

JNCIE Enterprise Self-Study Bundle (JNCIE-ENT)

Revision 26A

Course overview

HPE Networking's JNCIE-ENT Certification Self-Study Bundle is a hands-on guide to validate your skills needed to pass the official JNCIE-ENT lab exam. The guide is based on the official JNCIE-ENT exam blueprint. Each chapter covers several technologies with expert-level configuration tasks and detailed answers. In this workbook you will find several technology introductions and theoretical knowledge about the JNCIE-ENT lab exam blueprint topics. However, do not expect a full explanation about OSPF, BGP, EVPN/VXLAN and other advanced Layer 2 services, since there are other resources available for prerequisite knowledge.

The guide contains two 8-hour practice exams to give you the same experience as in the real JNCIE-ENT exam. This guide is targeted at JNCIP-ENT certified engineers who are studying for the expert-level certification and need extra help preparing for the exam. With the purchase of this self-study bundle, you will be provided with a secured PDF version of the guide with six lab sessions that are each eight hours in duration to practice the exercises at your own pace.

Course level

[*JNCIE-ENT Certification Self-Study Bundle*](#) is an advanced-level course.

Audience

This bundle benefits individuals who have already honed their skills on Enterprise technologies and could use some practice and tips in preparation for the JNCIE-ENT exam.

Prerequisites

Students should have passed the Juniper Networks Certified Internet Professional—Enterprise (JNCIP-ENT) written exam or achieved an equal level of expertise through Education Services courseware and hands-on experience.

Objectives

- Be better prepared for success in taking the actual JNCIE-ENT exam.
- Be well-versed in exam topics, environment, and conditions.

Self-Study Bundle Contents

Chapter 1: Junos System Features

- General System Services
- User Authentication and Authorization
- Syslog Configuration
- SNMP Configuration
- Control Plane Protection
- Scripting
- Telemetry

Chapter 2: Layer 2 Configuration and Features

- Spanning Tree Overview
- LACP Overview
- Layer 2 Switching and Spanning Tree
- Layer 2 Features

Chapter 3: Layer 3 Routing and Features

- OSPF Overview
- BGP Overview
- OSPFv2 Configuration
- Virtual Router Redundancy Protocol
- BGP Configuration

Chapter 4: EVPN and Services

- EVPN Overview
- VXLAN Overview
- EVPN Underlay and Overlay BGP Configuration
- EVPN Multihoming
- EVPN Centrally Routed Bridging Fabric
- EVPN Edge-Routed Bridging Fabric

Chapter 5: Network Address Translation and Multicast

- Network Address Translation Overview
- Multicast Overview
- Network Address Translation
- Multicast Configuration

Chapter 6: Class of Service (CoS)

- CoS Overview
- CoS Configuration Building 1
- CoS Configuration Building 3

Super Lab 1

- Lab Setup Information
- Junos System Features
- Layer 2 Configuration and Features
- Layer 3 Routing and Features
- EVPN and Services
- Network Address Translation and Multicast
- Class of Service

Super Lab 2

- Lab Setup Information
- Junos System Features
- Layer 2 Configuration and Features
- Layer 3 Routing and Features
- EVPN and Services
- Network Address Translation and Multicast

- Class of Service

Appendix - Chapter 1: Junos System Features

- General System Services
- User Authentication and Authorization
- Syslog Configuration
- SNMP Configuration
- Control Plane Protection
- Scripting
- Telemetry

Appendix - Chapter 2: Layer 2 Configuration and Features

- Layer 2 Switching and Spanning Tree
- Layer 2 Feature

Appendix - Chapter 3: Layer 3 Routing and Features

- OSPFv2 Configuration
- Virtual Router Redundancy Protocol
- BGP Configuration

Appendix - Chapter 4: EVPN and Services

- EVPN Underlay and Overlay BGP Configuration
- EVPN Multihoming
- EVPN Centrally Routed Bridging Fabric
- EVPN Edge-Routed Bridging Fabric Tree

Appendix - Chapter 5: Network Address Translation and Multicast

- Network Address Translation
- Multicast configuration

Appendix - Chapter 6: Class of Service

- CoS Configuration Building 1
- CoS Configuration Building 3

Appendix - Super Lab 1

- Lab Setup Information
- Junos System Features
- Layer 2 Configuration and Features
- Layer 3 Routing and Features
- EVPN and Services
- Network Address Translation and Multicast
- Class of Service

Appendix - Super Lab 2

- Lab Setup Information
- Junos System Features
- Layer 2 Configuration and Features
- Layer 3 Routing and Features
- EVPN and Services
- Network Address Translation and Multicast
- Class of Service

Resources

[All-Access Training Pass](#)

[On-Demand](#)

[Courses](#)

[Schedule](#)

[Learning Paths](#)

[Certification](#)

Key contacts

Americas: networking.training.ams@hpe.com

Europe, Middle East, Africa: networking.training.emea@hpe.com

Asia Pacific & Japan: networking.training.apj@hpe.com

Asset ID

Visit [HPE.com](https://hpe.com)

[Chat now](#)

© Copyright 2026 Hewlett Packard Enterprise Development LP. The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

Trademark acknowledgments, if needed. All third-party marks are property of their respective owners.

EDU-JUN-JNCIE-ENT, Revision 26A

HPE.com

