

JNCIE Enterprise Self-Study Bundle (JNCIE-ENT)

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 one year of lab access with up to 10 hours of lab access per reservation (Maximum of 50 reservations, default reservation is 4 hours)

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.

CONTACT YOUR REGIONAL EDUCATION SERVICES TEAM

- Americas: training-amer@juniper.net
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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.

SELF-STUDY BUNDLE CONTENTS

1

Junos System Features

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

2

Layer 2 Configuration and Features

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

3

Protocol Independent Features

- GRE Tunnel
- Filter-Based Forwarding

4

IGP Configuration

- OSPFv3
- OSPFv2
- IS-IS

Continued on the next page.

COURSE CONTENTS (contd.)

5	BGP Configuration <ul style="list-style-type: none"> • IBGP Data Center • IBGP Site 1 and Site 2 • EBGP Data Center 	Appendix – Chapter 2: Layer 2 Configuration and Features	<ul style="list-style-type: none"> • Layer 2 Switching • Spanning Tree Configuration • Layer 2 Features
6	EVPN/VXLAN <ul style="list-style-type: none"> • EVPN/VXLAN 	Appendix – Chapter 3: Protocol Independent Features	<ul style="list-style-type: none"> • GRE Tunnel • Filter-Based Forwarding
7	Class of Service <ul style="list-style-type: none"> • vMX Class of Service • EX Class of Service 	Appendix – Chapter 4: IGP Configuration	<ul style="list-style-type: none"> • OSPFv3 • OSPFv2 • IS-IS
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 	Appendix – Chapter 5: BGP Configuration	<ul style="list-style-type: none"> • IBGP Data Center • IBGP Site 1 and Site 2 • EBGP Data Center
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 	Appendix – Chapter 6: EVPN/VXLAN	<ul style="list-style-type: none"> • EVPN/VXLAN
Appendix – Additional Theory	<ul style="list-style-type: none"> • MPLS Overview • VPN Overview 	Appendix – Chapter 7: Class of Service	<ul style="list-style-type: none"> • vMX Class of Service • EX Class of Service
Appendix – Chapter 1: Junos System Features	<ul style="list-style-type: none"> • General System Services • User Authentication and Authorization • Syslog Configuration • SNMP Configuration • Junos Space • Firewall Filters 	Appendix – 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
Appendix – 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 		