

## 1) Installation af server 2003

### Del 1: basalininstallation

Tænd for PC'en og stik Server CD-rom'en i drevet, eller ditto og genstart maskinen.

Tidligt i opstarten skal boot på CD accepteres ved at trykke på en tast.

Hvis boot på CD fejler, gå ind i BIOS og ret boot-sekvensen til, så PC'en booter fra CD før harddisk.

	<p>Først loades en del filer ind i RAM'en:</p>
	<p>Tast Enter</p>



## Opgavehæfte til kursus i Netteknik7

<pre>Windows Licensing Agreement  END-USER LICENSE AGREEMENT FOR MICROSOFT SOFTWARE  MICROSOFT WINDOWS SERVER 2003, STANDARD EDITION MICROSOFT WINDOWS SERVER 2003, ENTERPRISE EDITION  PLEASE READ THIS END-USER LICENSE AGREEMENT ("EULA") CAREFULLY. BY INSTALLING OR USING THE SOFTWARE THAT ACCOMPANIES THIS EULA ("SOFTWARE"), YOU AGREE TO THE TERMS OF THIS EULA. IF YOU DO NOT AGREE, DO NOT USE THE SOFTWARE AND, IF APPLICABLE, RETURN IT TO THE PLACE OF PURCHASE FOR A FULL REFUND.  THIS SOFTWARE DOES NOT TRANSMIT ANY PERSONALLY IDENTIFIABLE INFORMATION FROM YOUR SERVER TO MICROSOFT COMPUTER SYSTEMS WITHOUT YOUR CONSENT.  1. GENERAL. This EULA is a legal agreement between you (either an individual or a single entity) and Microsoft Corporation ("Microsoft"). This EULA governs the Software, which includes computer software (including online and electronic documentation) and any associated media and printed materials. This EULA applies to updates, supplements, add -on components, and Internet-based services components of</pre>	<p>Efter endnu en del kopiering popper licens-aftalen frem – tast blot F8 for at acceptere den.</p>
<pre>F8=I agree ESC=I do not agree PAGE DOWN=Next Page  Windows Server 2003, Standard Edition Setup  The following list shows the existing partitions and unpartitioned space on this computer.  Use the UP and DOWN ARROW keys to select an item in the list.  • To set up Windows on the selected item, press ENTER. • To create a partition in the unpartitioned space, press C. • To delete the selected partition, press D.  8190 MB Disk 0 at Id 0 on bus 0 on symmpi [MBR]   Unpartitioned space          8189 MB  ENTER=Install C=Create Partition F3=Quit</pre>	<p>Her kan den interne harddisk partitioneres. Hvis der eksisterer partitioner i forvejen kan de slettes og nye partitioner kan oprettes.</p> <p>I dette tilfælde oprettes en partition ved at taste C</p>

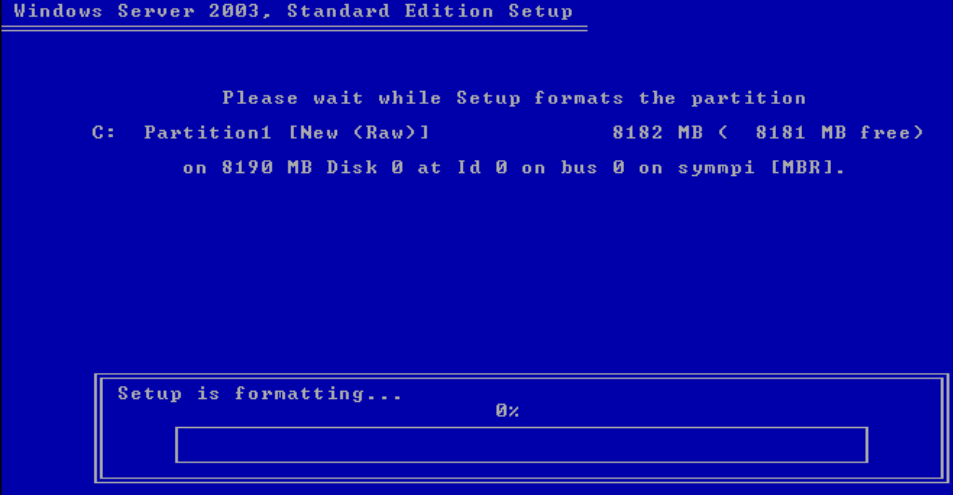
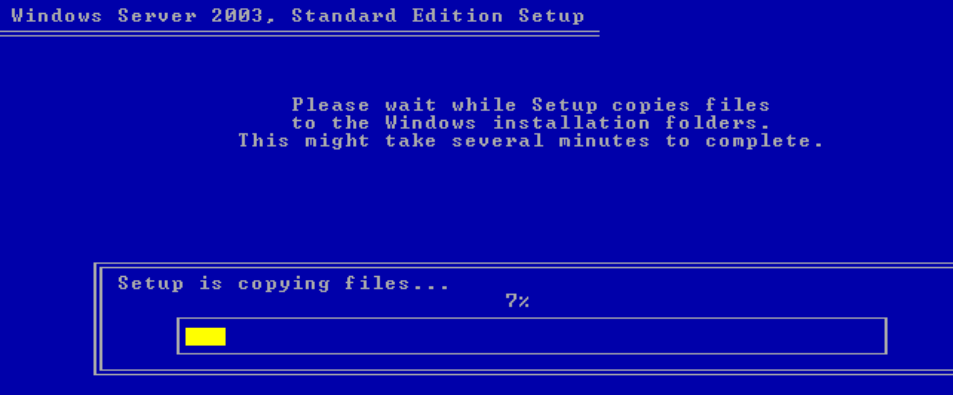



## Opgavehæfte til kursus i Netteknik7

<pre>Windows Server 2003, Standard Edition Setup  You asked Setup to create a new partition on 8190 MB Disk 0 at Id 0 on bus 0 on symmpi [MBR].  • To create the new partition, enter a size below and   press ENTER.  • To go back to the previous screen without creating   the partition, press ESC.  The minimum size for the new partition is      8 megabytes &lt;MB&gt;. The maximum size for the new partition is 8182 megabytes &lt;MB&gt;. Create partition of size &lt;in MB&gt;: 8182</pre>	<p>I dette tilfælde oprettes en samlet partition.</p> <p>Hvis der er god plads på serveren anbefaler jeg, at der oprettes en partition på mindst 10 GB til server-installationen, mens rettes forbliver upartitioneret.</p>
<pre>Windows Server 2003, Standard Edition Setup  The following list shows the existing partitions and unpartitioned space on this computer.  Use the UP and DOWN ARROW keys to select an item in the list.  • To set up Windows on the selected item, press ENTER. • To create a partition in the unpartitioned space, press C. • To delete the selected partition, press D.  8190 MB Disk 0 at Id 0 on bus 0 on symmpi [MBR]  C: Partition1 [New &lt;Raw&gt;]      8182 MB &lt; 8181 MB free&gt; Unpartitioned space          8 MB</pre>	<p>Marker den oprettede partition og tast Enter.</p>
<pre>Windows Server 2003, Standard Edition Setup  The partition you selected is not formatted. Setup will now format the partition.  Use the UP and DOWN ARROW keys to select the file system you want, and then press ENTER.  If you want to select a different partition for Windows, press ESC.  Format the partition using the NTFS file system &lt;Quick&gt; Format the partition using the FAT file system &lt;Quick&gt; Format the partition using the NTFS file system Format the partition using the FAT file system</pre>	<p>Formater med NTFS og tast Enter.</p>

