|  |  |
| --- | --- |
| Phase-Part | Score |
| 1 | /3 |
| 2 | /4 |
| 3 | /4 |
| 4 | /4 |
| Total | /15 |

CY350 – Final Project Design Evaluation

The final project design evaluation is meant to give you the opportunity to demonstrate your ability to **evaluate** a network-based solution with respect to the identification and analysis of user needs. More succinctly, your task is to evaluate the group’s ability to satisfy the functional requirements defined in the list of design requirements of Phase I. Write 1-2 paragraphs to answer each question (1-4). In total, your answers should be approximately 1 page in length. When you have answered all questions thoroughly and have marked your assessments for the presentation, print this document to pdf and submit to Canvas.

1. (3 points) How has the group ensured that all user density requirements by location and function are satisfied given the provided IP address range? Did the group discuss why they chose this particular solution? If not, what was your assessment of **why** they chose this solution?
2. (4 points) Explain the group’s strategy to ensure voice traffic from FOB Ironhorse travels across the direct physical link between FOB Warhorse and COB Speicher. Your analysis should include, but is not limited to, which routing protocols are running in the overall topology, how and where route redistribution is occurring, and how the group intends to verify that voice traffic is traversing the designated route.
3. (4 points) Describe the group’s switching and VLAN architecture. Did the group include in their design switching features that would scale well with the potential installation of additional switches at FOB Warhorse? If not, what features should the group have included in their design? Explain.
4. (4 points) What was the group’s strategy in ensuring all security features were satisfied? Specifically, how did they restrict SSH access to each network device, how and where did they prevent potentially malicious external traffic from entering the network, and how and where did they control internal traffic according to the design requirements?