESSIONS			mailed to you periodically. Refer to Tools → EMail.
WISH SESSIONS	IUNS			More
	What to View : 🗹 Firewal	I & Security ♥ System ♥ F	louter Status	
English 💟	View Levels : Critical	a Settings Now	ntormational	
	Hopsy co	g seconds new		
LOG DETAILS				
	Refresh Clear	Email Now Sa	ve Loa	
Briority Time	22 Li Message	og Entries:		
- Sat lan 31 13	R 15:15 A network co	muter (00112E883	(DF1) was assigned	d the IP
[WARN] 2004	address of 192	2.168.0.194.	Di I) was assigne	
[WARN] Sat Jan 31 13 2004	3:15:15 A network co address of 192	mputer (001BFC36E 2.168.0.188.	146) was assigne	d the IP
[WARN] Sat Jan 31 13 2004	3:15:13 A network co address of 192	mputer (6CF04942C 2.168.0.171.	E9F) was assigne	d the IP
[WARN] Sat Jan 31 13 2004	3:15:10 A network co address of 192	mputer (00112FB83 2.168.0.142.	186E) was assigne	d the IP
[WARN] Sat Jan 31 13 2004	3:15:10 A network co address of 192	mputer (002618BFC 2.168.0.130.	54D) was assigne	d the IP
[WARN] Sat Jan 31 13 2004	3:15:07 A network co address of 192	mputer (0015F2721 2.168.0.101.	.CO3) was assigne	d the IP
[INFO] Sat Jan 31 13 2004	3:15:06 Log viewed by	IP address 192.16	3.0.194	
[INFO] Sat Jan 31 13 2004	3:15:01 Stored configu	uration to non-volati	le memory	

# LAMPIRAN E : Spesifikasi dan Estimasi Biaya

Komponen	Spesifikasi
Main Board	Asus P5QPL-AM
Processor	Intel Core 2 Quad Core Q8400 2.66 GHz
Hard Disk	320 GB atau lebih
Memory	2 GB RAM
CDROM drive	52x atau lebih cepat
Optional	Keyboard & Mouse, Untuk instalasi network diperlukan 2
Components	network adapter (NIC). Casing
	Total : Rp 7.000.000

# 1. Komputer Server

# 2. Komputer Client

Komponen	Spesifikasi
Main Board	Asus P5VDC-MX
Processor	Pentium IV 3.06 GHz.
Hard Disk	160 Gb atau lebih
Memory	512 MB RAM
Optional Components	FloppyDisk,Keyboard, Untuk instalasi network diperlukan network adapter (NIC),. Casing
	Total : Rp. 4.000.000,-

# 3. Perangkat Pendukung

Komponen	Spesifikasi
Access Point	Mendukung WPA2
Switch/Hub	Terminal untuk jaringan
Kabel UTP	Kabel Cat 5e
Connector RJ 45	Kabel Koneksi
Crimp Toll / Tang UTP	Alat Pembuat Kabel Koneksi
	Total : Rp. 3.500.000,-

<b>2</b> 7	1 1	Shell - Konsole <3>
yoda yomama young yvonne zenith zeppelin zhongquo		Dack Jack
biscotte PROVIEW!	_	
wright xxxx yoda young yvonne zenith zeppelin zhongguo biscotte		OACK
 		Shell - Konsole <3
wolverin wombat wonder wright xxxx yoda yomama young yvonne zenith		OACK
<u>= •</u>	1 1	Shell - Konsole <3>
warriors whitney wolfMan wolverin wombat wonder wright xxxx yoda yomama		DACK

# LAMPIRAN F : Daftar-Daftar Kata Kunci di BackTrack

# LAMPIRAN G : Surat Keterangan

#### DAFTAR RIWAYAT HIDUP

## DATA PRIBADI

Nama	: Imanuel Tunggorono	
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#### **PENDIDIKAN FORMAL**

•	1993-1999	: SDN Harapan Jaya II
•	1999-2002	: SLTPN 5 Bekasi
•	2002-2005	: SMKN 1 Kota Bekasi
•	2007-2010	: Universitas Esa Unggul
		S1 Teknik Informatika

#### KETRAMPILAN

- Software : Mampu mengoperasikan Internet, Windows, Ms Word, Ms. Excel, Ms. PowerPoint, Ms. Access, Ms. Visual Basic, PHP, SQL Server dan Installasi software
- Hardware : Cisco dan mengerti hardware komputer dan bisa melakukan perakitan dan trouble-shooting

#### PENGALAMAN KERJA

- 21 November 2005-Sekarang : Staff Administrasi PT. Arkka Buana Utama Dinamika
  - Membuat Administrasi Lelang (Spesifikasi Barang)
  - Membuat Permintaan Harga
  - Mencari Barang di Internet & Catalog

- Troubleshooting Jaringan Komputer Berbasis Windows XP
- Instalasi Sistem Operasi dan Program Aplikasi
- Instalasi Jaringan Local Area Network (LAN)
- Perawatan dan Perbaikan Komputer
- Januari-Maret 2004 : Praktek Kerja di PT Woong Do Fiberindo
  - Perawatan dan Perbaikan Komputer

## • 12 Maret-12 Mei 2004 : Praktek Kerja di UPT Universitas Pelita Harapan

- Instalasi dan Pengkoneksian Jaringan Komputer
- Troubleshooting Jaringan
- Instalasi Sistem Operasi dan Program Aplikasi