

System and Network Administration  
CSIS 341  
Lab 07

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.

**Lab07 – Configuring DNS for Active Directory**

- 7.1.** This section is two parts. All answers must be in pdf file format. You will upload to the appropriate drop box.
- 7.1.1.** Provide a list of all the top-level domains available on the Internet. Include your source of information and the date of research. This must include all the country codes currently in use at top-level domains.
- 7.1.2.** Provide a list of all the current Internet root servers, the A record IP address, the AAAA record IP address, and last revision date.
- 7.2.** This section is four parts. You must successfully complete all the listed simulators.
- 7.2.1.** Simulator 4.2.3 Configure Forwarders
- 7.2.2.** Simulator 4.2.6 Delegate Domains
- 7.2.3.** Simulator 4.3.7 Create Standard Zones
- 7.2.4.** Simulator 4.3.8 Create a Reverse Lookup Zone
- 7.3.** This section is five parts. You must successfully complete all the listed simulators.
- 7.3.1.** Simulator 4.3.9 Create an Active Directory-integrated Zone
- 7.3.2.** Simulator 4.3 Disable Zone Transfers
- 7.3.3.** Simulator 4.4.4 Configure a Partner DNS Solution
- 7.3.4.** Simulator 4.4.5 Enable Dynamic DNS Updates
- 7.3.5.** Simulator 4.4.6 Troubleshoot Dynamic DNS
- 7.4.** This section is five parts. You must successfully complete all the listed simulators.
- 7.4.1.** Simulator 4.5.4 Create Host Records
- 7.4.2.** Simulator 4.5.5 Create CNAME Records
- 7.4.3.** Simulator 4.5.6 Troubleshoot DNS Records
- 7.4.4.** Simulator 4.6.7 Configure DNS Round Robin
- 7.4.5.** Simulator 4.6.8 Configure DNS Aging and Scavenging