Practical

How to add roles and features:

Dashboard > 2) add roles and features > go to server selection > features choose (the wanted feature) > next > wait to download the close.

Back-up:

From the tap above > tool > windows server back-up > Actions on the left Click on (Backup Schedule) > next > choose custom > next + Add items , local Disk (+) -> choose the file , ok > next > to specify Backup time, choose (More than once a day) add the time > next > Choose [Backup to a shared a network folder] > next -ok > add the location.

Restore:

click on recover > A Backup Stored another location > next > local drivers-, next , next.

Create two users/Create group:

Dashboard> Tools> Active Directory Users and Computers

> On the left [user click on the right New then choose -write the name > next -, write your personal pass word> next> Finish.

Go to the user click right choose add group>write the group name , click ok ,ok.

Same steps for new group, write the name>ok

Create a folder:

Click on windows >go to search>CMD> write \_ mkdir> Name of the File>enter>write dir> enter

set the share permissions so that only the group can access the folder:

folders>Local Disk>users>admin>the name of the file>click right>properties>Sharing->advanced sharing> Share this folder>permeation >remove the one there> add , check name> ok > Full control > Apply > ok.

Reviewing password policies:

Control panel > admin tools > Go to local security policy > local policies > Audit policy > Audit logging event › Choose Failure> Apply> ok.

Reviewing Operating System logs:

Go to admin tool > Event viewer> From the left windows loges > Security > Choose failure

Reviewing the configuration of hardware/software on the network:

Search system information>

Using third party software to scan the network:

(Wireshark)>Scan>Start > to see the failure stop> and See.

Scan using antivirus:

Run full scan> ok/start>

Configured to perform a full scan at 11pm daily:

Create custom scan>scheduling> schedule this scan> daily>11pm>

Block port 21:

(control panel>system and security>windows Firewall>Advance settings>Outbound rules>New Wizard>port21)

Block IP 216.27.61.137:

(ctrl panel>s/m security>windows Firewall>Adv settings>Outbound rules>New Wizard>custom>All programs>add IP address)

Block hotmail.com:

(Find IP address from command prompt and block. Ns lookup www.Hotmail.com [204.79.197.212])

Block telnet (port 23):

(ctrl panel>s/m security>windows Firewall>Adv settings>Outbound rules>New Wizard>port23)

Enable remote access:

(ctrl panel>s/m & security>S/m>Adv settings>Remote access)

Update patches windows:

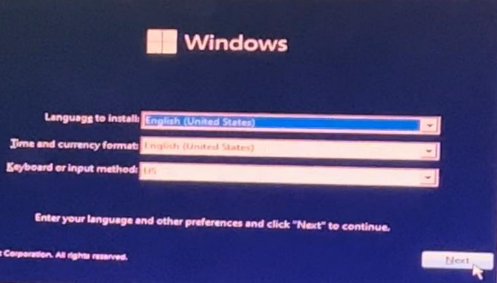
Control panel > windows update> check for update> turn auto update> choose install updates auto > ok

Work station1:

Boot error:

f9 for the black devices> look for SanDisk > enter.

Repair system (using OS CD):



Click on Repair your computer> troubleshot> startup repair> choose the os.

F10 for the white devices> choose DVD> enter> quickly press any key> then the same above.

Work station2:

Audit os check system information:

type msinfo32> enter.

Create restore point:

Search> system> advanced system settings > the tap above chooses system protection>create > name Upgrade OS>done.

Upgrade OS from D:

From the folder on the task bar>this PC> New volume (D)> setup file> yes> choose no thanks> click on I accept> next> upgrade> close.

Install print server software:

Folder on the desktop> yes> the web page close it> choose I accept the agreement> next until the end> user name admin password 123456 > next> choose education > next until > windows standard important all users> next> finish.

Configure printer:

Choose link Configure printer > enter the templet> the ms will choose the configuration > apply > ok.

Wireless Network Task:

1. Wear the antistatic wrist band
2. Replace NIC with the WNIC
3. Go the workstation
4. Show the steps to install WNIC driver
   * Double click on the folder Capstone Jan23 on the desktop
   * Click on the Driver setup file, continue **BUT DON’T FINISH, ask your assessor to check**
5. **Connect Wireless Printer**

Show the steps to install Wireless printer

* + Double click on the folder Task Bii on the desktop
  + Click on the Driver setup file, continue **BUT DON’T FINISH, ask your assessor to check**

1. **Go update the helpdesk SW with the Faults & Rectification+ add a screenshot in the Network Plan document (Appendix B)**
2. Reset Router
3. **Connect to Router**
   * **Connect workstation to the default router**
4. **Open browser, type 192.168.0.1**

**With user: admin , password: admin**

1. **Change SSID to your name**

**Go to Wireless 🡪 Wireless Settings🡪**

* + **Wireless Network Name: your name**
  + **Enable Wireless Router Radio & SSID Broadcast**
  + **Save & Reconnect to the router with new SSID & old password**

1. **Change the password**

**Wireless🡪 Wireless Security🡪 change password to P@ssw0rd123**

1. **Change Security**

**WPA/WPA2 – Personal (Recommended) option**

* + **Version: WPA2-PSK**

**Save & Reconnect to the router with new SSID & new password**

1. **Go to DHCP & Setup the rage of IP Address as given**

**Enable 🡪 Save**

1. **Connect the workstation to the new SSID and test (ping) the network.**
2. **Got to CMD – ping 192.168.0.1- 192.168.1.1 Check that the router is connected**

**Raise your hand for the assessor to check**

1. **Go the printer, connect the printer to the your SSID :** 
   * Home > setup> network> wireless> Wireless Setup Wizard> Continue> Wait until it finds the Task Bii SSID>