Backup ES680 component - OMLEX

This is a method of backing up ES680 engineering station to the network server without a need of bootable tape or functional operating system.

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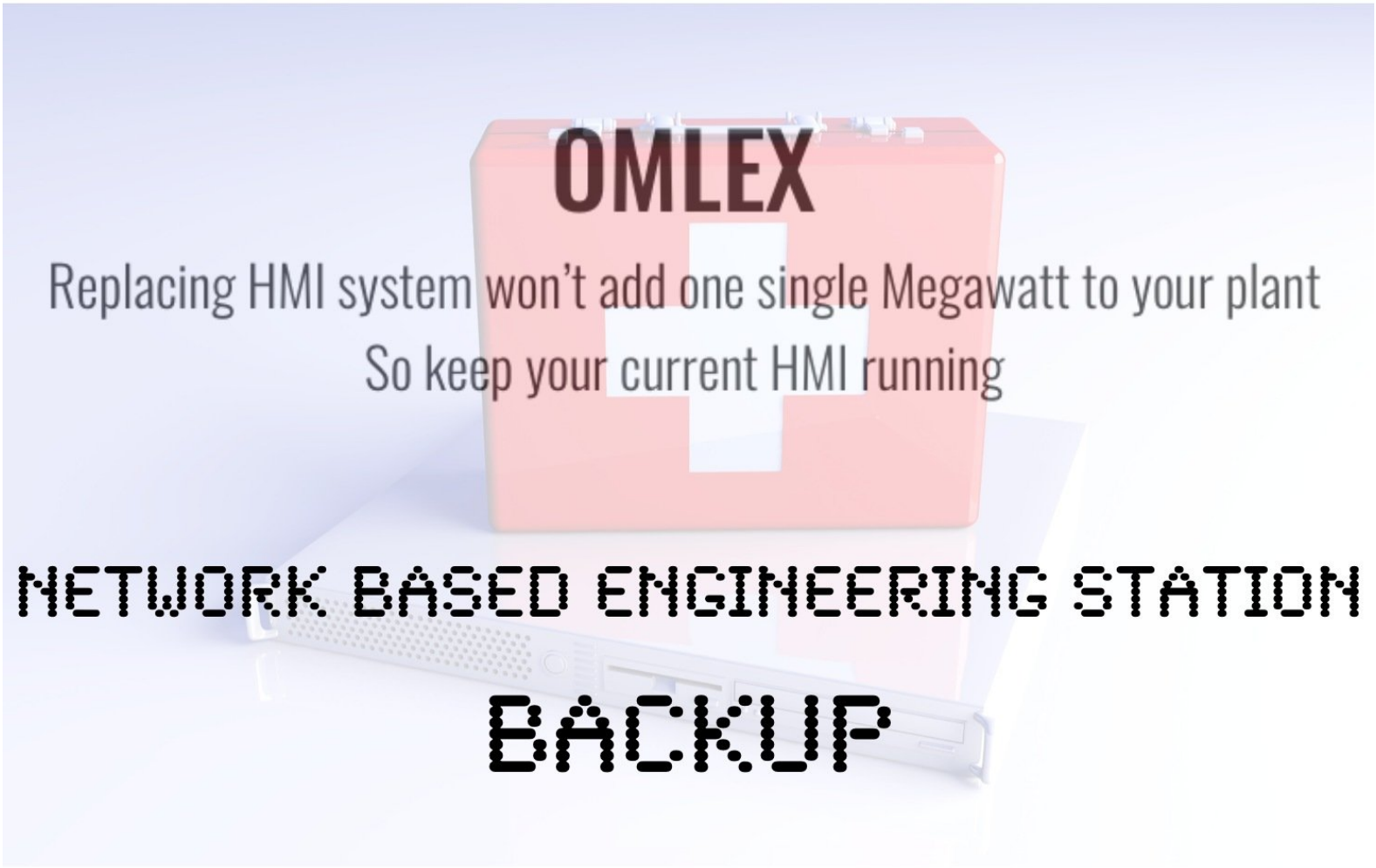

INTRODUCTION

This is fairly advance way of backing up engineering station.

