

## CCNP ROUTE: Planning Routing Services

Lesson: Assessing Complex Enterprise Network Requirements

Cisco Enterprise Architectures

Cisco Hierarchical Network Model

Example: Hierarchical Campus Model

Example: Hierarchical Network Model WAN

Enterprise Composite Network Model

Functional Areas

Enterprise Composite Network Model

Network Traffic Mix

Network Requirements

Example: Enterprise Network 1

Cisco SONA Framework

Cisco SONA Framework Layers

Intelligent Information Network

Example: Enterprise Network 2

Routing Protocols

Routing Protocol Comparison

Example: Enterprise Network 3

Summary

Lesson: Creating an Implementation Plan and Documenting the Implementation

Implementing Routing in the Network

Structured Approach

Models and Tools

Create the Implementation Plan 1

Identify the Required Network Information

Identify Other Requirements

Create the Implementation Plan 2

Implementation Plan Documentation

What to Document?

Example: Implementation Plan

Enterprise Network Topology Required

Identify Network Information and

Requirements

Creation of the Implementation Plan

Demo - Network Planning

Summary

Module Review