



# *CCIE Routing & Switching*

Presented by:

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# CCIE Routing and Switching v5.0

Certification process

Changes

Design

Evolution



CCIE Rsv5		% WR	% LAB
★1.0.0	Network Principles	10	0
2.0.0	Layer 2 Technologies	15	20
3.0.0	Layer 3 Technologies	40	40
★4.0.0	VPN Technologies	15	20
5.0.0	Infrastructure Security	5	5
6.0.0	Infrastructure Services	15	15

# CCIE Routing and Switching v5.0

**Validity, reliability, integrity and security**

Platform-independent concepts

Cisco IOS Software Release 15



100% Virtual equipment

More relevant network topologies

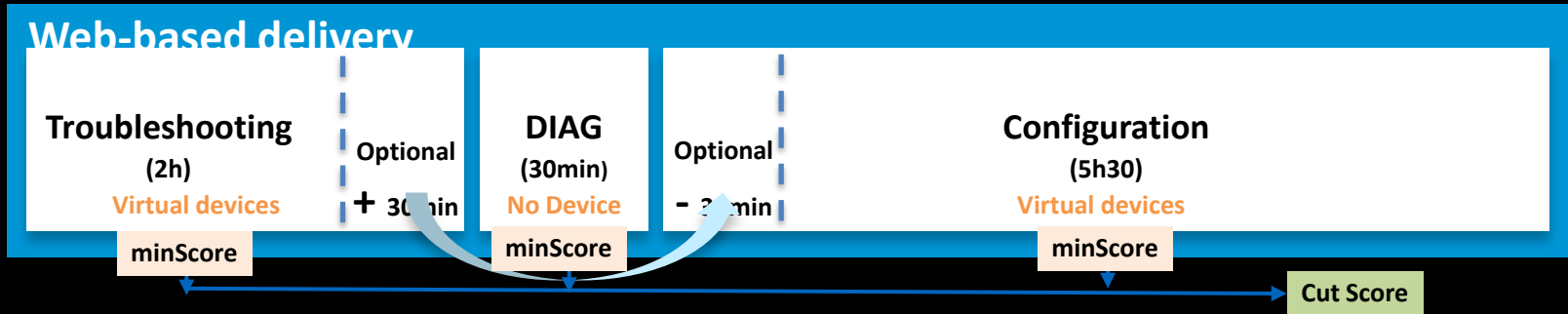
New Diagnostic



# CCIE Routing and Switching v5.0

Topics	Written only	Written & Lab
 New	IOS-XE, VSS, ISIS, L2VPN, GETVPN	Packet capture analysis, DMVPN, IPsec, IPv6 FHS
Moved from v4 Lab to v5 Written	PfR, L2QoS, IPv6 Multicast, 802.1x	
 RETIRED	Frame-Relay, FRTS, LFI, WRR/SRR, ZBF, IPS, RSVP, WCCP	

# CCIE Routing and Switching v5.0



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## TS

### Incident format:

- All incidents visible at start
- Score visible, no partial grading
- Virtual devices
- Single topology/scenario
- Independent incidents
- Troubleshoot, configure and verify solution
- Per-incident constraints

## DIAG

### Ticket format:

- All tickets visible at start
- Score visible, no partial grading
- No devices
- Multiple scenarios
- Independent tickets
- Analyze & correlate info and make a choice between options
- UNIQUE solution

## CFG

### Item format:

- All items visible at start
- Score visible, no partial grading
- Virtual devices
- Single topology/scenario
- Inter-dependent items
- Implement, configure and verify working scenario
- Multiple solutions

Thank you.

