



Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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CODE:	LENGTH:	PRICE:
JUN_IJSEC	24 Hours (3 days)	£2,195.00

Description

This three-day, introductory-level course provides students with the knowledge to secure their network using SRX Series Firewalls. Key topics include security zones, security policies, content security, and network address translation (NAT). Through demonstrations and hands-on labs, students will gain experience with each of these concepts. This course is based on Junos OS Release 24.2R1.17

Objectives

- Describe Junos OS architecture
- Describe SRX Series security architecture
- Create security and functional zones
- Configure screen options
- Configure address and application objects
- Implement traditional security policies
- Implement unified security policies
- Configure security policy logging, counting, and scheduling
- Troubleshoot security policies
- Enable application tracking
- Implement antivirus and antispam capabilities
- Enable content filtering and Web filtering
- Configure source NAT
- Configure destination NAT
- Configure static NAT.

Audience

- Individuals who are responsible for network security
- Individuals who want to learn how to secure their networks using SRX Series Firewalls

Prerequisites

- Basic networking skills
- General understanding of networking architecture

Programme

Module 1: Introduction to Juniper Security	Module 2: Juniper SRX Series Security Architecture
• Explain network security challenges.	• Explain Junos OS architecture
• Explain SRX Series Firewall physical and virtual device options.	• Explain SRX Series security architecture
DAY 1 • Explain SRX Series Firewall device management options.	• Explain SRX Series traffic processing
Module 3: Managing Zones	Module 4: Managing Addresses, Zones, and ALGs
• Explain Junos OS architecture	• Create address objects
• Explain SRX Series security architecture	• Create applications
• Explain SRX Series traffic processing	• Use ALGs
Lab 1: Managing Zones	Lab 2: Managing Addresses, Zones, and ALGs
	DAY 2 Module 5: Manage Traditional

<ul style="list-style-type: none"> • Explain traditional security policy processing • Create traditional security policies • Modify, reorder, deactivate, and delete security policies 	Module 6: Managing Unified Security Policies <ul style="list-style-type: none"> • Describe AppID • Implement unified security policies
Security Policies Lab 3: Managing Traditional Security Policies	Lab 4: Managing Unified Security Policies
Module 7: Configuring Security Policy Options	
<ul style="list-style-type: none"> • Implement security policy logging and counting • Create schedulers • Examine session options 	Module 8: Troubleshooting Security Policies <ul style="list-style-type: none"> • Troubleshoot the flow process • Enable trace options
Lab 5: Managing Security Policy Options	Lab 6: Troubleshooting Security Policies
Module 9: Implementing AppTrack	
	<ul style="list-style-type: none"> • Explain AppSecure capabilities • Configure AppTrack
	Lab 7: Implementing AppTrack
DAY 3	
Module 10: Implementing Antivirus and Antispam	
<ul style="list-style-type: none"> • Describe content security • Configure antivirus • Configure antispam 	Module 11: Implementing Content Filtering and NextGen Web Filtering <ul style="list-style-type: none"> • Configure content filtering • Configure NextGen web filtering
Lab 8: Deploying Antivirus and Antispam	Lab 9: Deploying Content Filtering and Enhanced Web Filtering
Module 12: Implementing Source NAT	
<ul style="list-style-type: none"> • Explain source NAT • Configure interface-based source NAT • Configure pool-based source NAT • Validate source NAT functionality 	Module 13: Implementing Destination NAT and Static NAT <ul style="list-style-type: none"> • Explain destination NAT options • Configure destination NAT • Configure static NAT
Lab 10: Implementing Source NAT	Lab 11: Implementing Destination NAT

Follow on courses

Follow On Courses - Juniper Security (JSEC)

Test and Certification

RELATED CERTIFICATION
JNCIA-SEC

Session Dates

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
08 Sep 2025	Virtual Classroom	BST	English	Instructor Led Online		£2,195.00 £1,865.75
03 Nov 2025	Virtual Classroom	GMT	English	Instructor Led Online		£2,195.00

Additional Information

This training is also available as onsite training. [Please contact us to find out more.](#)