

Unit 9 Discussion 1: Firewall Implementation Planning

Learning Objectives and Outcomes

You will learn about firewall implementation planning, including a survey of use, scope, address space, technologies in use, availability, and support skill set.

Discussion Requirements

You are provided a handout containing various discussion points.

Discuss the pros and cons of firewall deployments by answering the following questions:

- What are the relevant issues surrounding firewall deployments?
- How does one balance security requirements with usability requirements?

Summarize your thoughts in a Microsoft Word document and submit it to your instructor.

Respond to at least two other students' views to engage in a meaningful debate regarding their choices or to defend your choice.

Submission Requirements

Font: Arial 10 point size

Line Spacing: Double

Due: By Unit 8

Discussion Process Checklist

- | | |
|---|--------------------------|
| I have engaged in discussion of the assigned topic(s) with at least two of my peers. | <input type="checkbox"/> |
| I have raised questions and solicited peer and instructor input on the topic(s) discussed. | <input type="checkbox"/> |
| I have articulated my position clearly and logically. | <input type="checkbox"/> |
| I have supported my argument with data and factual information. | <input type="checkbox"/> |
| I have provided relevant citations and references to support my position on the issue discussed. | <input type="checkbox"/> |
| I have compared and contrasted my position with the perspectives offered by my peers and highlighted critical similarities and differences. | <input type="checkbox"/> |

I have solicited peer and instructor feedback on my arguments and propositions.

I have offered a substantive, critical evaluation of the peer's perspective on the discussed issue(s) that is opposite of mine, and supported my critical review with data and factual information.

Discussion Summary Checklist

I have covered topical requirements assigned for this document.

I have captured critical points of the discussion.

I have summarized different perspectives offered by the discussants.

I have summarized 2-3 major learning moments I experienced during the discussion.

I have briefly discussed how my perspective changed or got validated through this discussion.

I have provided feedback on how the discussion could be improved.

I have followed the submission requirements:

File Format: Microsoft Word (.doc / .docx)

Length: 1-2 pages

Font: Arial 10 point size

Line Spacing: Double

Unit 9 Assignment 1: Remote Access Security Plan and Documentation

Learning Objectives and Outcomes

- You will learn how setting up a defense-in-depth plan can be complicated and involve several technologies and layers.
- You will learn about potential conflicts in real-world requirements.

Assignment Requirements

You have been working as a technology associate in the information systems department at Corporation Techs for more than two months now. Corporation Techs' information technology (IT) department is setting up a new network in a remote office for an engineering firm. The network requires several groups: Project Management, Engineering, Drafting, and Architecture. The office is being set up near the project site and therefore, is separate from the main office. Further, several key employees will need access to the main office and remote office computer services. A network security and Virtual Private Network (VPN) plan is needed to connect it all together.

The network should segment for the four major groups with VPN access allowed by specific remote workers into each group.

Develop a network security plan, basic topology, and VPN plan for this remote office. The security plan should keep the main office and its digital assets safe in case of a failure at the remote office.

