


<b>Course Name</b>	<b>Security, Specialist (JNCIS-SEC)</b>	
<b>About the Course</b>	This course uses the Junos J-Web, CLI, Junos Space, and other user interfaces to introduce students to the concept of Juniper Connected Security	
<b>Key Skills You Will Learn</b>	Key topics include tasks for advanced security policies, application layer security using the AppSecure suite, IPS rules and custom attack objects, Security Director management, Sky ATP management, JATP management, JSA management, Policy Enforcer management, JIMS management, Juniper Sky Enterprise usage, vSRX and cSRX usage, SSL Proxy configuration, and SRX chassis clustering configuration and troubleshooting. This course is based on Junos OS Release 19.1R1.6, Junos Space 19.1R1, Security Director 19.1R1, JATP 5.0.6.0, JSA v7.3.2, Policy Enforcer 19.1R1, and JIMS 1.1.5R1. Through lab demonstrations, students can watch how to configure and monitor the Junos OS and monitor basic device operations.	
<b>Course Pre-Requisite</b>	The following are the prerequisites for this course: Students should have basic networking knowledge and an understanding of the Open Systems Interconnection (OSI) reference model and the TCP/ IP protocol suite and Successful completion of the Introduction to Junos Security (IJSEC) course. An active JNCIA-SEC certification is required to register for this course. Your Certification CertMetrics ID will be required to verify that you meet the certification prerequisite	
<b>Target Audience</b>	The primary audiences for this course are the following: Operators of Juniper Networks security solutions, including network engineers, administrators, support personnel, and resellers	
<b>Job prospects with this role</b>	The Juniper Networks Certified Specialist, Security (JNCIS-SEC) certification can lead to a variety of job opportunities, including: network security engineer, security analyst, security consultant, and penetration tester	
<b>Course Duration</b>	~ 40 Hrs	
<b>Course Customisation</b>	Not applicable	
<b>Certification</b>	READYBELL Security, Associate (JNCIA-SEC) Certificate	
<b>Mode of Training</b>	Instructor-led 100% Online or 100% Classroom (Salt Lake, Kolkata - India) or hybrid mode (Online + Classroom) as suitable for the learner	
<b>Course Fees</b>	Please contact us	
<b>Refund Policy</b>	Get a 3-hours free trial during which you can cancel at no penalty. After that, we don't give refunds	
<b>Job Assistance</b>	Will assist candidate in securing a suitable job	
<b>Contact</b>	READYBELL SOFTWARE SERVICES PVT. LIMITED AH 12, SALT LAKE SECTOR 2, KOLKATA (INDIA) - 700 091 E-MAIL: <a href="mailto:contact@readybellsoftware.com">contact@readybellsoftware.com</a> PH: +91 - 9147708045/9674552097, +91 - 33-79642872	 Software Services Pvt. Ltd.

CURRICULUM		
Topic	Sub-Topic	Duration (Hrs)
<b>Security, Specialist (JNCIS-SEC)</b>	Module 1: Course Introduction	40 Hrs
	Module 2: CLI Overview	
	User Interface Options	
	Command-Line Interface	
	Initial Configuration	
	Interface Configuration	
	Module 3: Advanced Security Policy	
	Session Management	
	Junos ALGs	
	Policy Scheduling	
	Policy Logging	
	Module 4: Application Security Theory	
	Application ID	
	Application Signatures	
	App Track	
	App Firewall	
	App QoS	
	App QoE	
	Module 5: Application Security Implementation	
	AppTrack Implementation	
	AppFW Implementation	
	AppQos Implementation	
	APBR Implementation	
	Module 6: Intrusion Detection and Prevention	
	IPS Overview	
	IPS Policy	
	Attack Objects	
	IPS Configuration	
	IPS Monitoring	
	Module 7: Security Director	
Overview		
Security Director Objects		
Security Director Policy Management		

Module 8: Sky ATP Implementation
Architecture and Key Components
Features and Benefits
Configuration
Compromised Hosts
Command and Control
File Scanning
E-mail Scanning
Geo IP
Security Policy Integration
Troubleshooting
Module 9: Policy Enforcer
Policy Enforcer Concepts
Configuration Options
Policy Enforcer Installation
Module 10: JATP Overview
Traffic Inspection
Threat Detection
Threat Analysis
JATP Architecture
Module 11: JATP Implementation
Data Collectors
Configure SmartCore Analytics Engine
Log Ingestion
Incident Management
SRX Threat Prevention
3rd Party support for Threat Prevention
Reporting
Module 12: Juniper Secure Analytics (JSA)
JSA Overview
Data Collection
Log Analytics
Threat Analytics
Vulnerability Management
Risk Management
Module 13: JIMS
JIMS Overview
JIMS Integration
Lab 10: JIMS

Module 14: vSRX and cSRX
vSRX Overview
vSRX Supported Features
vSRX Use Cases
cSRX Overview
Module 15: SSL Proxy
SSL Proxy Overview
SSL Concepts
SSL Proxy Configurations
Troubleshooting
Module 16: Cluster Concepts
Chassis Cluster Concepts
Chassis Cluster Operation
Module 17: Chassis Cluster Implementation
Chassis Cluster Configuration
Chassis Cluster Advanced Options
Module 18: Chassis Cluster Troubleshooting
Chassis Cluster Case Studies
Troubleshooting Examples
Lab 1: CLI Overview
Lab 2: Advanced Security Policy
Lab 3: Application Security
Lab 4: Implementing IPS
Lab 5: Security Director
Lab 6: Sky ATP Implementation
Lab 7: Policy Enforcer
Lab 8: JATP
Lab 9: JSA
Lab 10: JIMS
Lab 11: vSRX Installation
Lab 12: SSL Proxy
Lab 13: Chassis Cluster Implementation
Lab 14: Chassis Cluster Troubleshooting

**To register for this course please e-mail/call us**