

How to Perform EIGRP Configuration and EIGRP Troubleshooting

This intermediate EIGRP Configuration and Troubleshooting training simplifies the complexities of the Enhanced Interior Gateway Routing Protocol (EIGRP). Learn to configure and troubleshoot EIGRP for efficient dynamic routing, speeding up traffic on large networks. Ideal for network admins, this course helps develop essential EIGRP skills, and can be used as a Cisco reference resource.

[CBT Nuggets course material](#) →

WEEK 1

Fundamentals of EIGRP

159 min.

Intro to EIGRP	1
EIGRP Overview	6
EIGRP Vocabulary (The beginning...)	15
Reported-Advertised BW and Delay Information	18
Backup Routes Concepts	8
Feasible Successor (Backup Route) Lab	10
Unequal Cost Proportional Load Balancing	10
Passive Interface	4
Metric Calculation	13
Summary Routes	7
EIGRP Review	3

EIGRP Address Families

Overview	1
Introduction to EIGRP Address Families	1
Overview EIGRP Configuration Options	14
Configure and Verify EIGRP for IPv4 and IPv6 using Classic Mode	8
Configure and Verify Named Mode EIGRP	24

EIGRP Neighbor Relationships and Authentication

Overview	1
Introduction to EIGRP Relationships and Authentication	1
Neighborship Overview	3
Authentication Overview	11

WEEK 2

104 min.

EIGRP Hands on Lab with Authentication

13

EIGRP Stub Routing

Overview

1

Introduction to EIGRP Stub Routing

1

Going Active in EIGRP

7

Configure and Verify Stub Routing

7

EIGRP Stub Routing Hands-on Lab

11

EIGRP Stub Sites

3

Troubleshoot EIGRP

Overview

1

Introduction to the EIGRP Troubleshooting Labs

1

Base Network Overview

10

IPv4 and IPv6 Troubleshooting Lab

8

IPv4 Walkthrough

19

IPv6 Walk-through

22