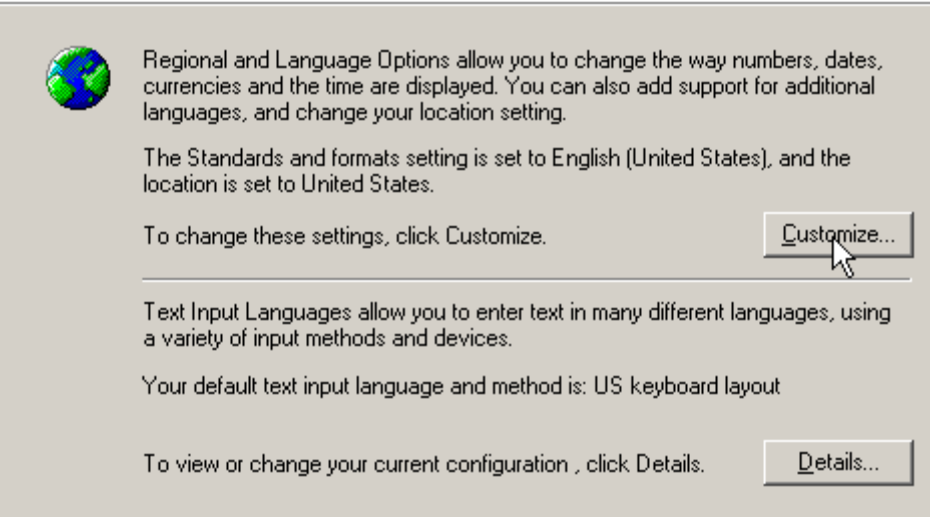


# Opgavehæfte til kursus i Netteknik7

 <p>Windows Server 2003, Standard Edition Setup</p> <p>Please wait while Setup formats the partition</p> <p>C: Partition1 [New (Raw)] 8182 MB ( 8181 MB free) on 8190 MB Disk 0 at Id 0 on bus 0 on symmpi [MBR].</p> <p>Setup is formatting... 0%</p>	<p>Partitionen formateres, og....</p>
 <p>Windows Server 2003, Standard Edition Setup</p> <p>Please wait while Setup copies files to the Windows installation folders. This might take several minutes to complete.</p> <p>Setup is copying files... 7%</p>	<p>Filer kopieres til den.</p>
 <p>Microsoft Windows</p> <ul style="list-style-type: none"><li>Collecting information</li><li>Dynamic Update</li><li>Preparing installation</li><li><b>Installing Windows</b></li><li>Finalizing installation</li></ul> <p>The Windows Server 2003 family provides the most productive infrastructure platform for powering networks, applications, and Web services</p> <p>Setup will complete in approximately: 39 minutes</p>	<p>Efter en genstart starter installation i en grafisk grænseflade, hvor der skal besvares en række spørgsmål.</p>

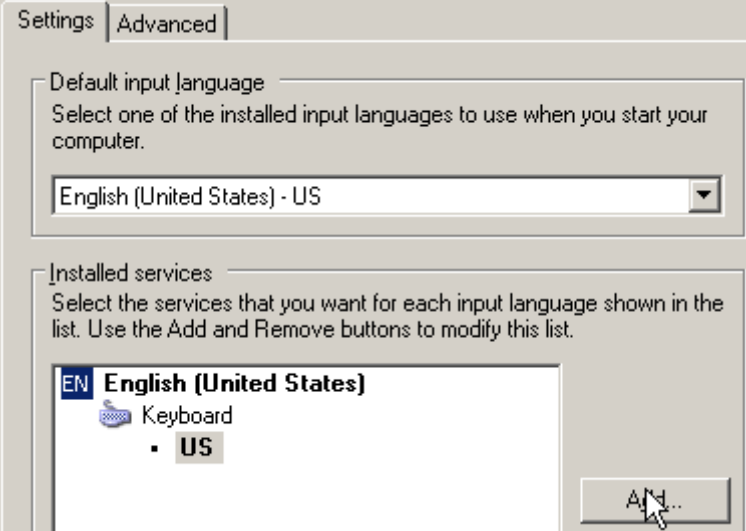
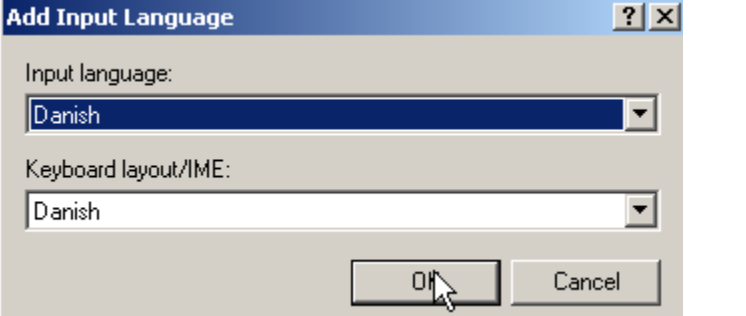
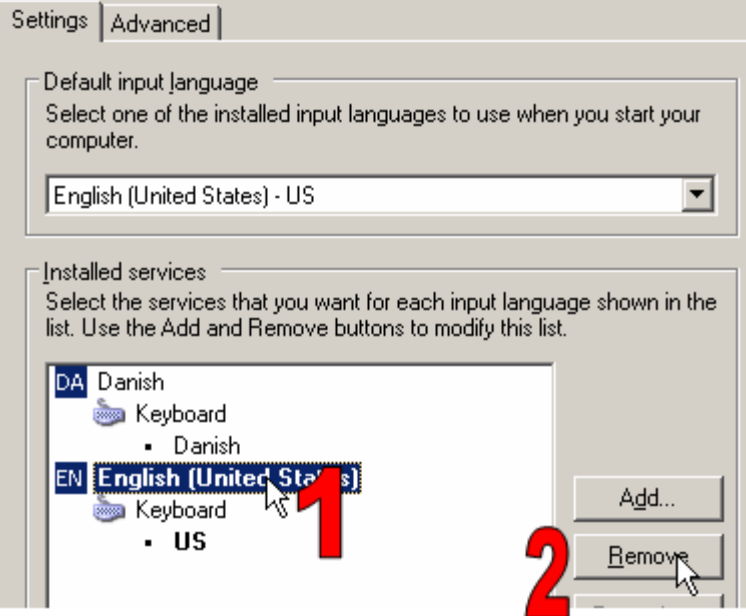
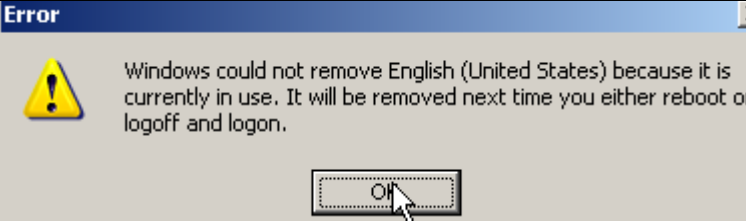


# Opgavehæfte til kursus i Netteknik7

<p><b>Regional and Language Options</b> You can customize Windows for different regions and languages.</p>  <p>Regional and Language Options allow you to change the way numbers, dates, currencies and the time are displayed. You can also add support for additional languages, and change your location setting.</p> <p>The Standards and formats setting is set to English (United States), and the location is set to United States.</p> <p>To change these settings, click Customize.</p> <p>Text Input Languages allow you to enter text in many different languages, using a variety of input methods and devices.</p> <p>Your default text input language and method is: US keyboard layout</p> <p>To view or change your current configuration, click Details.</p>	<p>Klik som vist:</p>
<p><b>Regional and Language Options</b></p> <p>Regional Options   <b>Languages</b>   Advanced</p> <p>Standards and formats</p> <p>This option affects how some programs format numbers, currencies, dates, and time.</p> <p>Select an item to match its preferences, or click Customize to choose your own formats:</p> <p>Danish</p> <p>Samples</p> <p>Number: 123.456.789,00</p> <p>Currency: kr 123.456.789,00</p> <p>Time: 13:16:16</p> <p>Short date: 04-06-2007</p> <p>Long date: 4. juni 2007</p> <p>Location</p> <p>To help services provide you with local information, such as news and weather, select your present location:</p> <p>United States</p>	<p>Vælg Danish og fanebladet Languages:</p>
<p>Regional Options   Languages   <b>Advanced</b></p> <p>Text services and input languages</p> <p>To view or change the languages and methods you can use to enter text, click Details.</p>	<p>Klik på knappen Details:</p>




## Opgavehæfte til kursus i Netsteknik7

		Klik Add...
		Tast blot D – så hopper den selv til Danish begge steder – klik OK:
		Markér English og klik Remove og Apply:
		Den viste melding popper op – klik blot OK, Marker English igen, og klik Remove.

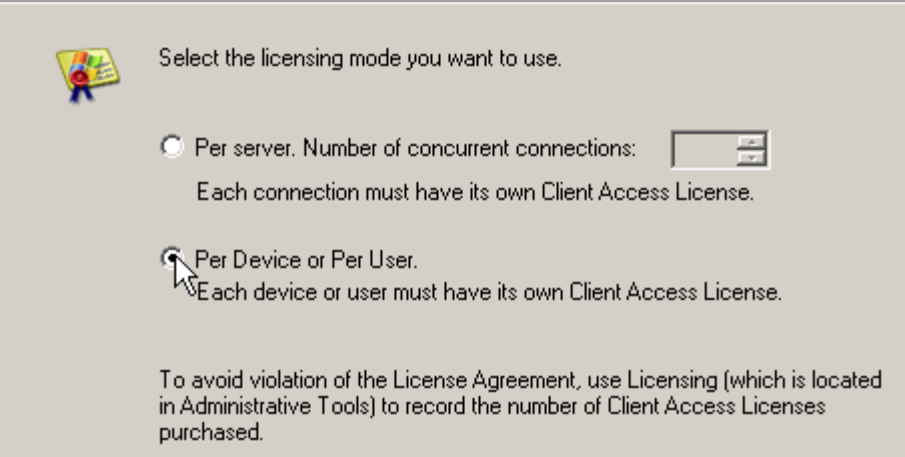
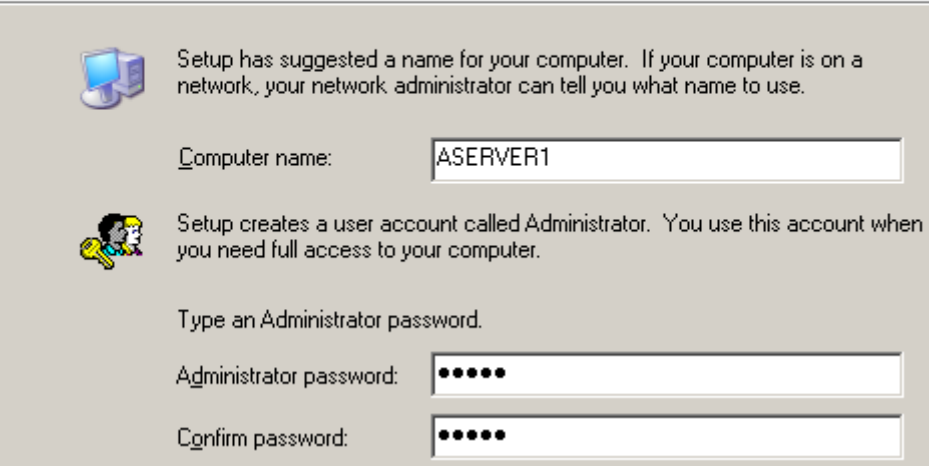



## Opgavehæfte til kursus i Netteknik7

<p>Regional Options   Languages   <b>Advanced</b></p> <p>Language for non-Unicode programs</p> <p>This system setting enables non-Unicode programs to display menus and dialogs in their native language. It does not affect Unicode programs, but it does apply to all users of this computer.</p> <p>Select a language to match the language version of the non-Unicode programs you want to use:</p> <p>Danish</p>		<p>Vælg Fanebladet Advanced og vælg også her Danish. Klik OK og Next</p>
<p>Type your full name and the name of your company or organization.</p> <p>Name: <input type="text" value="euc"/></p> <p>Organization: <input type="text" value="euc"/></p> <p>&lt; Back   Next &gt;</p>		<p>Skriv blot som vist og klik Next</p>
<p><b>Your Product Key</b></p> <p>Your Product Key uniquely identifies your copy of Windows.</p>  <p>Please see your License Agreement Administrator or System Administrator to obtain your 25-character Volume License product key. For more information see your product packaging.</p> <p>Type the Volume License Product Key below:</p> <p>Product Key:</p> <p><input type="text" value="XXXXX"/> - <input type="text" value="XXXXX"/> - <input type="text" value="XXXXX"/> - <input type="text" value="XXXXX"/> - <input type="text" value="XXXXX"/></p>		<p>Skriv licenskoden – udleveres af læreren.</p>




