System and Network Administration
CSIS 341
Lab 09

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.

Lab09 – Active Directory Certificate Services
    9.1. This section is one part. All answers must be in pdf file format. This section requires a demonstration.
        9.1.1. One section is installing a database on a server in the class domain. The database must have at least 10 fields and 25 rows. Within the required matrix, at least 80% will have with meaningful data. The database must be on a class server in the folder apps for your OU. You may have additional folders below apps.
            9.1.1.1.   Demonstrate to your instructor the Barbel or Beta section has the ability to add, delete, change, and view the data in the database.
            9.1.1.2.   Demonstrate to your instructor that the Charon or Chi section may only read data in the database.
            9.1.1.3.   Demonstrate to your instructor that the Abbot or Able section has no access to the data.

    9.2. This section is two parts. All answers must be in pdf file format. You will upload to the appropriate drop box. Create a batch files or scripts on your class virtual machine with the following characteristics and output.
        9.2.1. First batch file or script
            9.2.1.1.   The script will have remarks identifying the author, creation date, outside help credit, and script purpose.
            9.2.1.2.   Output the ldif information for your organization unit to an output file.
            9.2.1.3.   Add the current date and time to the output file.
            9.2.1.4.   Add the batch file or script source code to the output file.
        9.2.2. Second batch file or script
            9.2.2.1.   The script will have remarks identifying the author, creation date, outside help credit, and script purpose.
            9.2.2.2.   Compare two ldif outputs from two different days and output the differences to an output file.
            9.2.2.3.   Add the current date and time to the output file.
            9.2.2.4.   Add the batch file or script source code to the output file

    9.3. This section is four parts. You must successfully complete all the listed simulators.
        9.3.1. Simulator 5.5.9 Configure a RADIUS Solution
        9.3.2. Simulator 5.5.10 Configure a RADIUS Proxy
        9.3.3. Simulator 5.6.7 Configure a System Health Validator
        9.3.4. Simulator 6.1.6 Configure a Downstream Server

    9.4. This section is two parts. You must successfully complete all the listed simulators.
        9.4.1. Simulator 6.1.11 Configure Computer Groups
        9.4.2. Simulator 6.1.12 Configure Client-side Targeting