

Introducing Network Design Concepts

Objectives

Upon completion of this chapter, you should be able to answer the following questions:

- What are the benefits of a hierarchical network design?
- What is the design methodology used by network designers?
- What are the design considerations for the core, distribution, and access layers?
- What are the design considerations for the network enterprise edge?
- What are the design considerations that must be met to support remote workers?
- What are the design considerations for supporting enterprise wireless and/or data center/server farms?

Key Terms

This chapter uses the following key terms. You can find the definitions in the Glossary.

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deterministic network page 5

top-down approach page 7

content networking page 8

storage networking page 8

network backbone page 9

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