

INSTALLING ACTIVE DIRECTORY

SERVER CORE WINDOWS SERVER
2012 DATACENTER

```
C:\Users\Administrator>cd\windows\system32  
C:\Windows\System32>timedate.cpl
```

Check and set your system time

- When you do a ctrl Alt Del and put in your password it brings you to this screen
- The first thing you need to do is change you dir to system32
- Then type timedate.cpl. This command brings up date and time screen shown on the next page.
- There is no GUI everything has to be done through the command line.

Date and Time

Date and Time

Additional Clocks

Internet Time



Date:

Sunday, April 21, 2013

Time:

3:51:51 PM



Change date and time...

Time zone

(UTC-05:00) Eastern Time (US & Canada)

Change time zone...

Daylight Saving Time ends on Sunday, November 3, 2013 at 2:00 AM. The clock is set to go back 1 hour at that time.

Notify me when the clock changes

OK

Cancel

Apply

Setting the IP Address

- Type Netsh at the prompt which will put you at the Netsh prompt
- Type Interface which will put you at the interface prompt
- Type Ipv4 which will put you into the TCPIP prompt
- Type show IP which will show the interface seen on the next page

```
C:\Windows\System32>netsh
netsh>interface
In future versions of Windows, Microsoft might remove the Netsh functionality
for TCP/IP.

Microsoft recommends that you transition to Windows PowerShell if you currently
use netsh to configure and manage TCP/IP.

Type Get-Command -Module NetTCPIP at the Windows PowerShell prompt to view
a list of commands to manage TCP/IP.

Visit http://go.microsoft.com/fwlink/?LinkId=217627 for additional information
about PowerShell commands for TCP/IP.
netsh interface>
netsh interface>IPv4
netsh interface ipv4>
```

```
netsh interface ipv4>show IP
```

```
Interface 1: Loopback Pseudo-Interface 1
```

Addr Type	DAD State	Valid Life	Pref. Life	Address
Other	Preferred	infinite	infinite	127.0.0.1

```
Interface 12: Ethernet
```

Addr Type	DAD State	Valid Life	Pref. Life	Address
Dhcp	Preferred	23h32m14s	23h32m14s	192.168.15.119

```
netsh interface ipv4>Set address name="12" source=static address=192.168.15.165  
mask=255.255.255.0 gateway=192.168.15.1
```

We are now going to set a static ip address

```
netsh interface ipv4>Set address name="12" source=static address=192.168.15.165
mask=255.255.255.0 gateway=192.168.15.1

netsh interface ipv4>show IP

Interface 1: Loopback Pseudo-Interface 1
Addr Type      DAD State      Valid Life Pref. Life Address
-----
Other          Preferred      infinite      infinite 127.0.0.1

Interface 12: Ethernet
Addr Type      DAD State      Valid Life Pref. Life Address
-----
Manual        Preferred      infinite      infinite 192.168.15.165

netsh interface ipv4>
```

Set Administrative Password

```
netsh interface ipv4>exit

C:\Windows\System32>Net User Administrator *
Type a password for the user:
Retype the password to confirm:
The command completed successfully.

C:\Windows\System32>_
```

