


Course Name	Enterprise Routing and Switching, Specialist (JNCIS-ENT)	
About the Course	This course is designed for experienced networking professionals with beginner to intermediate knowledge of routing and switching implementations in Junos	
Key Skills You Will Learn	This course includes an overview of switching concepts and operations, virtual LANs (VLANs), the Spanning Tree Protocol (STP), port and device security features, and high availability (HA) features. The course then delves into an overview of protocol-independent routing features, load balancing and filter-based forwarding, OSPF, BGP and IP tunneling. This course is based on Junos OS Release 21.4R1.12. Through lab demonstrations, students can watch how to configure and monitor the Junos OS and monitor basic device operations	
Course Pre-Requisite	While not mandatory, certifications in Junos Intermediate Routing (JIR) and Junos and Junos Enterprise Switching (JEX) are ideal. Working with Juniper OS and devices for at least one year is also considered an advantage. JNCIA-Junos certification	
Target Audience	The JNCIS-ENT certification is designed for experienced networking professionals with beginner to intermediate knowledge of routing and switching implementations in Junos. The exam verifies understanding of basic routing and switching technologies, and related platform configuration and troubleshooting skills.	
Job prospects with this role	IT roles that involve Juniper technology	
Course Duration	~ 40 Hrs	
Course Customisation	Not applicable	
Certification	READYBELL Enterprise Routing and Switching, Specialist (JNCIS-ENT) Certificate	
Mode of Training	Instructor-led 100% Online or 100% Classroom (Salt Lake, Kolkata - India) or hybrid mode (Online + Classroom) as suitable for the learner	
Course Fees	Please contact us	
Refund Policy	Get a 3-hours free trial during which you can cancel at no penalty. After that, we don't give refunds	
Job Assistance	Will assist candidate in securing a suitable job	
Contact	READYBELL SOFTWARE SERVICES PVT. LIMITED AH 12, SALT LAKE SECTOR 2, KOLKATA (INDIA) - 700 091 E-MAIL: contact@readybellssoftware.com PH: +91 - 9147708045/9674552097, +91 - 33-79642872	

CURRICULUM		
Topic	Sub-Topic	Duration (Hrs)
Enterprise Routing and Switching, Specialist (JNCIS-ENT)	Junos Intermediate Routing	40 Hrs
	Module 1: Routing Fundamentals	
	Module 2: Protocol Independent Routing	
	Module 3: Lab 1: Protocol Independent Routing	
	Module 4: Fundamentals of OSPF	
	Module 5: Routing Policy	
	Module 6: Deploying OSPF	
	Module 7: Lab 2: OSPF	
	Module 8: IS-IS	
	Module 9: Lab 3: IS-IS	
	Module 10: Fundamentals of BGP	
	Module 11: Deploying BGP	
	Module 12: Lab 4: BGP	
	Module 13: Advanced Routing Policy Features	
	Module 14: Routing Instances	
	Module 15: Lab 5: Routing Instances	
	Module 16: Load Balancing	
	Module 17: Lab 6: Load Balancing	
	Module 18: VRRP	
	Module 19: Graceful Restart and Bidirectional Forwarding Detection	
	Module 20: Lab 7: High Availability	
	Module 21: GRES, NSR, and Unified ISSU	
	Module 22: IP Tunneling	
	Module 23: Lab 8: IP Tunneling	
	Module 24: IPv6	
	Module 25: Lab 9: IPv6	
	Module 26: SELF-STUDY MODULE	
	Module 27: Filter-Based Forwarding	
	Module 28: Lab 10: Filter-Based Forwarding	
	Junos Enterprise Switching	
	Module 1: Course Introduction	
	Module 2: Layer 2 Switching	
	Module 3: Lab 1: Implementing Layer 2 Switching	
Module 4: Switching Design Considerations		
Module 5: Implement VLANs		
Module 6: Implement VLAN Features		
Module 7: Lab 2: Implementing Virtual Networks		

Module 8: Spanning Tree Overview
Module 9: Deploy Spanning Tree
Module 10: Spanning Tree Protection Features
Module 11: spanning tree
Module 12: Lab 3: Implementing Spanning Tree
Module 13: LAGs and RTGs
Module 14: Lab 4: Implementing LAGs and RTGs
Module 15: Storm Control
Module 16: Layer 2 Firewall Filters
Module 17: Lab 5: Implementing Storm Control and Firewall
Module 18: Filters
Module 19: Port Security—MAC Limiting, MAC Learning, and MACsec
Module 20: Port Security—DHCP Snooping, Dynamic ARP Inspection, and IP Source Guard
Module 21: Lab 6: Implementing Port Security
Module 22: High Availability—GRES, NSR, and NSB
Module 23: Virtual Chassis
Module 24: Deploy Virtual Chassis
Module 25: Lab 7: Implementing Virtual Chassis Systems
Module 26: Junos Space Network Director
Module 27: MSTP
Module 28: Mist Integration with EX Series Switches
Module 29: Mist Wired Assurance
Module 30: ELS and Non-ELS Configuration
To register for this course please e-mail/call us