

New CCNP Routing and Switching courses (ROUTE v2.0, SWITCH v2.0 and TSHOOT v2.0) include major updates and follow an updated blueprint. Some older topics have been removed or simplified, while several new IPv6 routing topics have been added. Content has been adapted to Cisco IOS Software Release 15 and technically updated. The courses also introduce new type of labs, called discovery labs. Details of the content updates can be seen below.

ROUTE

Removed	Added
Complex enterprise network requirements (Cisco Network Models, SONA	Basic Network and Routing Concepts
Framework)	
Implementation Planning and Documentation	Implementing RIPng
Advertising an IP Default Network in EIGRP	Configuring EIGRP for IPv6
EIGRP over Multipoint Subinterfaces	Discovering Named EIGRP
	Configuration
EIGRP Bandwidth Use Across WAN Links	Configuring OSPFv3
Details in OSPF over Different Frame Relay Implementations	Using Cisco Express Forwarding
	Switching
OSPF Virtual Links	Configuring NAT Virtual Interface
Implementation of NSSA and Totally NSSA OSPF Areas	Basic IPv6 Internet Connectivity
	Implementing BGP for IPv6
	Securing Cisco Routers

SWITCH

Added
Cisco SDM Templates
DHCP for IPv6
NTP for IPv4 and IPv6, SNTP
SNMP Version 3 Configuration
SPAN
Switch Virtualization (StackWise, VSS)
First Hop Redundancy for IPv6
Storm Control

TSHOOT

Removed	Added
FCAPS Model	Troubleshooting IPv6 Address Assignment on Clients
Troubleshooting TCAM Problems	Troubleshooting DHCP Snooping
Understanding Cisco IOS Switching Paths (Process Switching, Fast Switching, CEF)	Cisco TAC
Cisco IOS Firewall Security Feature	EIGRP Named Configuration
	Troubleshooting FHRP Tracking
	Troubleshooting GRE Tunnels
	Troubleshooting Policy Based Routing
	Troubleshooting EIGRP for IPv6
	Troubleshooting BGP for IPv6
	Troubleshooting OSPFv3 Address Families
	Feature