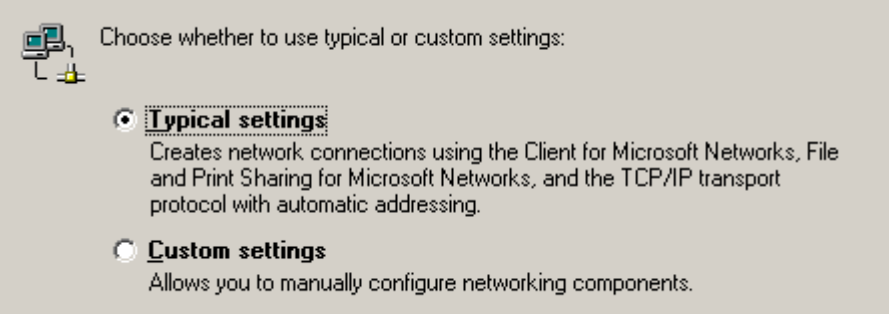
## Opgavehæfte til kursus i Netsteknik7

<p><b>Licensing Modes</b> Windows Server 2003 supports two licensing modes.</p>  <p>Select the licensing mode you want to use.</p> <p><input type="radio"/> Per server. Number of concurrent connections: <input type="text" value="255"/> Each connection must have its own Client Access License.</p> <p><input checked="" type="radio"/> Per Device or Per User. Each device or user must have its own Client Access License.</p> <p>To avoid violation of the License Agreement, use Licensing (which is located in Administrative Tools) to record the number of Client Access Licenses purchased.</p>	<p>Vælg Licens mode som vist og klik Next</p>
<p><b>Computer Name and Administrator Password</b> You must provide a name and an Administrator password for your computer.</p>  <p>Setup has suggested a name for your computer. If your computer is on a network, your network administrator can tell you what name to use.</p> <p>Computer name: <input type="text" value="ASERVER1"/></p> <p>Setup creates a user account called Administrator. You use this account when you need full access to your computer.</p> <p>Type an Administrator password.</p> <p>Administrator password: <input type="password" value="•••••"/></p> <p>Confirm password: <input type="password" value="•••••"/></p>	<p>Giv Installationen et navn – det vil afhænge af hvilke server du er i gang med at installere – se i opgave <b>Fejl!</b> <b>Henvisningskilder ikke fundet..</b></p> <p>Vælg admin som password – det er til at huske.</p>
 <p>You have specified a password for the Administrator account that does not meet the criteria for strong passwords. We recommend that you use a password that meets the first two criteria below and at least three of the others:</p> <ul style="list-style-type: none"><li>- Has at least 6 characters</li><li>- Does not contain "Administrator" or "Admin"</li><li>- Contains uppercase letters (A, B, C, and so on)</li><li>- Contains lowercase letters (a, b, c, and so on)</li><li>- Contains numbers (0, 1, 2, and so on)</li><li>- Contains non-alphanumeric characters (#, &amp;, ~, and so on)</li></ul> <p>Are you sure you want to continue with the current password?</p> <p><input type="button" value="Yes"/> <input type="button" value="No"/></p>	<p>Klik blot Yes til denne popup.</p>



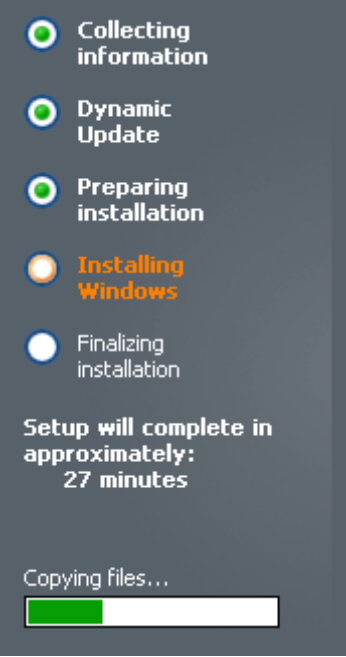


# Opgavehæfte til kursus i Netsteknik7

 <p><b>Improved security</b></p> <p>The Windows Server 2003 family delivers enhanced security with Internet Information Services 6.0, which offers restricted, safer functionality by default, SmartCard authentication, and improved security technologies to protect your infrastructure.</p> <p>Setup will complete in approximately: 32 minutes</p> <p>Installing Network</p>		Så kører det for os!!!! – i endnu et stykke tid.
 <p>Choose whether to use typical or custom settings:</p> <p><input checked="" type="radio"/> <b>Typical settings</b> Creates network connections using the Client for Microsoft Networks, File and Print Sharing for Microsoft Networks, and the TCP/IP transport protocol with automatic addressing.</p> <p><input type="radio"/> <b>Custom settings</b> Allows you to manually configure networking components.</p>		Vælg som vist og klik Next:
<p><b>Workgroup or Computer Domain</b></p> <p>A workgroup is a collection of computers that have the same workgroup name. A domain is a collection of computers defined by a network administrator.</p> <p>Do you want this computer to be a member of a domain? (You may need to obtain this information from your network administrator.)</p> <p><input checked="" type="radio"/> No, this computer is not on a network, or is on a network without a domain. Make this computer a member of the following workgroup:</p> <p><input type="text" value="WORKGROUP"/></p> <p><input type="radio"/> Yes, make this computer a member of the following domain:</p> <p><input type="text"/></p>		Vælg som vist og klik Next:


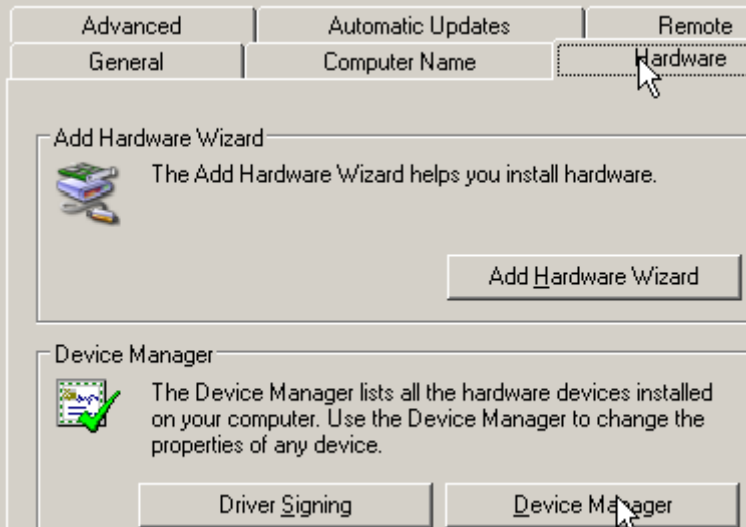


## Opgavehæfte til kursus i Netteknik7


	<p>Så kører det igen og efter en genstart er installationen færdig.</p>
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### Del 2: Checke hardware

