Installation Protocol HP Proliant DL 380 G7

07/02/2013 9:20

Server: HP Proliant DL380 G7, 108GB RAM, 8 x 900GB Harddisk, 4 x Ethernet ports

BIOS Version: P67 05/05/2011

Requirements

Hardware:

- Server
- Monitor (VGA)
- USB Mouse
- USB Keyboard

Software:

```
A) HP Smart Update Firmware DVD
B) HP Smart Start 64bit CD
C) Ubuntu 12.04.1 LTS 64bit USB
D) Windows Server 2008 R2 64bit DVD
```

Server is mounted in 19“ Rack with 2 x Power Cables and 2 x Ethernet Cables connected.

Connect Monitor, Mouse and Keyboard at Frontpanel

Update BIOS Firmware

Boot Server with B) in DVD-Drive, takes about 90 sec, press F11 for Boot menu, next choose 1 to boot from DVD-Drive.

Follow the screen messages using the interactive update process.

Reboot Server!

Now Bios Version: P67 12/02/2012

Create Logical Drives

It is necessary to create 2 separate logical drive, because of the 2TB limit, of the MSDOS partition table for Operating Systems.

Boot with B) in DVD-Drive, press F11 for Boot menu and choose 1. Select Smart Start 8.70 x64,

Englisch (US) installation language and Deutsch as Keyboard.

Maintenance –> HP Array Config&Diagnostics

Smart Array P410i in Embedded Slot

Operating System Logical Drive

1. Create Array –> Select All (8 Drives)
2. Create Logical Drive –> Raid 0, Size 150GB, Strip Size 256KB, Sector/Track 32, Array Accelerator Enabled

Data Logical Drive

Select Unused Space 6.4TB

1. Create logical Drive –> Raid 0, Size 6556.656GB, Strip Size 256KB, Sector/Track 32, Array Accelerator Enabled

Exit ACU

–> back to Home select **Install**

Install Windows Server 2008 R2

Choose the drive that you want to install the OS to:

```
Smart Array P410i Controller Slot 0
  - Disk 1: 149.99GB
  - Disk 2: 6.40TB
Next --> Operating System Selection
Retail Media
Microsoft Windows Server 2008 R2 Enterprise x64 Edition
Next --> Media
  - DVD-Rom Media
  - Standard folder/directory format
Next --> NTFS Size 80GBN Next OK
Computer Name: picco
Password: **********
Repeat Password: *******
Organisation Name: Faculty of Computer Science
Owner: KRDB
Time Zone: GMT +01:00
Next -> Next -> Next - Next -> Next
```

Wait for installation to finish 10:20

Driver copy 27% 10:25

Insert MS Windows 2008 R2 Enterprise x86 Disc!

Agree License

Go for a pee!!

Back at 10:40

1. Remove DVD
2. Server reboots

Completing installation .....

Restart ~10:50

Done → Enter as Administrator 11:00

Preparing your Desktop

Installing System Drivers and Software

Windows will shut-down in 1 minute

login

1. Enable eth0
2. Install Firefox
3. Search for HP Network Utility MS Windows 2008 R2 cp017181
4. Online Rom Flash → cp018990
5. HP Broadcom 1GB Multifunction MS Windows 2008 R2 cp018068

REBOOT

1. Open HP Network Utility (Properties)
    1. Teaming NFT
    2. Set IP manually
2. Turn on autmatic update (do not update yet!)
3. Join domain (No product key required!)

REBOOT

1. Run Windows Update

Go for lunch 12:05

Back from lunch at 13:20

Still updating (86 of 102)

REBOOT 13:30

1. Run Windows Update again!

REBOOT

DONE!!! 13:45

Install Ubuntu Server 12.04.1 LTS 64 bit

Reboot with USB-Stick

Press F11 → Choose 3) One Time Boot to USB Drive Key

1. F2 Englisch
2. F3 German Keyboard
3. Install Ubuntu Server
4. Englisch
5. Europe/Italy
6. United States en_US.UTF-8

Set IP, NM, GW, DNS1, DNS2

```
Server Name: obdalin3\\
Domain: inf.unibz.it
User: CS-Tech Team
login: csadmin
password: *******
repeat: *******
No encrypted home
Yes timezone


/dev/sdb 161,1GB  /    #1 primary 83,9GB ntfs
                       #5 logical 69,2GB ext4
                       #6 logical 8,00GB swap
```

sdb5 / 69,2GB
sdb6 swap 8,0GB

x Install OpenSSH server

REBOOT 14:50

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Last update: **2019/01/16 10:03**