TOOLS:

- Linux Live CD Gentoo HPPA (1)

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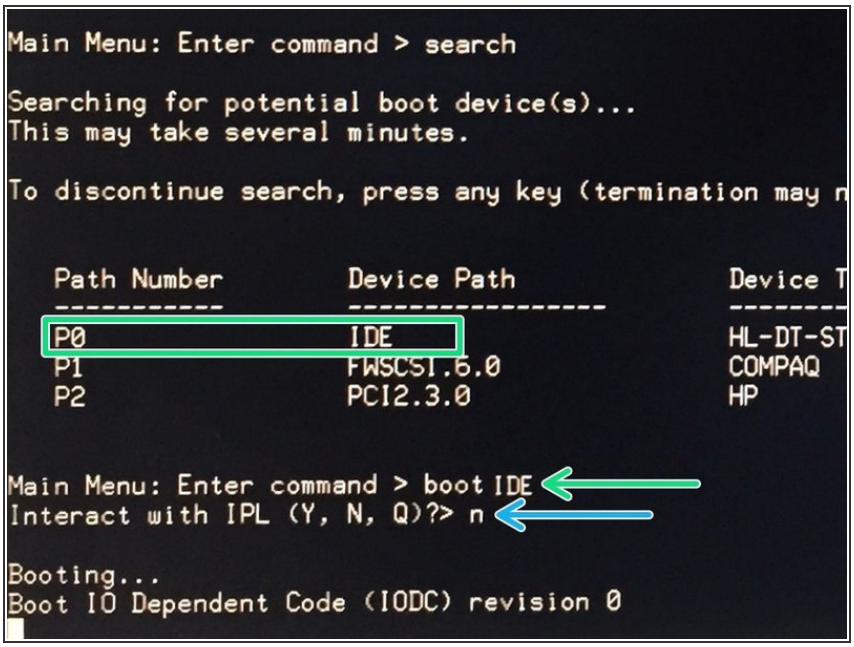
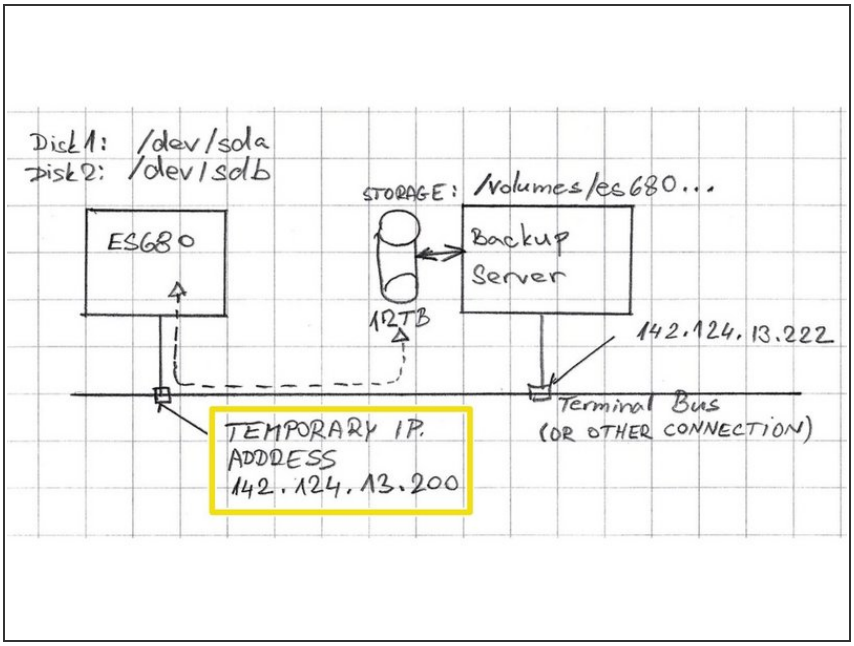
Step 1 — Power ON and booting from CD



