

JNCIE Enterprise Self-Study Bundle (JNCIE-ENT)

Engineering Simplicity

COURSE LEVEL

JNCIE-ENT Certification Self-Study Bundle is an advanced level course.

INTENDED 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.

COURSE OVERVIEW

Juniper Networks' 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, IS-IS, BGP, and other advanced Layer 2 services since there are other resources available for prerequisite knowledge. The guide contains two full practice exams to simulate a real JNCIE-ENT lab 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 access to the course materials via Online Secure PDF, a secure PDF workbook of technology-specific lessons and exercises and two JNCIE-ENT practice exams (Super Labs), and 12 lab sessions for use at any time to perform lab exercises and practice exams - each lab session provides a maximum of 10 continuous hours of access to our lab environment.

OBJECTIVES

After successfully completing this course, you should:

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

CONTACT INFORMATION

[Contact Juniper Education Services](#)

SELF-STUDY BUNDLE CONTENTS

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2	Layer 2 Configuration and Features <ul style="list-style-type: none">• Layer 2 Switching• Spanning Tree Configuration• Layer 2 Features		Super Lab 1: <ul style="list-style-type: none">• General System Features• Layer 2 Configuration and Features• Protocol Independent Features• IGP Configuration• BGP Configuration• EVPN/VXLAN Configuration• Class of Service Configuration
3	Protocol Independent Features <ul style="list-style-type: none">• GRE Tunnel• Filter-Based Forwarding		Super Lab 2: <ul style="list-style-type: none">• General System Features• Layer 2 Configuration and Features• Protocol Independent Features• IGP Configuration• MPLS/LDP Configuration• BGP Configuration• VPN Configuration• EVPN/VXLAN• Class of Service
4	IGP Configuration <ul style="list-style-type: none">• OSPFv3• OSPFv2• IS-IS		
5	BGP Configuration <ul style="list-style-type: none">• IBGP Data Center• IBGP Site 1 and Site 2• EBGP Data Center		
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Appendix – Additional Theory

- MPLS Overview
- VPN Overview

Appendix – Chapter 1: Junos System Features

- General System Services
- User Authentication and Authorization
- Syslog Configuration
- SNMP Configuration
- Junos Space
- Firewall Filters

Appendix – Chapter 2: Layer 2 Configuration and Features

- Layer 2 Switching
- Spanning Tree Configuration
- Layer 2 Features

Appendix – Chapter 3: Protocol Independent Features

- GRE Tunnel
- Filter-Based Forwarding

Appendix – Chapter 4: IGP Configuration

- OSPFv3
- OSPFv2
- IS-IS

Appendix – Chapter 5: BGP Configuration

- IBGP Data Center
- IBGP Site 1 and Site 2
- EBGP Data Center

Appendix – Chapter 6: EVPN/VXLAN

- EVPN/VXLAN

Appendix – Chapter 7: Class of Service

- vMX Class of Service
- EX Class of Service

Appendix – Super Lab 1

- General System Features
- Layer 2 Configuration and Features
- Protocol Independent Features
- IGP Configuration
- BGP Configuration
- EVPN/VXLAN Configuration
- Class of Service Configuration

Appendix – Super Lab 2

- General System Features
- Layer 2 Configuration and Features
- Protocol Independent Features
- IGP Configuration
- MPLS/LDP Configuration
- BGP Configuration
- VPN Configuration
- EVPN/VXLAN
- Class of Service