Rename the computer

```
C:\Windows\System32>Netdom renamecomputer %computename% /newname:ServerA
This operation will rename the computer WIN-508KHD272RL
to ServerA.

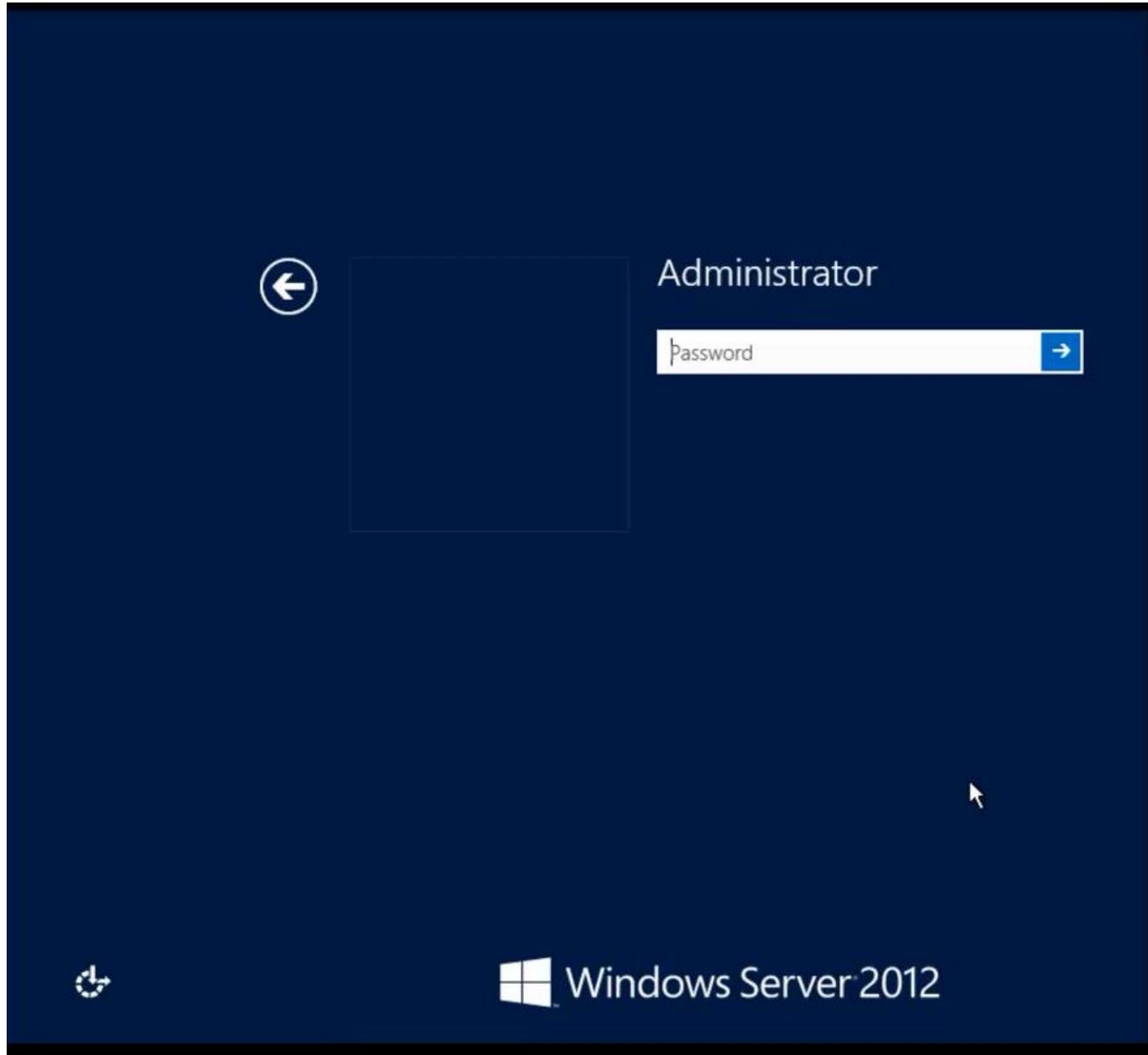
Certain services, such as the Certificate Authority, rely on a fixed machine
name. If any services of this type are running on WIN-508KHD272RL,
then a computer name change would have an adverse impact.

Do you want to proceed (Y or N)?
y
The computer needs to be restarted in order to complete the operation.

The command completed successfully.

C:\Windows\System32>shutdown /R /T 0_
```

Machine will reboot. Type in the password



Using powershell to do AD DS role installation.

- Type powershell at the prompt
- Add DNS (DNS is a requirement for AD installation)

```
C:\Users\Administrator>Powershell
Windows PowerShell
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PS C:\Users\Administrator> Add-WindowsFeature DNS
```

Ad Active Directory domain Services

```
PS C:\Users\Administrator> Add-WindowsFeature AD-Domain-Services
```

Set up AD Services Deployment

```
PS C:\Users\Administrator> Import-Module ADDSDeployment
PS C:\Users\Administrator> Install-ADDSForest

cmdlet Install-ADDSForest at command pipeline position 1
Supply values for the following parameters:
DomainName: Sybex.com
SafeModeAdministratorPassword: *****
Confirm SafeModeAdministratorPassword: *****

The target server will be configured as a domain controller and restarted when
this operation is complete.
Do you want to continue with this operation?
[Y] Yes [A] Yes to All [N] No [L] No to All [S] Suspend [?] Help
(default is "Y"):_
```