EO 001.04 - Analyze Data Networking

001.04.01- Describe Internet Protocol

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Conditions** | | | | **Sequence** |
| Classroom with Workstations and Projector | | | | After EO 001.03 |
| **Time** | | **Classification** | | **Instructor** |
| 50 Minutes | | Unclassified | | TDL 300 Qualified Instructor |
|  | | | | |
| **Learning Objectives** | | | | **Method** |
| 1) IPv4  2) IPv6  3) Subnet Masks  4) Port Numbers | | | | * Reading Assignment * Interactive Lecture * Confirmation Questions * Best Summary |
|  | | | | |
| **Scenario** | Nil | | | |
| **Activity**  **Steps** | **Introduction** –   1. This is a basic introduction of standard Internet Protocol in general.   **Activity -**   1. Instructor will deliver an interactive lecture for LOs 1, 2, 3 and 4 to include confirmation questions at the end to solidify the knowledge. 2. Instructor will conduct confirmation activity using document EO 001.04.01 - Internet Protocol.ppt     **Conclusion** –   1. Each student will conduct best summary activity where they will summarize their main takeaways from the lesson. | | | |
|  | | | | |
| **Resources** | | | **References** | |
| 1) Power Point Slides  2) TDL Workbook  3) Confirmation Questions  4) TDL Tool Kit | | | 1) COMPTIA A+  2) COMPTIA Network +  3) Various internet sources  4) AIT Manual | |
|  | | | | |
| **Notes to Instructor** | | | | |
| * Refer to AIT Manual for best practices to conduct Best Summary. * Data Networking can be a very complex subject. Keep discussions and points to the basic level and ensure you understand the subject prior to delivering the lecture. | | | | |