



IT 200 Network Configuration Activity Guidelines and Rubric

Understanding basic network terminology and the rationale for specific network configurations is key for understanding IT. Ensure that you have reviewed the blog [Basic Computer Networking Terminology](#).

For this submission:

- Create a bulleted list that identifies and defines key concepts for network configuration.
- Write a brief one- to two-paragraph summary of the home network configuration provided in [this image](#).

Specifically, the following must be addressed:

1. Definition and roles of:
 - 1.1. IP Address and DNS
 - 1.2. Server and Client
 - 1.3. VPN
 - 1.4. Firewalls
 - 1.5. LAN versus WAN
2. Summary describing the home network configuration

Guidelines for Submission: The Network Configuration Activity should follow these formatting guidelines: Word document that is one page maximum with 12-point Times New Roman font and one-inch margins.

Instructor Feedback: This activity uses an integrated rubric in Blackboard. Students can view instructor feedback in the Grade Center. For more information, review [these instructions](#).

| Critical Elements | Exemplary (100%) | Proficient (85%) | Needs Improvement (55%) | Not Evident (0%) | Value |
|---|--|---|---|--|-------|
| Definition of IP Address and DNS | Meets "Proficient" criteria and indicates their relationship | Accurately defines IP address and DNS and their roles | Attempts to define IP address and DNS and their roles; however, information is incomplete or inaccurate | Does not define IP address and DNS and their roles | 15 |
| Definition of Server and Client | Meets "Proficient" criteria and indicates their relationship | Accurately defines Server and Client and their roles | Attempts to define Server and Client and their roles; however, information is incomplete or inaccurate | Does not define Server and Client and their roles | 15 |
| Definition of VPN | Meets "Proficient" criteria and provides an example | Accurately describes the concept of VPN | Attempts to describe the concept of VPN; however, information is missing or inaccurate | Does not provide a description of VPN | 15 |

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|---|--|--|--|---|-------------|
| Definition of a Firewall | Meets “Proficient” criteria and describes the importance of firewalls | Accurately defines the concept of a firewall | Attempts to define the concept of a firewall; however, information is missing or inaccurate | Does not define a firewall | 15 |
| Definition of LANs and WANs | Meets “Proficient” criteria and provides examples of LANs and WANs | Accurately defines the concepts of LANs and WANs | Attempts to define the concepts of LANs and WANs; however, information is missing or inaccurate | Does not define LANs and WANs | 15 |
| Summary Description of Network Configuration | Meets “Proficient” criteria and provides a comprehensive description of the relationships among the components | Describes the home network configuration provided, including the peripherals and type of network | Describes the home network configuration provided; however, information is missing or inaccurate | Does not describe the home network configuration provided | 25 |
| Total | | | | | 100% |