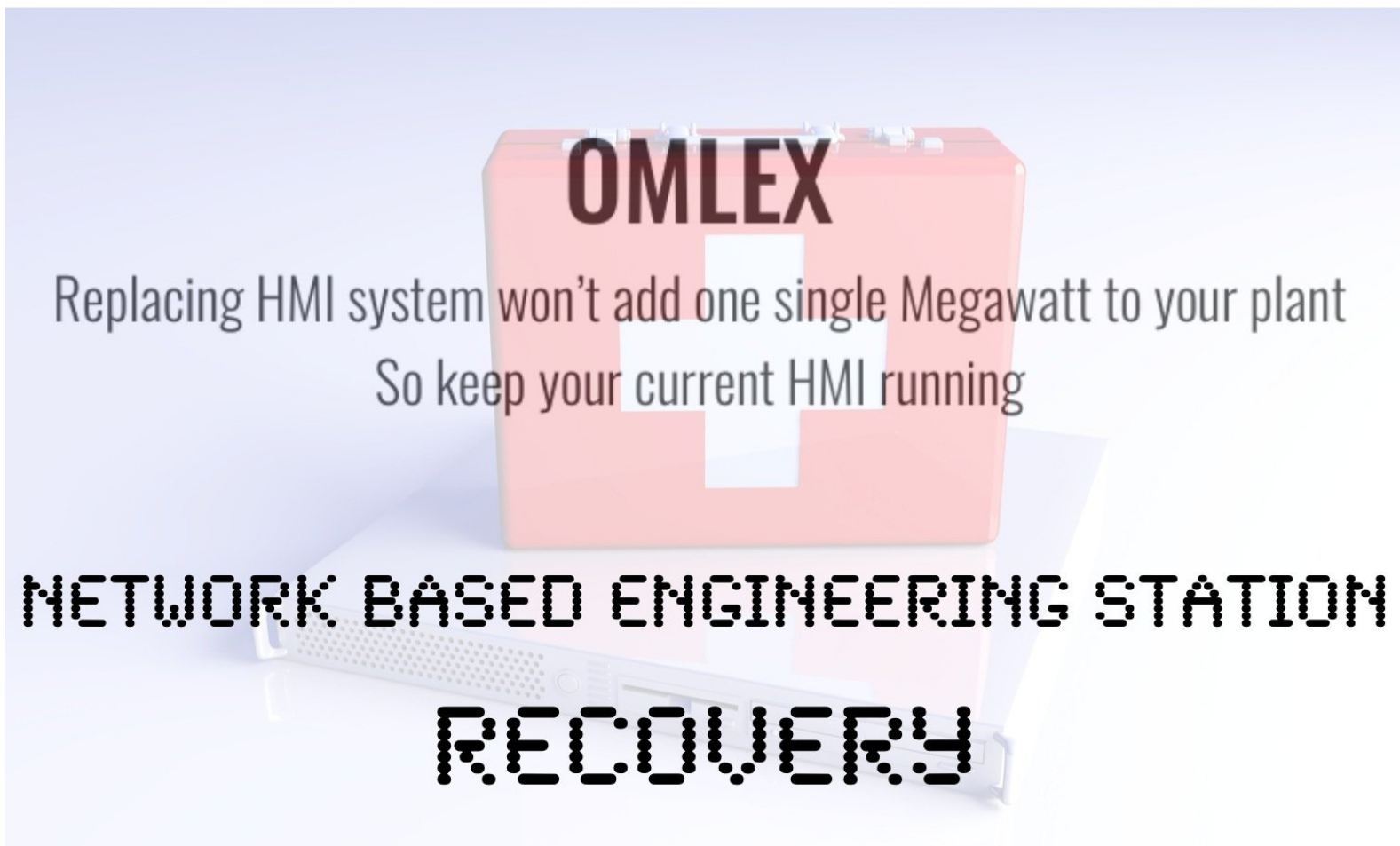




Restore ES680 component - OMLEX

This is a method of restoring ES680 station from the binary copy of the disk stored on network server.

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TOOLS:

- [Linux Live CD Gentoo HPPA \(1\)](#)
-

Step 1 — Power ON and booting from CD

```

Main Menu: Enter command > search
Searching for potential boot device(s)...
This may take several minutes.
To discontinue search, press any key (termination may n

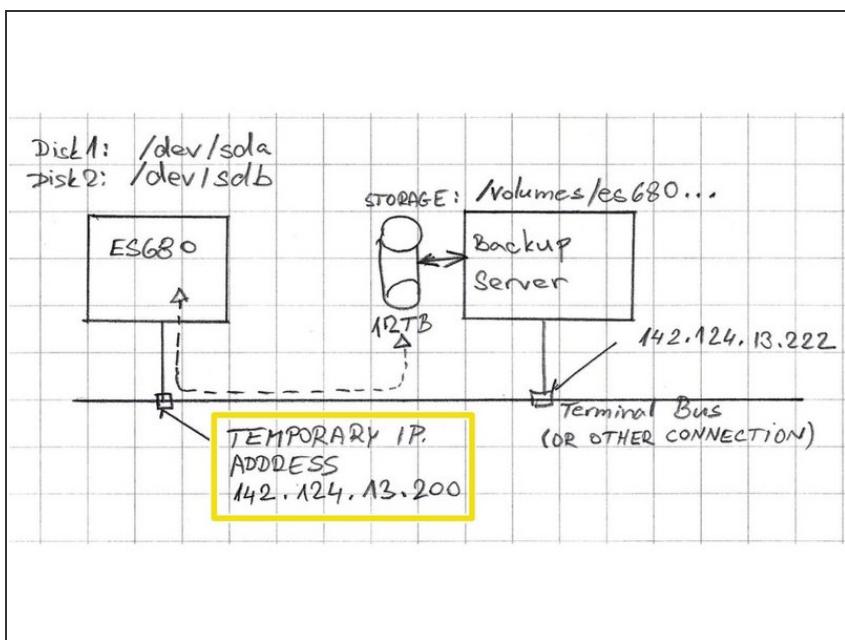
Path Number      Device Path      Device T
-----
P0               IDE              HL-DT-ST
P1               FWSCSI.6.0      COMPAQ
P2               PCI2.3.0        HP

Main Menu: Enter command > boot IDE
Interact with IPL (Y, N, Q)?> n

Booting...
Boot IO Dependent Code (IODC) revision 0
  
```

- Insert bootable CD and interrupt a booting sequence by pressing "ESC" key
- On prompt type:
 - **boot IDE**
- You will asked „Interact with IPL (Y,N)“. Answer with **N**.

Step 2 — Network Configuration



- Configure network card located on the motherboard named *eth0* by following command
 - `ifconfig eth0 142.124.13.200`
- ⚠ **IP address MUST NOT COLLIDE with IP addresses of existing computers**
- ① Test if ftp server can be reached over network by ping command
 - ① `ping 142.124.13.222`

Step 3 — Storage space verification

```

livedd root #
livedd root # fdisk -l

Disk /dev/sda: 18.2 GB, 18210037760 bytes
64 heads, 32 sectors/track, 17366 cylinders
Units = cylinders of 2048 * 512 = 1048576 bytes
Disk identifier: 0x00000000

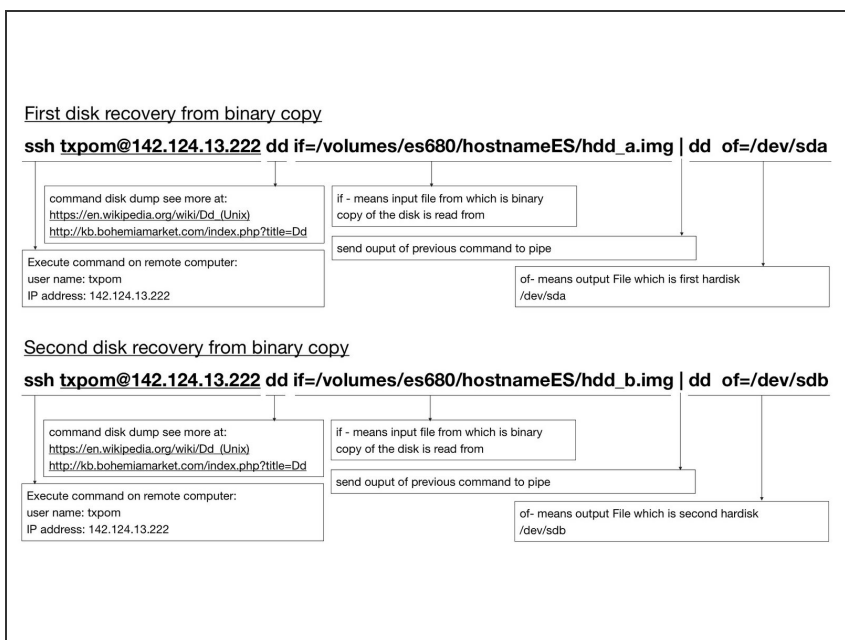
Disk /dev/sda doesn't contain a valid partition table

Disk /dev/sdb: 72.8 GB, 72839168000 bytes
255 heads, 63 sectors/track, 8855 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Disk identifier: 0x00000000

Disk /dev/sdb doesn't contain a valid partition table
livedd root # dhcpd(6328): unaligned access
  
```

- Verify by *fdisk* command if all hard-drives are visible. Some ES680 station might have two disks.
- *fdisk -l*
 - There is a disk /dev/sda with capacity 18.2 GB
 - There is a disk /dev/sdb with capacity 72.8 GB
- ⓘ the parameter above is lower case **L**

Step 4 — Restore disk fro binary image



- Copy content of the image from the server to the disk.