Networking Project Due Dates

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| **Project 1: Internetworking with Linux and Windows (Oct 20)**Install Linux and Windows Server in two different computers. Authentication should be through the use of Windows Active Directory. Share files between the two. Samba provides integration between Windows and Linux.  |
| **Project 2: Router setup using CISCO IOS and creating Virtual Local Area Networks. (Oct 27)**Set up a CISCO router using IOS. There are home-Cisco router that do not come with IOS; please do not use those. Make sure you can browse the internet and share files.  |
| **Project 3: Cyber Security and Forensics (Nov 3)**Using Backtrack show how forensic analysis is conducted. Using readily available programs in the internet show how a malware can be planted and show how an attacker then can take control of the system. |
| **Project 4: Microsoft System monitoring and management (Nov 10)**1. Demonstrate Task Manager and show what you can do with each of the tabs (Applications, Processes, Services, Performance, Networking and Users)
2. Demonstrate the use of Regedit and show how you can search and delete items that cause problems.
3. Demonstrate the use of MSconfig and show you can modify each of those.
4. Demonstrate the use of computer management and explain the use of System tools (task scheduler, event viewer – please spend considerable time here, local users and groups and device manager), disk management and services and application management. There may be some overlap with item #1 here.
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| **Project 5: WINDOWS SERVER GROUP POLICY(Nov 17)**Demonstrate how to administer group policies. Group policy administrative tools include Group Policy Editor for Active Directory and Sysvol, server side snap-ins, Group Policy Management Console, Resultant Set of Policy. Explain these and show examples of using each. Write some group policies for internet search sites, new program installation, etc. and demo them. |
| **Project 6: VIRTUAL PRIVATE NETWORKING and COMMUNICATION SERVERS (Nov 24)** |