Course Name	Service Provider Routing and Switching, Professional (JNCIP-SP)	
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 protocol-independent routing features, load balancing and filter-based forwarding, OSPF, BGP, IP tunneling, and high availability (HA) features. The course then delves switching concepts such as LANs, Layer 2 address learning, bridging, virtual LANs (VLANs), provider bridging, VLAN translation, spanning-tree protocols, and Ethernet Operation, Administration, and Maintenance (OAM). The course wraps up concepts such as MPLS forwarding, the structure of the MPLS header, and configuration and operation of the two main label distribution protocols, RSVP and LDP. Through lab demonstrations, students can watch how to configure and monitor the Junos OS and monitor basic device operations.	
Course Pre-Requisite	Juniper Networks Certified Internet Specialist Service Provider Routing & Switching (JNCIS-SP). The JNCIP-SP certification is designed for IT professionals with advanced knowledge of routing and switching in Junos	
Target Audience	New or aspiring network engineers, Experienced network engineers. This JNCIP-SP training is considered professional-level Juniper training, which means it was designed for network engineers. This Juniper service provider networks skills course is designed for network engineers with three to five years of experience with network infrastructure.	
Job prospects with this role	IT roles that involve Juniper technology, Network Administrator, Network Engineer.	
Course Duration	~ 30 Hrs	
Course Customisation	Not applicable	
Certification	READYBELL Service Provider Routing and Switching, Professional (JNCIP-SP) 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@readybellsoftware.com** **PH: +91 - 9147708045/9674552097, +91 - 33-79642872**	**ReadyBell** Software Services Pvt. Ltd.

CURRICULUM		
Topic	**Sub-Topic**	**Duration (Hrs)**
Service Provider Routing and Switching, Professional (JNCIP-SP)	Module 1: Advanced OSPF Foundations	30 Hrs
	Module 2: Advanced OSPF Configurations and Use Cases	
	Module 3: Advanced IS-IS Foundations	
	Module 4: Advanced IS-IS Configurations	
	Module 5: Advanced BGP Foundations	
	Module 6: Advanced BGP Configurations and Policies	
	Module 7: Advanced BGP Attribute and Community Manipulation	
	Module 8: BGP Scaling Solutions	
	Module 9: Understand and Configure BGP FlowSpec	
	Module 10: Understand Multicast Routing Fundamentals	
	Module 11: Deploy Advanced Multicast Configurations on Junos	
	Module 12: Prevent Multicast Loops Using RPF	
	Module 13: Understand Class of Service (CoS) Deployments on Junos	
	Module 14: Manipulate Multicast Topologies with RPF	
	Module 15: Understand the Components of MPLS L3VPN	
	Module 16: Deploy MPLS L3VPN on Junos	
	Module 17: Advanced MPLS L3VPN Designs and Deployment	
	Module 18: Deploy Next-Gen Multicast VPNs (NG-MVPN)	
	Module 19: Understand MPLS L2VPN Operations and Options	
	Module 20: Understand and Deploy BGP Layer 2 VPNs	
	Module 21: Understand and Deploy LDP Layer 2 Circuits	
	Module 22: Laying a VPLS Foundation	
	Module 23: Deploy BGP L2VPN-Based VPLS on Junos	
	Module 24: Deploy LDP L2Circuit-Based VPLS on Junos	
	Module 25: Understand and Deploy Advanced VPLS Configurations	
	Module 26: EVPN Foundations for Service Providers	
	Module 27: Deploy EVPN-MPLS	
To register for this course please e-mail/call us		