

Network Operating Systems
CPTR 2272
Lab 02

- 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.
- All parts of your answers must be neat and easy to read.
- Paragraphs are at least four properly constructed English sentences.
- Embedding documents within documents does not work with the D2L Bright Space assignments.

Lab 02: Configuring the Windows Server 2016 Environment

- 2.1 Each part is worth five points for a maximum of twenty-five points. Upload each section answer(s) to the D2L Bright Space Assignment section 2.1 before the due date found in the 2272a.pdf document. The text must be readable by the instructor. Submit a Portable Document Format (PDF) or word processing file containing your answers.
- 2.1.1 The script will have remarks identifying the author, creation date, outside help credit, and script purpose. The answer file must be generated on your virtual machine client system.
 - 2.1.2 Redirect the output of the ipconfig command showing all possible information to your text answer file.
 - 2.1.3 Redirect the output of a successful ping of Chile.mait.minnesota.edu to your text answer file.
 - 2.1.4 Redirect the output of a successful ping of argentina.mait.minnesota.edu to your text answer file.
 - 2.1.5 Add the script source code to your text answer file. Provide a copy of the answer file with all the required elements. The answer file must be generated on your virtual machine client system.
- 2.2 Each part is worth five points for a maximum of twenty-five points. Upload each section answer(s) to the D2L Bright Space Assignment section 2.2 before the due date found in the 2272a.pdf document. The text must be readable by the instructor. Submit a Windows or Unix text file with the appropriate Windows extension.
- 2.2.1 The script will have remarks identifying the author, creation date, outside help credit, and script purpose. The answer file must be generated on your virtual machine client system.
 - 2.2.2 Report the output of the appropriate command listing all the local groups to your text answer file.
 - 2.2.3 Report the output of the appropriate command list all the local logons to your text answer file.
 - 2.2.4 Report the members of each local group on your virtual machine to your text answer file.
 - 2.2.5 Add the script source code to your text answer file. Provide a copy of the answer file with all the required elements.
- 2.3 Each part is worth six points for a maximum of twenty-five points. Upload each section answer(s) to the D2L Bright Space Assignment section 2.3 before the due date found in the 2272a.pdf document. Create shell script and response file with the following. The text must be readable by the instructor. Submit a Windows or Unix text file with the appropriate Windows extension.
- 2.3.1 Document your virtual machine task scheduler settings to automatically logon to the class VPN at start up.
 - 2.3.2 Document all scripts use by task schedule to automatically logon to the class VPN at start up.
 - 2.3.3 Document all your virtual machine IP address settings while connected to the class VPN.
 - 2.3.4 Document your virtual machine successfully joining the domain.
- 2.4 Each subsection is worth eight points maximum of twenty-five points. Students may upload the appropriate csv file to the D2L Bright Space Assignments section 2.4 before the due date found in the 2272a.pdf document.
- 2.4.1 Simulator lab 0.2.2 Explore Hyper-V Servers
 - 2.4.2 Simulator lab 2.1.11 Explore IPv4 Configuration
 - 2.4.3 Simulator lab 2.1.12 Configure IPv4 Settings