Checkning af hardware foregår i Device Manager:

	<p>Højreklik på My computer og vælg Properties.</p>
	<p>Vælg som vist:</p>

## Opgavehæfte til kursus i Netteknik7

	<p>I dette tilfælde er der igen gule spørgsmålstegn, men hvis der er det, læg mærke til om det omfatter netkortet og/eller grafikkortet – disse drivere skal installeres.</p> <p>Bruger Internettet, læreren og evt. andre værktøjer, så som PC Wizard: <a href="http://www.pcworld.dk/download/66/1445">http://www.pcworld.dk/download/66/1445</a></p>
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### **Del 3: Kopier i386 til C-drev i separat mappe (f.eks. 2k3)**

Kopier i386 mappen og support-mappen fra Server CD til en nyoprettet mappe på C-drevet :



### **Del 4: Installere SP**

Download den nyeste service pack til server 2003 (eller få den udleveret af læreren) og gennemfør installationen ved at dobbeltklikke på den downloadede \*.exe-fil.

### **Del 5: Slipstreaming af den kopierede i386 mappe.**

Placer den pågældende Servicepack exe-fil eller hotfix i en mappe. Stien til denne mappe kaldes, f.eks. c:\sp.

I386-mappen fra server-CD skal nu opdateres med den nyeste SP. Denne i386 er placeret i en mappe – stien hertil kaldes f.eks c:\2k3

Fra kommandoprompt, skriv denne kommando: *hotfixname /x*

Pak hotfixen ud i samme mappe. Når den er udpakket, åben en kommandoprompt og gå til c:\sp\i386\update og skriv: *update /s:c:\2k3*

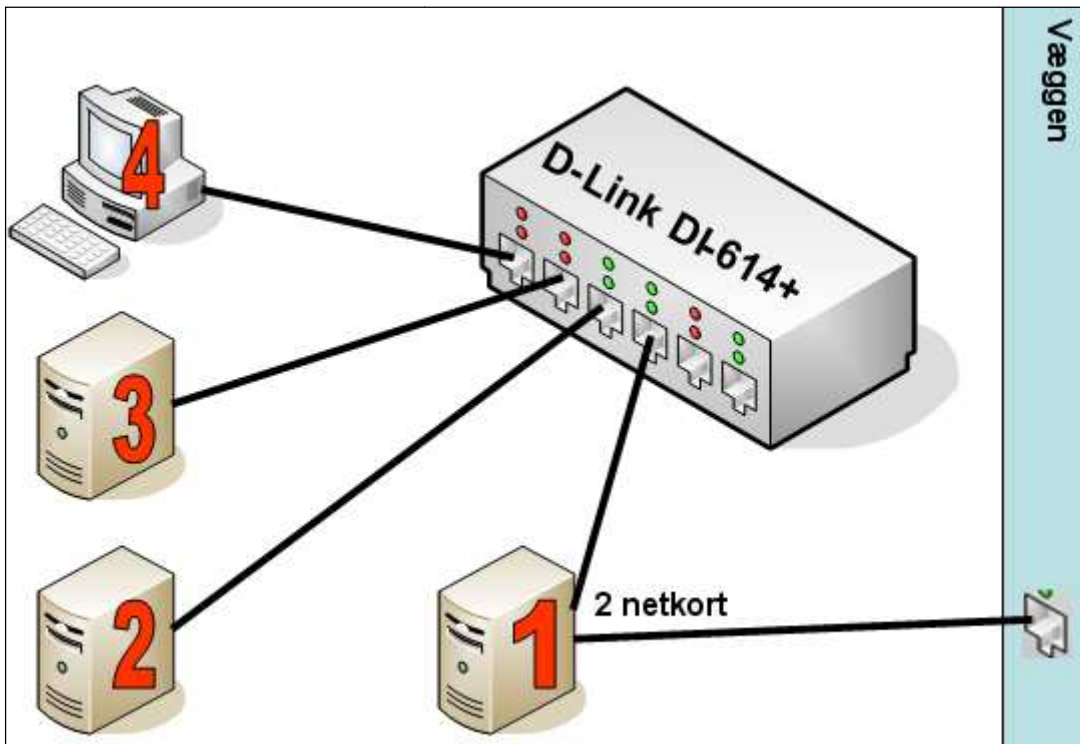
Læg mærke til at i386-mappen ikke skal medtages i kommandoen.

Denne kommando integrerer en servicepack eller hotfix i en eksisterende i386-mappe.

## **2) Opsætning af det fysiske netværk.**



## Opgavehæfte til kursus i Netteknik7



Først skal computerne forbindes, dels til switchen, dels – for nr. 1's vedkommende – til væggen, som vist på tegningen.

Sørg for at slå DHCP servicen og wireless access-point fra i D-Link'en.

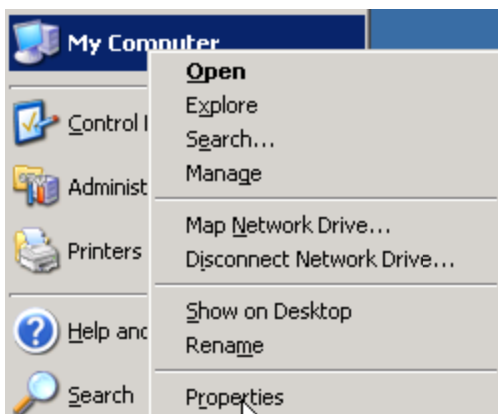
### Hvis ikke det er sket:

Kopier i386 mappen fra Server CD til C-drevet:

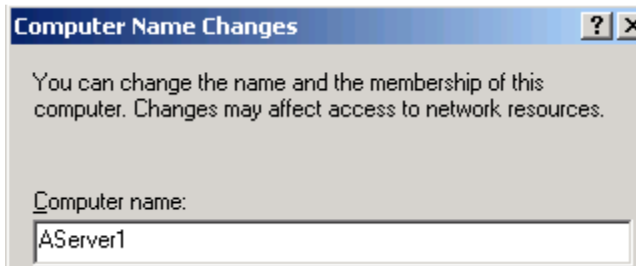
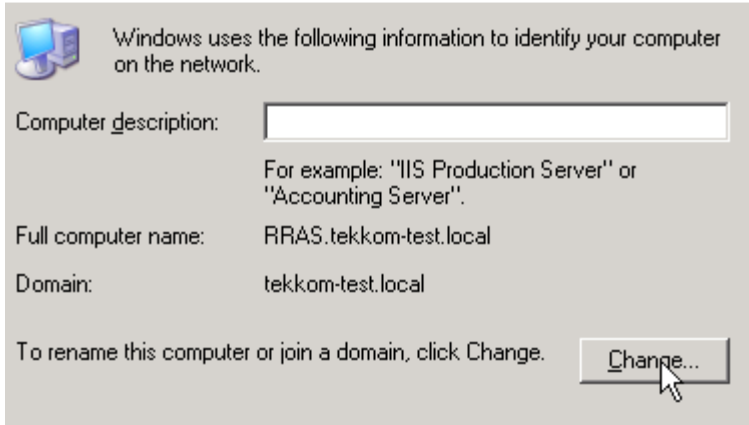
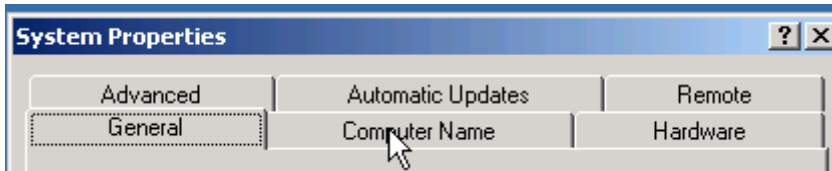
- Local Disk (C:)
  - 2k3
    - i386
    - SUPPORT

### 3) Omdøbe computere

Hold A	Hold B	Hold C	Hold D
Aserver1	Bserver1	Cserver1	Dserver1
AXP	BXP	CXP	DXP



## Opgavehæfte til kursus i Netteknik7



Klik OK og acceptér genstart.

### Rollefordeling:

2	Domain controller, DNS, filserver, WINS server, DHCP server, printserver	Server
4	Medlem af domænet	XP




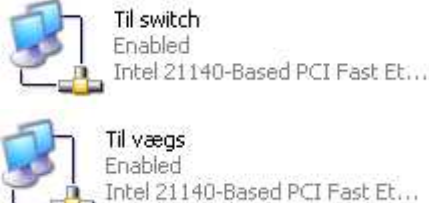

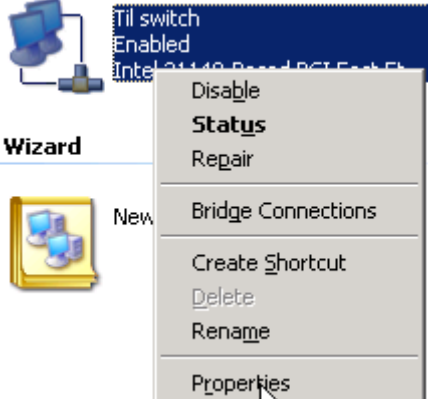
# Opgavehæfte til kursus i Netteknik7

## IP-adresserings-plan:

Net 1	10.0.1.x	255.255.255.0
1		10.0.1.1
2		10.0.1.2
3		10.0.1.3
4		DHCP klient
Net 2	10.0.2.x	255.255.255.0
1		10.0.2.1
2		10.0.2.2
3		10.0.2.3
4		DHCP klient

Net 3	10.0.3.x	255.255.255.0
1		10.0.3.1
2		10.0.3.2
3		10.0.3.3
4		DHCP klient
Net 4	10.0.4.x	255.255.255.0
1		10.0.4.1
2		10.0.4.2
3		10.0.4.3
4		DHCP klient

## 4) Opsætning af server 1 med fast IP:

 <p>Network Connections</p>	<p>I kontrol Panel: Dobbelklik på <i>Network connections</i></p>
	<p>Først bør de 2 netkort omdøbes. Derved beslattes også hvilket netkort, der skal forbindes til væggen og hvilken til switchen:</p>
	<p>Det gøres nemmest ved blot at venstre-klikke på det pågældende netkort, og trykke på tasten F2. Nu kan navnet laves om.</p>
	<p>Netkortet, der skal forbindes til switchen, skal have en fast IP-adresse. Højreklik på dette netkort, og vælg <i>Properties</i>:</p>

## Opgavehæfte til kursus i Netteknik7

<p>This connection uses the following items:</p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Client for Microsoft Networks</li> <li><input type="checkbox"/> Network Load Balancing</li> <li><input checked="" type="checkbox"/> File and Printer Sharing for Microsoft Networks</li> <li><input checked="" type="checkbox"/> Internet Protocol (TCP/IP)</li> </ul> <p>Install... Uninstall Properties</p>	<p>Markér Internet Protocol (TCP/IP) og klik <i>Properties</i>.</p>																				
<p><input type="radio"/> Obtain an IP address automatically</p> <p><input checked="" type="radio"/> Use the following IP address:</p> <p>IP address: 10 . 0 . .</p> <p>Subnet mask: 255 . 255 . 255 . 0</p> <p>Default gateway: 10 . 0 . .</p> <p><input type="radio"/> Obtain DNS server address automatically</p> <p><input checked="" type="radio"/> Use the following DNS server addresses:</p> <p>Preferred DNS server: 10 . 0 . .</p> <p>Alternate DNS server: . . .</p>	<p><b>De sidste 2 udfyldes som følger:</b></p> <table border="1"> <thead> <tr> <th>Hold:</th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> </tr> </thead> <tbody> <tr> <td>IP-adresse</td> <td>1.1</td> <td>2.1</td> <td>3.1</td> <td>4.1</td> </tr> <tr> <td>Gateway</td> <td colspan="4">Blank</td> </tr> <tr> <td>DNS</td> <td>1.2</td> <td>2.2</td> <td>3.2</td> <td>4.2</td> </tr> </tbody> </table>	Hold:	A	B	C	D	IP-adresse	1.1	2.1	3.1	4.1	Gateway	Blank				DNS	1.2	2.2	3.2	4.2
Hold:	A	B	C	D																	
IP-adresse	1.1	2.1	3.1	4.1																	
Gateway	Blank																				
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<p><input type="radio"/> Obtain an IP address automatically</p> <p><input checked="" type="radio"/> Use the following IP address:</p> <p>IP address: 10 . 0 . 1 . 1</p> <p>Subnet mask: 255 . 255 . 255 . 0</p> <p>Default gateway: . . .</p> <p><input type="radio"/> Obtain DNS server address automatically</p> <p><input checked="" type="radio"/> Use the following DNS server addresses:</p> <p>Preferred DNS server: 10 . 0 . 1 . 2</p> <p>Alternate DNS server: . . .</p>	<p>F.eks. for hold A:</p>																				

Check at netkortet, der forbindes til væggen, er konfigureret som følger:

Obtain an IP address automatically

Use the following IP address:

IP address: . . .

Subnet mask: . . .

Default gateway: . . .

Obtain DNS server address automatically


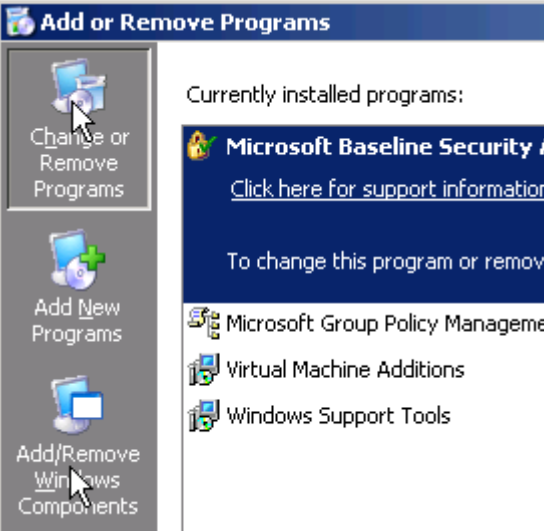
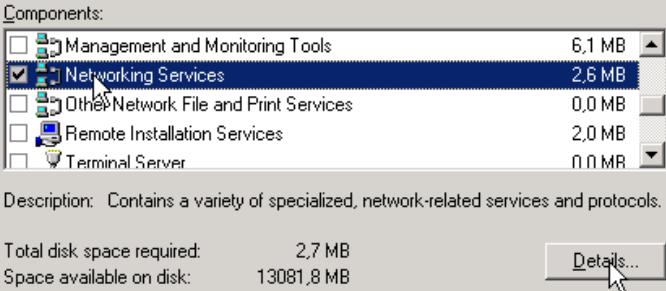
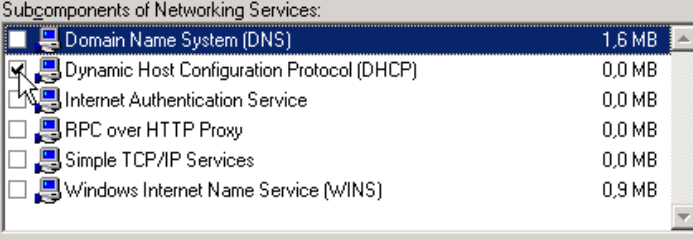
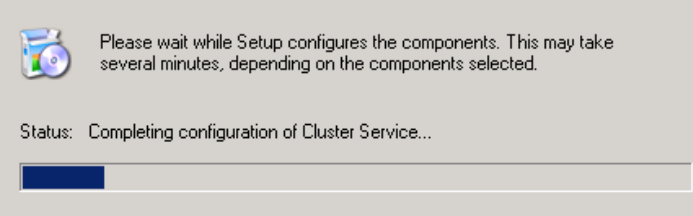

Use the following DNS server addresses:

Preferred DNS server: . . .

Alternate DNS server: . . .

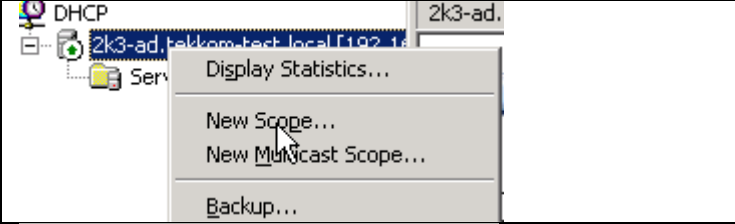


## 5) Installere DHCP på Server nr. 1

 <p>Add or Remove Programs</p>	<p>DHCP servicen installeres ved hjælp af Add or remove programs i Kontrol Panel. Dobbeltklik.</p>																		
 <p>Currently installed programs:</p> <ul style="list-style-type: none"> <li>Microsoft Baseline Security Agent</li> <li>Microsoft Group Policy Management</li> <li>Virtual Machine Additions</li> <li>Windows Support Tools</li> </ul>	<p>Klik på Add/remove Windows Components</p>																		
 <p>Components:</p> <table border="1"> <tr> <td><input type="checkbox"/></td> <td>Management and Monitoring Tools</td> <td>6,1 MB</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Networking Services</td> <td>2,6 MB</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Other Network File and Print Services</td> <td>0,0 MB</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Remote Installation Services</td> <td>2,0 MB</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Terminal Server</td> <td>0,0 MB</td> </tr> </table> <p>Description: Contains a variety of specialized, network-related services and protocols.</p> <p>Total disk space required: 2,7 MB Space available on disk: 13081,8 MB</p> <p>Details...</p>	<input type="checkbox"/>	Management and Monitoring Tools	6,1 MB	<input checked="" type="checkbox"/>	Networking Services	2,6 MB	<input type="checkbox"/>	Other Network File and Print Services	0,0 MB	<input type="checkbox"/>	Remote Installation Services	2,0 MB	<input type="checkbox"/>	Terminal Server	0,0 MB	<p>Klik på teksten <i>Networking Services</i> (sæt IKKE fluebenet ud for), og klik på Details:</p>			
<input type="checkbox"/>	Management and Monitoring Tools	6,1 MB																	
<input checked="" type="checkbox"/>	Networking Services	2,6 MB																	
<input type="checkbox"/>	Other Network File and Print Services	0,0 MB																	
<input type="checkbox"/>	Remote Installation Services	2,0 MB																	
<input type="checkbox"/>	Terminal Server	0,0 MB																	
 <p>Subcomponents of Networking Services:</p> <table border="1"> <tr> <td><input type="checkbox"/></td> <td>Domain Name System (DNS)</td> <td>1,6 MB</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Dynamic Host Configuration Protocol (DHCP)</td> <td>0,0 MB</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Internet Authentication Service</td> <td>0,0 MB</td> </tr> <tr> <td><input type="checkbox"/></td> <td>RPC over HTTP Proxy</td> <td>0,0 MB</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Simple TCP/IP Services</td> <td>0,0 MB</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Windows Internet Name Service (WINS)</td> <td>0,9 MB</td> </tr> </table>	<input type="checkbox"/>	Domain Name System (DNS)	1,6 MB	<input checked="" type="checkbox"/>	Dynamic Host Configuration Protocol (DHCP)	0,0 MB	<input type="checkbox"/>	Internet Authentication Service	0,0 MB	<input type="checkbox"/>	RPC over HTTP Proxy	0,0 MB	<input type="checkbox"/>	Simple TCP/IP Services	0,0 MB	<input type="checkbox"/>	Windows Internet Name Service (WINS)	0,9 MB	<p>Sæt fluebenet ud for <i>Dynamic host configuration protocol(DHCP)</i> og klik OK og Next.</p>
<input type="checkbox"/>	Domain Name System (DNS)	1,6 MB																	
<input checked="" type="checkbox"/>	Dynamic Host Configuration Protocol (DHCP)	0,0 MB																	
<input type="checkbox"/>	Internet Authentication Service	0,0 MB																	
<input type="checkbox"/>	RPC over HTTP Proxy	0,0 MB																	
<input type="checkbox"/>	Simple TCP/IP Services	0,0 MB																	
<input type="checkbox"/>	Windows Internet Name Service (WINS)	0,9 MB																	
 <p>Please wait while Setup configures the components. This may take several minutes, depending on the components selected.</p> <p>Status: Completing configuration of Cluster Service...</p>	<p>Under installationen bliver der brug for at hente nogle filer fra I386-mappen. Klik Browse knappen og find frem til den i386-mappe, der ligger på C-drevet. Gennemfør installationen og klik Finish.</p>																		
 <p>My Computer</p> <p>Control Panel</p> <p>Administrative Tools</p> <p>Printers and Faxes</p> <ul style="list-style-type: none"> <li>Cluster Administrator</li> <li>Component Services</li> <li>Computer Management</li> <li>Configure Your Server Wizard</li> <li>Data Sources (ODBC)</li> <li>DHCP</li> <li>Distributed File System</li> </ul>	<p>Åben DHCP-konsollen:</p> <p><b>Der skal nu oprettes det IP-område, som serveren skal uddele IP-adresser fra!</b></p>																		



