

MCIT Networking Research Material

1. Watch two videos describing basic types of networks:
 - a. Peer-to-Peer Networks <http://youtu.be/-krSIFofR1g>
 - b. Client-Server Networks <http://youtu.be/yF72ata6wPM>
2. Conduct a search on YouTube to find quality videos to explain the following terms:
 - MAC address
 - IP addressing
 - DNS (Domain Name Server)
 - DHCP (Dynamic Host Control Protocol)
3. Conduct a search in Windows 7's Help and Support topics for the search term, "network troubleshooter" and review the topics found in the Help results.
4. Read about using the built-in Network Troubleshooter in Windows 7
 - <http://windows.microsoft.com/en-US/windows7/Using-the-Network-troubleshooter-in-Windows-7>
 - http://www.pcworld.com/article/224311/windows_networking_troubleshooting_tips.html
5. Read about common command-line troubleshooting tool used to identify and/or solve networking problems with Windows 7 computers.
 - <http://technet.microsoft.com/en-us/magazine/ee924647.aspx>
 - <http://certcities.com/editorial/columns/story.asp?EditorialSID=460>
6. Read about sharing resources using Windows 7
 - <http://windows.microsoft.com/en-US/windows7/help/videos/sharing-files-with-homegroup>