OMLEX - TXP Computer Backup - Variant II

This is a procedure describing backup of TXP V7.4 Computer. This backup will be used for the migration to the OMLEX computer.

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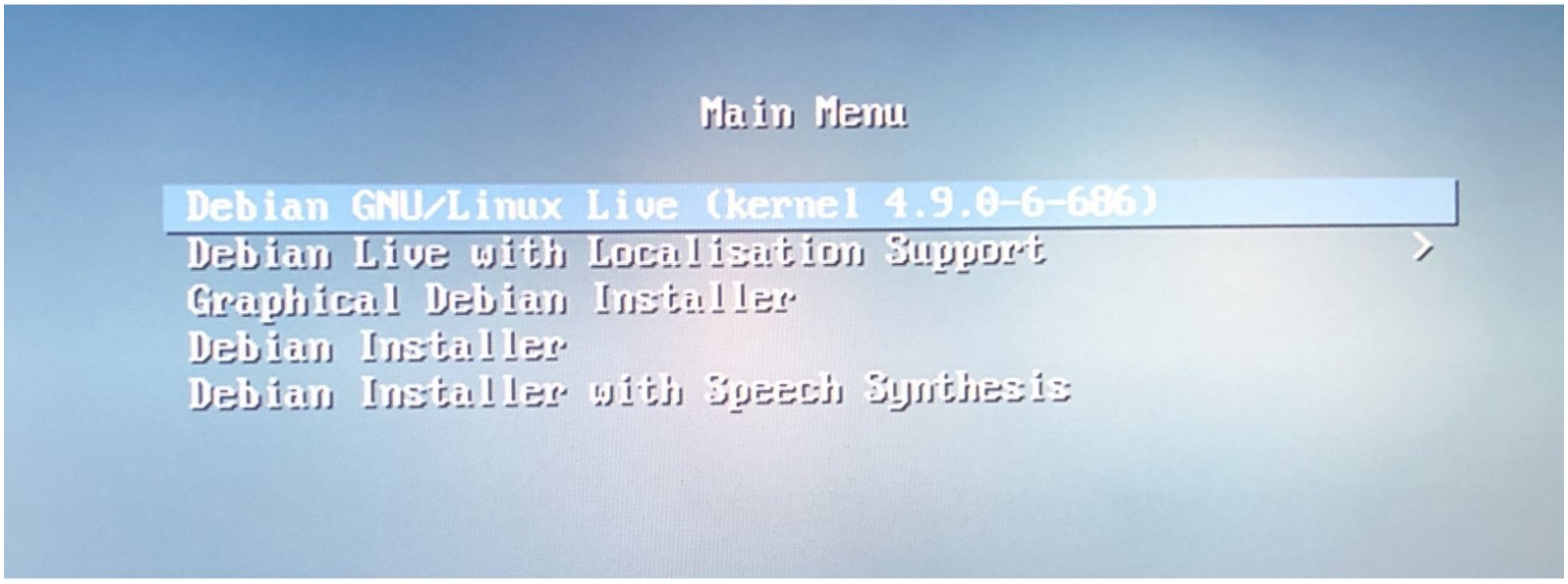

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INTRODUCTION

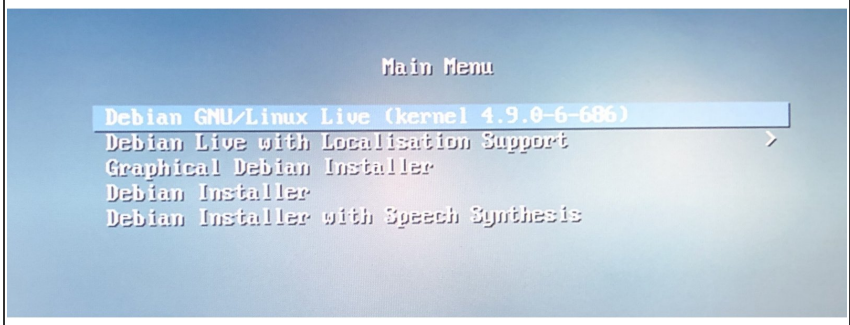
This is a procedure describing backup of TXP V7.4 of the computer to be migrated to the OMLEX computer.

For this purpose any Unix computer accepting ssh connection can be used. On the machine which is being migrated or surveyed "Live CD Linux" is booted and content of the hardisk is copied to the "Backup Computer"

TOOLS:

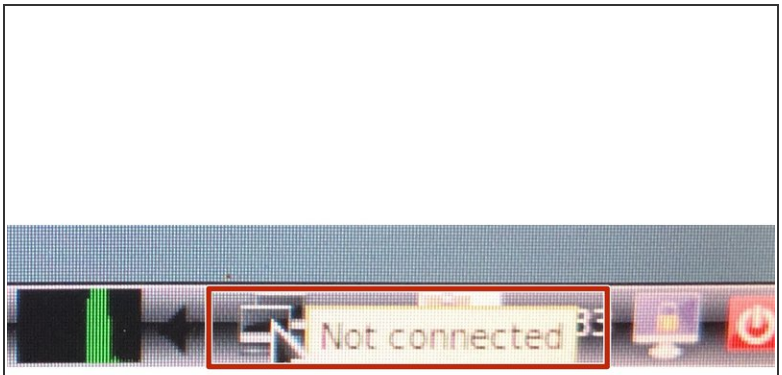
- Bootable Linux CD (1)
- Backup Server (1)
- DVD drive installed in the computer (1)

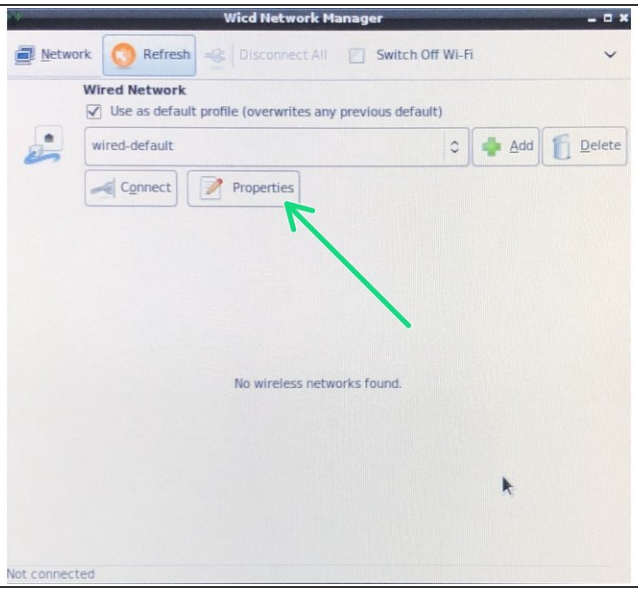
Step 1 — Environment setup



- Shutdown TXP computer to be migrated
- Connect it to the migration kit or backup computer via network cable
- Clean DVD drive from the dust
- Insert provided DVD
- "Switch ON" the computer

Step 2 — Network Setup





- After operating system start from live CD, network card need to be configured
- Click on the network symbol located in bottom right corner
- Click on "Properties" button to setup IP address

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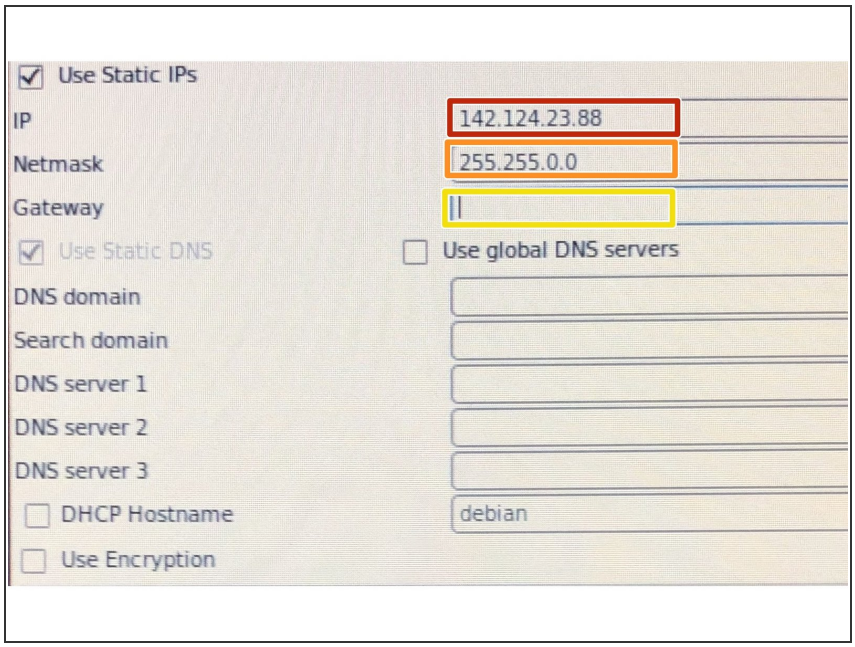
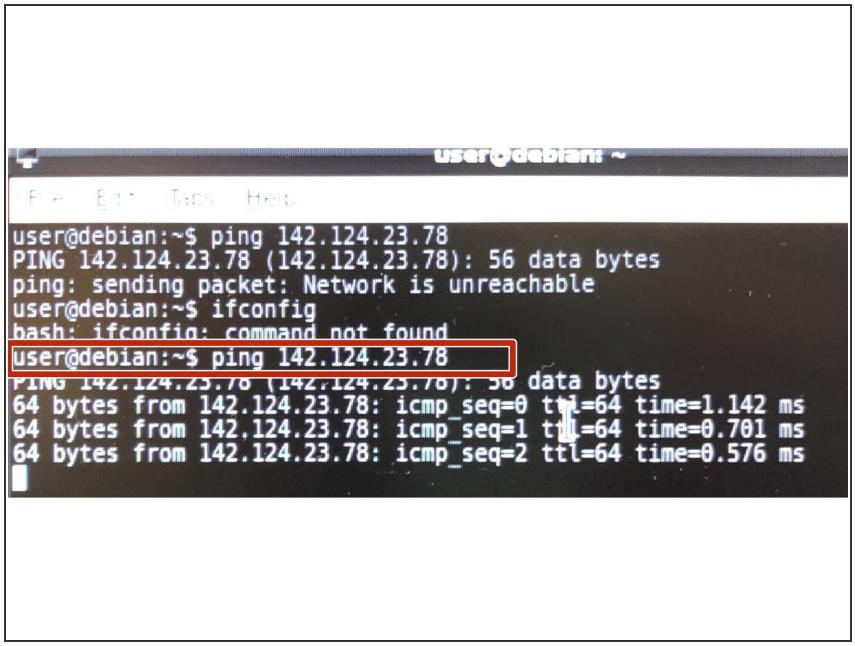
Step 3 — Network IP address



- Enter IP address
- Enter Network MASK 255.255.0.0
- Do not enter GATEWAY setting

Step 4 — Network Test



- Open Terminal
- Ping backup computer
  - *ping 142.124.23.78*

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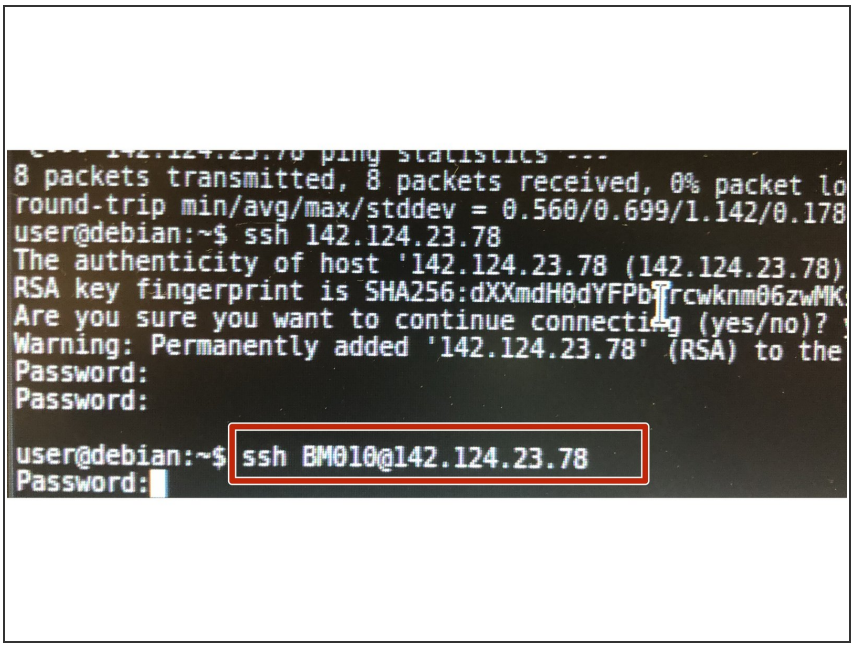
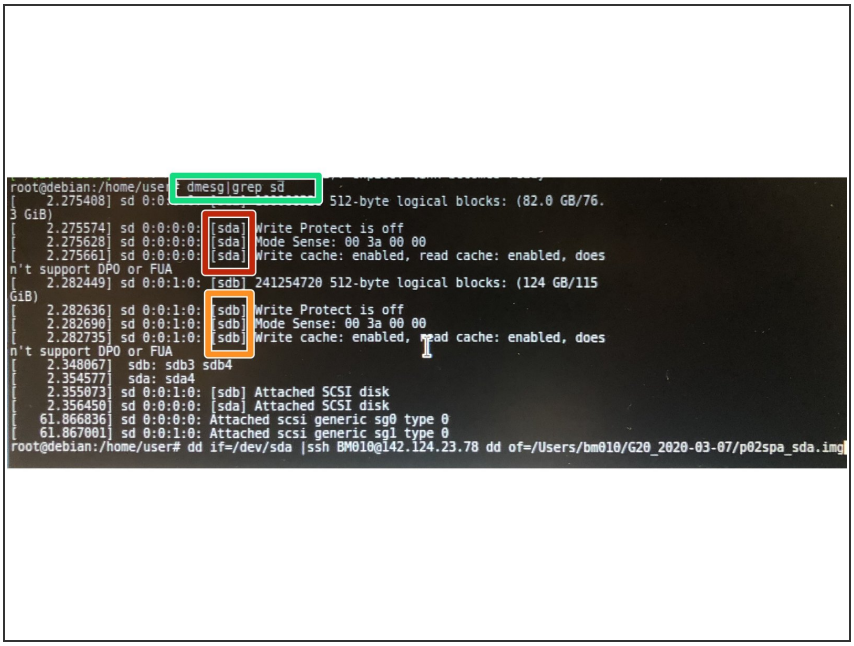
Step 5 — Login to backup server



- ssh login test with command:
  - ssh BM010@142.124.23.78

Step 6 — Backup command first disk



- Now enter backup command
- *dd if=sda | ssh BM010@142.124.23.78 dd of=/tmp/my_backup.dd*
- First disk ID: /dev/sda
- Second disk ID: /dev/sdb
- Output of dmesg command display above mentioned:
  - *dmeg | grep sd*

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