

Enterprise Network Technologies
CPTR 2245
Lab 06

- 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.
- All videos must be viewable in the VLC player.

Lab 06: Cloud Security

- 6.1 Each part is worth five points for a maximum of twenty-five points. Upload each section answer to D2L Bright Space Assignment section 6.1 before the due date found in the 2245a.pdf document. The text must be readable by the instructor. Submit a Portable Document Format (PDF) or word processing file containing your answers.
- 6.1.1 Provide evidence of successfully completing the following Qwiklabs Quest, Perform Foundational Infrastructure Tasks in Google Cloud (4 hours – 8 credits)
 - 6.1.1.1 Google Cloud Pub/Sub: Qwik Start – Console
 - 6.1.1.2 Google Cloud Pub/Sub: Qwik Start – Command Line
 - 6.1.1.3 Google Cloud Pub/Sub: Qwik Start – Python
 - 6.1.1.4 Perform Foundational Infrastructure Tasks in Google Cloud: Challenge Lab
 - 6.1.2 Provide the URL showing you earned the badge. If you were not able to finish the quest, explain the troubleshooting you did to resolve the problem(s).
- 6.2 Each part is worth eight points for a maximum of twenty-five points. Upload each section answer to D2L Bright Space Assignment section 6.2 before the due date found in the 2245a.pdf document. The text must be readable by the instructor. Submit a Portable Document Format (PDF) or word processing file containing your answers.
- 6.2.1 Provide evidence of successfully completing the following Qwiklabs Quest, Google Workspace for IT Administrators (5 hours – 7 credits)
 - 6.2.1.1 Google Workspace Admin: Getting Started
 - 6.2.1.2 Google Workspace Admin: Provisioning
 - 6.2.1.3 Google Workspace Admin: Managing Applications
- 6.3 Each part is worth five points for a maximum of twenty-five points. Upload each section answer to D2L Bright Space Assignment section 6.3 before the due date found in the 2245a.pdf document. The text must be readable by the instructor. Submit a Portable Document Format (PDF) or word processing file containing your answers.
- 6.3.1 Provide evidence of successfully completing the following Qwiklabs Quest, Google Workspace for IT Administrators (5 hours – 7 credits)
 - 6.3.1.1 Google Workspace Admin: Managing Google Meet
 - 6.3.1.2 Google Workspace Admin: Securing
 - 6.3.1.3 Google Workspace Admin: Super Admin Account Recovery
 - 6.3.1.4 Configure Your Workplace: Google Workspace for IT Admins: Challenge Lab
 - 6.3.2 Provide the URL showing you earned the badge. If you were not able to finish the quest, explain the troubleshooting you did to resolve the problem(s).
- 6.4 Each part is worth four points for a maximum of twenty-five points. Upload each section answer to D2L Bright Space Assignment section 6.4 before the due date found in the 2245a.pdf document. The text must be readable by the instructor. Submit a Portable Document Format (PDF) or word processing file containing your answers.
- 6.4.1 Provide the iperf3 results between two VM on your system.
 - 6.4.2 Provide the iperf3 results between two Docker instances on your system.
 - 6.4.3 Provide the iperf3 results between two cloud VM in the same location.
 - 6.4.4 Provide the iperf3 results between two cloud VM in different locations. Please identify the cloud locations.
 - 6.4.5 Format the data into an easy to understand format.
 - 6.4.6 In a paragraph or more, explain the performance differences.