Installatie Windows 2003 Active Directory incl DNS + DHCP

Hoe installeer ik Windows 2003 Active Directory?

Tevens wordt de server een domain controller, waardoor DNS en DHCP meteen meegeinstalleerd worden



Na de default installatie van Windows 2003 is de server als volgt opgestart klik op: Add or remove a role

r eliminar You car continui	y Steps n ensure that you successfully configure your ing.	server by completing the follo	owing steps before	
Before	continuing, verify that the following steps hav	ve been completed.		
 Instant 	stall all modems and network cards.		\sim	
 At 	tach all necessary cables.			
• If	you plan to use this server for Internet conne	ectivity, connect to the Interr	net now.	
• Tu	rn on all peripherals, such as printers and ext	ternal drives.		
• Ha	we your Windows Server 2003 Setup CD ava	ilable, or know your network i	nstallation path.	
When y	ou click Next, the wizard will search for netwo	ork connections.		
			1	

Klik op next

Configure Your Se	rver Wizard		
Please wait while th or more for each n	he wizard detec etwork connect	ts your network settings. 1 ion on this server.	This may take a minute
Detecting settings	for Local Area (Connection	
=]		

guration Options ou can add a common set of roles to this serve oles to add or remove. onfigure this server using: Uppical configuration for a first server mplify the setup of a new network by adding a o this server as a domain controller by installing	er, or you can customize this server by specifying th	ie 🖸
onfigure this server using: Typical configuration for a first server mplify the setup of a new network by adding a o this server as a domain controller by installing	a common set of roles for a first server. This option	2222
Typical configuration for a first server mplify the setup of a new network by adding a o this server as a domain controller by installing	a common set of roles for a first server. This option	
mplify the setup of a new network by adding a o this server as a domain controller by installing	common set of roles for a first server. This option :	
erver and DHCP server (if required) for IP add	g the Active Directory directory service and installs I ress management.	Sets
Custom configuration		
ustomize this server by adding the roles, such ou want it to perform. You can also use this op	as file server, print server, or application server, th tion to remove existing roles from this server.	iat
	4	
	< <u>B</u> ack <u>N</u> ext > Cancel	Help
	⊆ustom configuration Istomize this server by adding the roles, such u want it to perform. You can also use this op	<u>C</u> ustom configuration Istomize this server by adding the roles, such as file server, print server, or application server, th u want it to perform. You can also use this option to remove existing roles from this server.

Aangezien dit onze 1e server is, is de eenvoudigste manier te kiezen voor een typical installation hierdoor wordt niet alleen Active Directory maar ook DNS + DHCP meegeinstalleerd Klik op next

Configure Your Server Wizard
Active Directory Domain Name An Active Directory domain is identified by a DNS name.
Type the full DNS name for the new domain.
Active Directory domain name:
Knuddesoft2000.local
Example of a full DNS name: smallbusiness.local
By using the extension ".local" at the end of your Active Directory domain name, you can ensure that your internal domain remains separate from your Internet domain.
\searrow
< <u>B</u> ack <u>N</u> ext > Cancel Help

De gekozen naam is volledig willekeurig, vul hier iets in waar je zelf de voorkeur aan geeft, ik zou zeker niet je domeinnaam opgeven, doch een duidelijke scheiding aanbrengen dat dit om een locale server gaat d.m.v. de toevoeging **.local** (wat niet wil zeggen dat we straks niet het internet op kunnen) Klik op next

NetBIOS Name		
Clients running versions of Windows other Server 2003 family will use the NetBIOS do	than Windows 2000, Windows XP, and the Windows main name.	1 Martin
The default NetBIOS name is derived from	the DNS domain name.	
DNS domain name:		
Knuddesoft2000.local		
K52000		
8		
	Ň	
	<i>₽</i>	
	2	
	5	

Ook de NetBIOSname is weer fictief gekozen, deze is alleen van belang voor pre-windows 2000/2003/xp servers/computers, aangezien deze niet met Active Directory om kunnen gaan (denk maar aan WINS, welke hier niet besproken wordt, omdat ik ervan uitga dat op dit moment XP al dusdanig is ingeburgerd en derhalve niet nodig is)

Klik op next

ngure tour server wizard		
A DNS server that is designated as a for resolve.	varder resolves DNS queries that this server c	annot
This server might receive DNS queries (re cannot resolve. You can set up this serve forwarder.	quests to translate IP addresses into compute r to forward these queries to another DNS sei	r names) that it rver, called a
If your Internet connection is provided b address of the appropriate forwarder. If the address.	/ an Internet Service Provider (ISP), contact t you do not use an ISP, contact your network	he ISP for the administrator for
Do you want this server to forward unre	olved DNS queries?	
Yes, forward queries to a DNS server	with this IP address:	
194 . 109 . 104 . 104		
C No. do not formand an other		
\bigcirc No, do not rorward queries	N	
	45	
		AN AN
	Z Pack Next > Can	
		reip -

