

How to Troubleshoot Cisco Routers and Control Plane Policing

This Cisco Routers and Control Plane Policing training helps network admins manage packet traffic with Control Plane Policing (CPP) to enhance security and network efficiency. Learn to defend against DDoS attacks and optimize router performance. Ideal for security professionals and network admins, this course offers troubleshooting techniques for maintaining a fast, reliable network.

[CBT Nuggets course material](#) →

WEEK 1

Troubleshoot Device Security using IOS AAA

164 min.

Intro to Troubleshoot AAA Authentication	1
AAA Authentication Overview	6
Troubleshooting Console Access	8
Troubleshooting VTY Access	11
Hands On Lab	16

Troubleshoot Router Security Features

Overview	1
Intro to Troubleshooting Router Security Features	1
Standard IPv4 ACLs for Filtering	22
Extended IPv4 ACLs for Filtering	17
Time Based ACLs	14
IPv6 ACLs for Filtering	19
Unicast Reverse Path Forwarding (uRPF)	16

Configure and Verify Control Plane Policing (CoPP)

Overview	1
Welcome to CoPP	1
MQC Overview	5
Class Maps	6
Policy Maps	4
Service Policy for the Control Plane	15

WEEK 2

Troubleshoot Control Plane Policing

69 min.

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CoPP Review	5
CoPP with Remote Access	19
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CoPP with IPv6	11

Describe IPv6 First Hop Security Features

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IPv6 Snooping	4
IPv6 RA Guard	4
IPv6 DHCP Guard	2
IPv6 Source Guard	3