


Course Name	Junos, Associate (JNCIA-Junos)	
About the Course	This course provides students with the foundational knowledge to configure, verify, and troubleshoot devices that run Junos OS. Students gain a wide variety of practical experience using the command-line interface (CLI)	
Key Skills You Will Learn	The course focuses on routers and switches and explains Layer 3 network interface basics, routing tables, static routes, OSPF, Layer 2 switch ports, user accounts, firewall filters, routing policy, and troubleshooting. Particular attention is given to the power of the candidate configuration, rolling back changes, and the power of the Junos OS configuration hierarchy. The course also discusses the key architectural components of the Junos software, the separation of the control plane and the data plane, and the reasons that Junos OS is built for automation. Through demonstrations, students view configuring and monitoring Junos OS and monitoring basic device operations. This course is based on Junos OS Release 22.1R1.10.	
Course Pre-Requisite	The JNCIA-Junos certification is designed for networking professionals with beginner-intermediate knowledge of networking	
Target Audience	The target audience for the JNCIA-Junos certification exam includes: Students preparing for the exam, Students new to networking, Network administrators, Networking professionals looking to gain expertise in Junos OS, Students and professionals looking to enhance their credentials in the networking industry, Networking professionals with beginner-intermediate knowledge of networking	
Job prospects with this role	Network engineer, Senior network engineer, Network administrator, Senior network administrator, Technical support engineer, Network security engineer, Network architect, Network infrastructure support specialist	
Course Duration	~ 40 Hrs	
Course Customisation	Not applicable	
Certification	READYBELL Junos, Associate (JNCIA-Junos) 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	 Software Services Pvt. Ltd.

CURRICULUM		
Topic	Sub-Topic	Duration (Hrs)
Junos, Associate (JNCIA-Junos)	Module 1: Getting Started with Networking (eLearning)	40 Hrs
	Module 2: Course Introduction	
	Module 3: Introducing Junos OS and the Hardware It Powers	
	Module 4: SSH and Operational Mode	
	Module 5: Refresher - IPv6 Addressing	
	Module 6: Network Interfaces, Part 1 - Interface Naming and Logical Units	
	Module 7: Network Interfaces, Part 2 - Revealing and Filtering Detailed Interface Output	
	Module 8: Reading a Junos OS Configuration	
	Module 9: Configuring Junos OS - The Basics	
	Module 10: Configuring Junos OS - Become a Power User	
	Module 11: Routing Tables, Route Preference, and Longest Prefix Matches	
	Module 12: Static Routes	
	Module 13: Dynamic Routing Protocols - The Theory	
	Module 14: Dynamic Routing Protocols - Configuring OSPF	
	Module 15: Junos OS Switches, Part 1 - VLANs, MAC Tables, and Access Ports	
	Module 16: Junos OS Switches, Part 2 - Trunk Ports	
	Module 17: Junos OS Device Administration	
	Module 18: Setting Up a Brand-New Junos OS Device	
	Module 19: Junos OS Architecture - The Control Plane and the Data Plane	
	Module 20: Junos OS Architecture - The Software That Powers Junos OS	
	Module 21: Logging, Troubleshooting, and Monitoring	
	Module 22: Junos OS Firewall Filters, Part 1 - The Theory	
	Module 23: Junos OS Firewall Filters, Part 2 - The Practical	
	Module 24: Junos OS Configuration - A Deeper Dive	
	Module 25: Interfaces - A Deeper Dive	
	Module 26: Junos OS Architecture - APIs and Automation	
	Module 27: Where Do You Go from Here?	
	Module 28: Routing - A Deeper Dive	
	Module 29: Junos OS Firewall Filters - A Deeper Dive	
	Module 30: Logging, Troubleshooting, and Monitoring - A Deeper Dive	
	Module 31: Junos OS Device Administration - A Deeper Dive	
	Module 32: Junos OS Routing Policy	
	Module 33: Upgrading Junos OS	
	Module 34: J-Web	
	Module 35: Refresher - Cables and Ethernet	

	Module 36: Refresher - IPv4 and Subnetting	
	Module 37: Refresher - Switches, MAC Learning, Broadcast Domains, and VLANs	
	Module 38: Refresher - TCP and UDP	
	Module 39: Junos, Associate (JNCIA-Junos) Voucher Assessment Test	
To register for this course please e-mail/call us		