- 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**

ⓘ Test if ftp server can be reached over network by ping command

ⓘ *ping 142.124.13.222*

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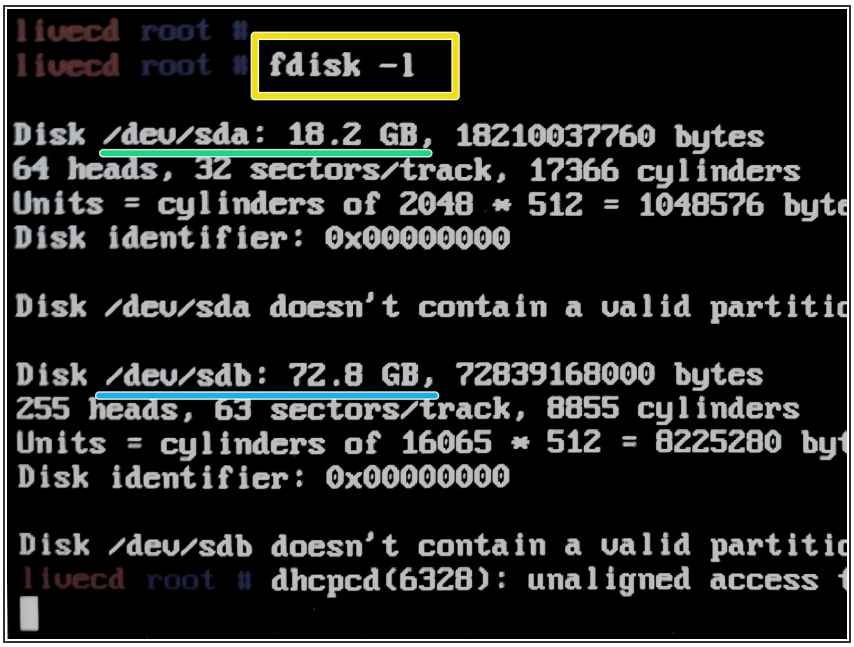
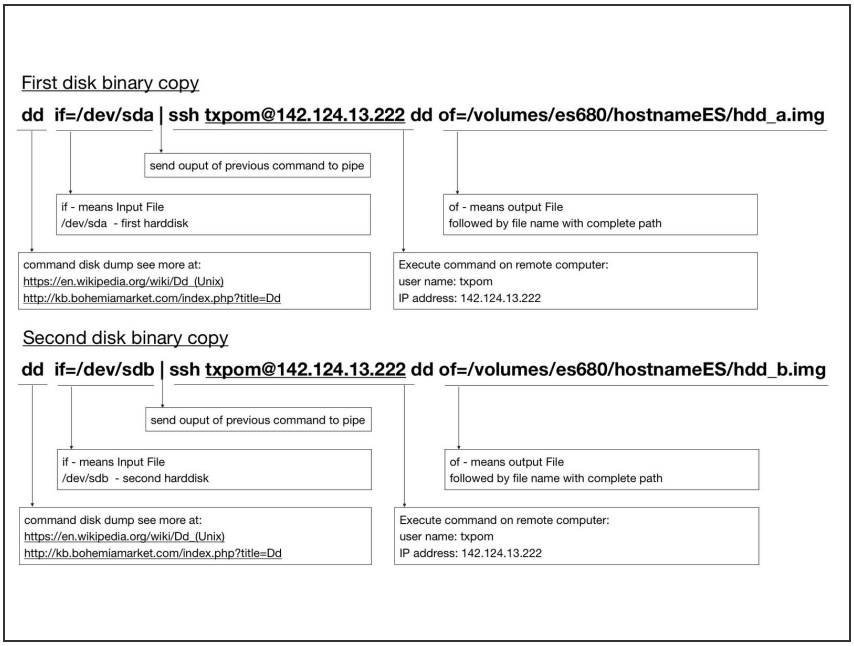
Step 3 — Storage space verification



- 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 — Binary copy of the disk



- Copy content of the disk using *dd* command to the server.