

# Cisco CCNP Enterprise (350-401 ENCOR) Quick Summary

Fast 3-5 minute refresh for the ENCOR scope, comparisons, and common traps.

<b>Best for</b> Ultra-fast memory refresh	<b>Focus</b> Definitions, priorities, and enterprise shortcuts	<b>Use with</b> Use with cheat sheet for deeper review
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## 1. Fast refresh

<b>ENCOR scope</b>	Architecture, virtualization, infrastructure, assurance, security, automation.
<b>Think operationally</b>	Many questions are not pure theory; they mix design intent with verification or troubleshooting.
<b>CLI still matters</b>	Even with automation, show commands remain the quickest validation tools.
<b>Overlay awareness</b>	Know where SD-Access and SD-WAN fit conceptually even if details vary.

## 2. Common traps

<b>Policy vs path</b>	A technically reachable path may still violate policy, QoS, or security intent.
<b>Telemetry vs polling</b>	Streaming models differ from classic polling in timeliness and scale.
<b>HSRP/VRRP purpose</b>	Default gateway resiliency, not generic routing replacement.
<b>VRF vs VLAN</b>	Layer 3 separation versus Layer 2 segmentation.

## 3. Security shortcuts

<b>AAA</b>	Centralize identity/accounting for admin actions.
<b>802.1X</b>	Control who gets on the wired/wireless network.
<b>SSH &gt; Telnet</b>	Always prefer encrypted management.
<b>Segmentation</b>	Use it for both security and fault containment.

## 4. Automation shortcuts

<b>JSON</b>	Machine-readable structure for APIs.
<b>REST</b>	Simple HTTP-based API interaction model.
<b>Templates</b>	Reduce config drift.
<b>Source of truth</b>	Automation works best when intended state is defined clearly.