## Opgavehæfte til kursus i Netteknik7

	<p><i>Jeg viser oprettelse af det scope, som hold A skal bruge – de andre scope skal følge de IP-adresse-områder, der er angivet i dias 6.</i></p> <p>Højreklik på server navnet og vælg New Scope, og klik Next:</p>
<p>Type a name and description for this scope. This is how the scope is to be used on your network.</p> <p>Name: <input type="text" value="Hold A"/></p> <p>Description: <input type="text" value="IP-område for Hold A"/></p>	<p>Giv det et navn og en beskrivelse, a.l.a det viste og klik Next:</p>
<p><b>IP Address Range</b></p> <p>You define the scope address range by identifying a set of addresses.</p> <p>Enter the range of addresses that the scope distributes.</p> <p>Start IP address: <input type="text" value="10 . 0 . 1 . 5"/></p> <p>End IP address: <input type="text" value="10 . 0 . 1 . 100"/></p> <p>A subnet mask defines how many bits of an IP address identify the network ID and how many bits to use for the host ID. You can specify the length or as an IP address.</p> <p>Length: <input type="text" value="8"/></p> <p>Subnet mask: <input type="text" value="255 . 255 . 255 . 0"/></p>	<p>Opret IP-området: start og slut f.eks. som vist, og klik Next:</p>
<p><b>Add Exclusions</b></p> <p>Exclusions are addresses or a range of addresses that are not to be served by the DHCP server.</p> <p>Type the IP address range that you want to exclude. If you are excluding a single address, type an address in Start IP address only.</p> <p>Start IP address: <input type="text" value="."/> End IP address: <input type="text" value="."/></p> <p>Excluded address range: <input type="text"/></p>	<p>Hop over, klik blot Next:</p>



## Opgavehæfte til kursus i Netteknik7

<p><b>Lease Duration</b> The lease duration specifies how long a client can use an IP address in the scope.</p> <p>Lease durations should typically be shorter for portable computers or dial-up clients. Likewise, for a stable network that has multiple locations, longer lease durations are appropriate.</p> <p>Set the duration for scope leases with the following controls:</p> <p>Limited to:</p> <p>Days: <input type="text" value="1"/> Hours: <input type="text" value="0"/> Minutes: <input type="text" value="0"/></p>	<p>Accepter default, klik blot Next:</p>
<p><b>Configure DHCP Options</b> You have to configure the most common DHCP options for this scope.</p> <p>When clients obtain an address, they are given the addresses of routers (default gateways), DNS servers, and other servers in the scope.</p> <p>The settings you select here are for this scope and are stored in the Server Options folder for this server.</p> <p>Do you want to configure the DHCP options for this scope?</p> <p><input checked="" type="radio"/> Yes, I want to configure these options now</p> <p><input type="radio"/> No, I will configure these options later</p>	<p>Accepter Yes og klik Next</p>
<p><b>Router (Default Gateway)</b> You can specify the routers, or default gateways, for this scope.</p> <p>To add an IP address for a router used by clients:</p> <p>IP address: <input type="text" value="10.0.1.1"/> <input type="button" value="Add"/> <input type="button" value="Remove"/> <input type="button" value="Up"/> <input type="button" value="Down"/></p>	<p>Indskriv den Default gateway (Server1's indre IP), der passer og Klik Add. Klik Next:</p>
<p><b>Domain Name and DNS Servers</b> The Domain Name System (DNS) maps names to IP addresses for clients on your network.</p> <p>You can specify the parent domain you want the DNS name resolution.</p> <p>Parent domain: <input type="text"/></p> <p>To configure scope clients to use DNS servers, specify the IP addresses of the DNS servers.</p> <p>Server name: <input type="text"/> <input type="button" value="Resolve"/></p>	<p>Den tager vi senere. Klik blot Next:</p>



## Opgavehæfte til kursus i Netteknik7

<p><b>WINS Servers</b> Computers running Windows can use WINS se names to IP addresses.</p> <p>Entering server IP addresses here enables Win broadcasts to register and resolve NetBIOS nar</p> <p>Server name:  <input type="text"/></p> <p style="text-align: right;">Resolve</p>	<p>Den tager vi senere. Klik blot Next:</p>
<p><b>Activate Scope</b> Clients can obtain address leases only if a scope is activated.</p> <p>Do you want to activate this scope now?</p> <p><input checked="" type="radio"/> Yes, I want to activate this scope now</p> <p><input type="radio"/> No, I will activate this scope later</p>	<p>Accepter at aktivere scopet og klik Next og Finish:</p>
<p><b>DHCP</b></p> <ul style="list-style-type: none"> <li>2k3-ad.tekkom-test.local [192.168.127.10]             <ul style="list-style-type: none"> <li>Scope [10.0.1.0] Hold A                 <ul style="list-style-type: none"> <li>Address Pool</li> <li>Address Leases</li> <li>Reservations</li> <li>Scope Options</li> <li>Server Options</li> </ul> </li> </ul> </li> </ul>	

### På XP'en:

<p>Run...</p>	<p>Åben en DOS-prompt</p>
<p>Type the name Internet resour</p> <p>Open: <input type="text" value="cmd"/></p>	<p>Skriv cmd efterfulgt af Enter-tasten (↵) eller klik OK</p>
<pre>C:\&gt;ipconfig /release C:\&gt;ipconfig /renew_ C:\&gt;ipconfig /all</pre>	<p>Skriv disse tre kommandoer efter tur i den viste rækkefølge og afslut dem med Enter-tasten. Det er muligt at den første giver fejlmelding – fred være med det.</p> <p>Nr. 1 frigiver en IP-konfiguration, der er leveret af en DHCP-server          Nr. 2 sender endnu en anmodning til DHCP-serveren om en ny IP-konfiguration          Nr. 3 viser denne konfiguration.</p>