Hier wordt het IP-adres van een DNS-server van internet ingevuld, in dit geval is het de Primaire DNS van XS4ALL, maar dit mag/kan ook elke andere DNS server van een ISP zijn Klik op next

View and confirm the options you	J have selected.	
Summary:		
Install DHCP server (if required) Install Active Directory and DNS Create the following full domain Forward unresolved DNS querie) 5 server (sets up this server as a domain controller) 1 name: Knuddesoft2000.local 25 to the following server: 194.109.104.104	
	<i>⊊</i>	
To change your selections, click E	Back. To continue setting up this role, click Next.	
To change your selections, click E	Back. To continue setting up this role, click Next.	
	< <u>Back</u> <u>Next</u> Cancel	14610

Klik op next

nfigure Yo	ur Server Wizard	
Applying The C	Selections Configure Your Server Wizard is adding the selected role to this server.	No.
-		Ĩ.
Conf	igure Your Server Wizard	
Du clo	ring this process, the Configure Your Server Wizard restarts your computer. Before continuing, ise any open programs.	
2 2		
	< Back Next > Cancel	P"

De server zal tijdens (aan het einde van) de installatie rebooten Klik op ok

Applying S The Co	elections Ifigure Your Server Wizard is adding the selected role to this server.	R
	Insert Disk Image: Server 2003. Enterprise Edition CD-ROM' into your CD-ROM drive (D:) and then click OK. You can also click OK if you want files to be copied from an alternate location, such as a floppy disk or a network server. Image: I	
	< <u>B</u> ack <u>N</u> ext > Cancel	

Als je toch vergeten was bij afbeelding 2 de CD-Rom van Windows 2003 in de cd-drive te doen, dan zal deze herrinnering verschijnen, zij die dit wel hebben zullen bovenstaande afbeelding niet zien Klik (indien nodig) op ok

Configure Your Server Wizard	×
Applying Selections The Configure Your Server Wizard is adding the selected role to this server.	No.
Installing and configuring Active Directory and DNS	
Installing Active Directory	
< <u>B</u> ack <u>N</u> ext > Cancel	- AND

De nodige schermen m.b.t. tot de voortgang zullen verschijnen, en na afloop zal er gereboot worden waarna onderstaande afbeelding zal verschijnen

nfigure	Your Server Wizard
Server The	Configuration Progress • following actions you have selected are now being performed.
-	Assign static IP address:
~	Install DHCP server
~	Install Active Directory
	Install DNS server
~	Assign DNS forwarder: 194.109.104.104
-	Configure and activate DHCP scope: 10.0.0.10 to 10.0.0.254
~	Authorize DHCP server in Active Directory
~	Set up an application naming context in Active Directory on this domain controller for use by TAPI client applications
Ser	ver configuration progress:
Ser	ver configuration is complete.
	< Back Mext > Cancel Holp >

Het rode - teken is niet zozeer een foutmelding, maar voor wie ook de installatiebeschrijving van Windows 2003 heeft gelezen, weet dat we daar al een vast (fixed) IP-adres hebben ingevoerd Klik op next



Klik op Finish, de installatie is afgerond en je keer terug naar het scherm zoals in afbeelding 1, echter er zijn nu 3 onderdelen bij gekomen

🂐 Manage	2 Your Server		
	Manage Your Server	Search Help and Suppor	t Center 🔁 🄁
9	Managing Your Server Roles Use the tools and information found here to add or remove roles and perform your daily administrative tasks. Your server has been configured with the following roles: Tomain Controller (Active Directory)	 Add or remove a role Read about server roles Read about remote administration 	Iools and Updates Administrative Tools More Tools Windows Update Computer and Domain Name Information Internet Explorer Enhanced Security Configuration Server Management
	Domain controllers use Active Directory to manage network resources such as users, computers, and applications. DNS Server	 Manage users and computers in Active Directory Manage domains and trusts Manage sites and services Review the next steps for this role 	See Also Help and Support Microsoft TechNet Deployment and Resource Kits List of Common Administrative Tasks Windows Server Communities What's New
	DNS (Domain Name System) servers translate domain and computer DNS names to IP addresses.	 Manage this DNS server Review the next steps for this role 	Strategic Technology Protection Program
	DHCP (Dynamic Host Configuration Protocol) servers assign IP addresses to network clients.	Manage this DHCP server	**************************************