

System and Network Administration
CSIS 341
Lab 03

Name _____

- Please upload your answers to the appropriate D2L folder.
- All the requirements for a section must be satisfactory completed for credit.
- The lab must be completed before the due date and time.
- Contact your instructor with your questions about the assignments.
- The student must insure all the answers are free from any malware.
- The student must insure all answers are legal as defined by the class syllabus.

Lab03 – Active Directory Design and Security Concepts

- 3.1. This section is three parts. All answers must be in pdf file format. You will upload to the appropriate drop box.
 - 3.1.1. Create a logical diagram for the Active Directory Domain dragon.example.org beginning with your organizational unit and below.
 - 3.1.2. Document all Active Directory permission settings for objects in your Organizational Unit.
 - 3.1.3. Document your Organizational Unit's Group Policy Object permission settings.
- 3.2. This section is eleven parts. All answers must be in pdf file format. You will upload to the appropriate drop box.

Create a batch file or script on your class virtual machine with the following characteristics and output.

 - 3.2.1. The script will have remarks identifying the author, creation date, outside help credit, and script purpose.
 - 3.2.2. Use a netsh command to display properties of all advance firewall properties. Export the data to output file.
 - 3.2.3. Use a netsh command to show ipv6 privacy configuration parameter. Export the data to output file.
 - 3.2.4. Use a netsh command to show current ipv6 addresses. Export the data to output file.
 - 3.2.5. Use a netsh command to display ipv6 DNS server addresses. Export the data to output file.
 - 3.2.6. Use a netsh command to show current ipv6 route. Export the data to output file.
 - 3.2.7. Use a netsh command to show ipv4 address configuration. Export the data to output file.
 - 3.2.8. Use a netsh command to show current ipv4 addresses. Export the data to output file.
 - 3.2.9. Use a netsh command to show ipv4 route. Export the data to output file.
 - 3.2.10. Report the current date and time (date /T)
 - 3.2.11. Add the batch file or script source code to the file containing the output for this section.
- 3.3. This section is four parts. You must successfully complete all the listed simulators.
 - 3.3.1. Simulator 1.2.4 Configure Global Catalog Servers
 - 3.3.2. Simulator 1.2.5 Enable Universal Group Membership Caching
 - 3.3.3. Simulator 1.3.8 Transfer RID and PDC Masters
 - 3.3.4. Simulator 1.3.9 Transfer the Infrastructure Master
- 3.4. This section is three parts. You must successfully complete all the listed simulators.
 - 3.4.1. Simulator 1.3.10 Troubleshoot Operations Masters
 - 3.4.2. Simulator 1.4.5 Create RODC Accounts
 - 3.4.3. Simulator 1.7.6 Back Up Active Directory