

Imaging Instructions

SIG: OLGCOMPUTER LAB UPGRADE – PHASE I

There will be at least 8 PC's needed for a special teacher training session. A preliminary image was made which has Office Professional installed. We will use BartPE to boot the machines, then we will load the image from an Iomega Network Hard Drive. Then we will customize each machine individually using NewSID and complete other tasks. Once connected to the OLG network, we will complete the setup and test the machines.

Notes: BartPE uses a Static IP configuration, whereas the imaged PC settings are DHCP.

To begin...

1. Attach 4 PC's to Gigabit Switch with Cat5 cable
2. Attach mouse, keyboard, monitor & power cable
3. Turn on PC and insert BartPE CD ROM (if necessary reboot to allow BartPE to load. F10 will access setup BIOS in case boot device selection required.)
4. Wait until PC loads...
5. Message displayed: "Do you want to start network support now?" Select "Yes" (turns on network card)
6. PE Network configurator
 - a. Select: "Static IP Address (manual)", click "OK" (network tools loaded, NIC registered, etc.)
 - b. Review PE Network configuration and among the 4 PCs be sure that each machine has a unique static IP address: 192.168.0.241 (242, 243,244, etc)
 - c. Subnet Mask should be: 255.255.255.0
 - d. Default gateway should be: 192.168.0.1
 - e. Select "Ok" (settings applied... wait...)
7. Select "GO" on bottom left of BartPE screen
8. Select: "Program", "Storage", "Acronis True Image"
9. Select a task: "Recovery"... the Restore Data Wizard loads... Select "Next"
10. In "Archive Selection", select FTP connections... enter file name:
<ftp://192.168.0.2/hethdd/olgcftp> (you may need to cancel connection window until you have completed the entire file name above)
11. "user" and "olgcpassword"
12. Selectolgc1.tib, then choose "Next"
13. Be sure that "Restore disks or partition" is selected
14. Check Disk 1 box, then choose "Next"
15. In the Restored Partition Resizing window: be sure that "No, I do not want to resize partition" is selected, then choose "Next"
16. Select Hard Drive Location... Disk 1 ... IDE(0) Primary Master, then choose "Next"
17. Non-empty destination hard Drive message... Select: "Yes I want to delete all partitions on the destination Hard Drive before restoring" , then choose "Next"

18. Next selection... Restore another partition or hard drive from backup archive?
Select "No", then choose "Next"
19. Additional settings: select "Do not validate (leave it blank), then choose "Next"
20. Summary screen displayed... review selections.
21. Select "Proceed"... 8 minutes remaining.
22. Take a break!
23. When completed there should be a message: "The data was successfully restored"
Choose "Ok"
24. Close Acronis
25. Remove CD ROM from drive
26. Select "GO", "Shutdown", "Restart"
27. Windows should reboot
28. Select "Admin" password: "olgcpassword"
29. Close "Take a Windows XP tour" window
30. Change desktop properties so computer user will be aware that they are in the Admin profile...
 - a. Right click anywhere on the desktop
 - b. Select Properties
 - c. Select Desktop
 - d. Select "none"
 - e. Select color: dark green
 - f. Apply
 - g. OK
31. Change User account type (unlock the account)
 - a. My Computer
 - b. Control Panel
 - c. User Accounts
 - d. Select "User" account
 - e. Change the account type
 - f. Select Computer Administrator
 - g. Close User Accounts window
 - h. Close Control Panel
32. Copy NewSID...
 - a. Open Downloads folder on Admin Desktop
 - b. Right click on "NewSID" folder and select "Copy"
 - c. Select My Computer, C: drive
 - d. Allow hidden files and folders to be displayed: "Show contents of this folder"
 - e. Select Windows folder
 - f. Allow hidden files and folders to be displayed: "Show contents of this folder"
 - g. Select Temp folder
 - h. Right click and paste NewSID into temp folder
33. START, Log off Admin
34. Log in as User
35. Close "Unable to connect to network /mapped drive" window

36. Install NewSID program
 - a. Open My Computer, C: drive
 - b. Allow hidden files and folders to be displayed: “Show contents of this folder”
 - c. Select Windows folder
 - d. Allow hidden files and folders to be displayed: “Show contents of this folder”
 - e. Select Temp folder
 - f. Right click on NewSID folder, select “extract all”
 - g. Accept default path: C:/Windows/Temp/NewSID, select “Next”... files extracted...
 - h. Select “Finish”
 - i. Double click on NewSID exe file to run it. NewSID Wizard loads
 - j. Select “Random SID”, choose “Next”
 - k. Rename the computer: Check “review and enter assigned name” and enter the machine name... change from LAB1 to LAB2, LAB3, etc. (see label on PC)
 - l. Uncheck “Automatically Reboot”, select “Next”... system updates and renames PC
 - m. When over, select “Finish”
37. Remove NewSID software from PC
 - a. Delete EULA and NewSID from NewSID folder
 - b. Go up to next folder (Temp) and delete NewSID folder and NewSID.zip
 - c. Right click on Recycle Bin and empty recycle bin... All? Yes!
38. START, Turn off, Shutdown
39. Relocate PC to workstation location and connect cables
Note: Ethernet connection to the switch for OLG network is DHCP (as already set up in the image)
40. Turn on PC
41. Log in as User (still with Admin privileges!)
42. Apply Proxy settings
 - a. Open Internet Explorer
 - b. Choose: Tools, Internet Options, Connections
 - c. Select LAN Settings
 - d. Check Proxy Server box
 - e. Enter IP: “192.168.1.1”, Port setting as “8080”
 - f. Select OK and close window
 - g. Check to be sure the home page default is:
www.ourladyofgoodcounsel.net
43. Map Drives
 - a. Right click on “My Computer”
 - b. Select “Map Network Drive...”
 - c. Select R:
 - d. Enter [\\olgcserver\tnvserver](http://olgcserver\tnvserver)
 - e. Select S:
 - f. Enter [\\server\edmark](http://server\edmark)

- g. Select T:
- h. Enter [\\cdtower\volumes](#)
- 44. Verify printer driver installed and is the default printer for “User”
- 45. Test printer
- 46. Test Internet Connection
- 47. Other Issues???

NOTES:
