



Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Implementing Juniper Networks Secure Analytics (IJSA)

CODE:	LENGTH:	PRICE:
JUN_IJSA	24 Hours (3 days)	£2,395.00

Description

Duration: 3 days

This three-day course discusses the configuration of Juniper Networks JSA Series Secure Analytics (formerly known as Security Threat Response Manager [STRM]) in a typical network environment.

Key topics include deploying a JSA Series device in the network, configuring flows, running reports, and troubleshooting.

Through demonstrations and hands-on labs, students will gain experience in configuring, testing, and troubleshooting the JSA Series device.

This course uses the Juniper Networks Secure Analytics (JSA) VM virtual appliance for the hands-on component.

This course is based on JSA software 2014.2R4. Implementing Juniper Networks Secure Analytics is an introductory level course
Related Juniper Product:

- Network Management
- JSA Series
- STRM Series
- Instructor-Led Training

Objectives

- Describe the JSA system and its basic functionality
- Describe the hardware used with the JSA system
- Identify the technology behind the JSA system.
- Identify the JSA system's primary design divisions—display versus detection, and events versus traffic.
- Plan and prepare for a new installation.
- Access the administration console.
- Configure the network hierarchy.
- Configure the automatic update process.
- Access the Deployment Editor.
- Describe the JSA system's internal processes.
- Describe event and flow source configuration.
- List key features of the JSA architecture.
- Describe the JSA system's processing logic.

- Interpret the correlation of flow and event data.
- List the architectural component that provides each key function.
- Describe Events and explain where they come from.
- Access the Log Activity interface.
- Describe flows and their origin.
- Configure the Network Activity interface.
- Execute Flow searches.
- Specify the JSA system's Asset Management and Vulnerability Assessment functionality.
- Access the Assets interface.
- View Asset Profile data.
- View Server Discovery.
- Access the Vulnerability Assessment Scan Manager to produce vulnerability assessments (VAs).
- Access vulnerability scanner configuration.
- View vulnerability profiles.
- Describe rules.
- Configure rules.
- Configure Building Blocks (BBs).
- Explain how rules and flows work together.
- Access the Offense Manager interface.
- Understand Offense types.
- Configure Offense actions.
- Navigate the Offense interface.
- Explain the Offense summary screen.
- Search Offenses.
- Use the JSA system's Reporting functionality to produce graphs and reports.
- Navigate the Reporting interface.
- Configure Report Groups.
- Demonstrate Report Branding.
- View Report formats.
- Identify the basic information on maintaining and troubleshooting the JSA system.
- Navigate the JSA dashboard.
- List flow and event troubleshooting steps.
- Access the Event Mapping Tool.
- Configure Event Collection for Junos devices.

- Configure Flow Collection for Junos devices.
- Explain high availability (HA) functionality on a JSA device.

Audience

This course is intended for network engineers, support personnel, reseller support, and anyone responsible for implementing the JSA system.

Prerequisites

- Understanding of TCP/IP operation;
- Understanding of network security concepts;and
- Experience in network security administration.

Programme

Day 1 Course Introduction Product Overview • Overview of the JSA Series Device • Hardware • Collection • Operational Flow Initial Configuration • A New Installation • Administration Console • Platform Configuration • Deployment Editor
 LAB 1: Initial Configuration Architecture • Processing Log Activity • Processing Network Activity • JSA Deployment Options Log Activity • Log Activity Overview • Configuring Log Activity LAB 2: Log Activity Day 2 Network Activity
 • Network Activity Overview • Configuring Network Activity LAB 3: Network Activity Assets and Vulnerability Assessment
 • Asset Interface • Vulnerability Assessment • Vulnerability Scanners LAB 4: Assets and Vulnerability Assessment Rules • Rules
 • Configure Rules and Building Blocks LAB 5: Rules Offense Manager • Offense Manager • Offense Manager Configuration
 • Offense Investigation LAB 6: Configure the Offense Manager Day 3 JSA Reporting • Reporting Functionality
 • Reporting Interface LAB 7: Reporting Configuring Junos Devices for Use with JSA • Collecting Junos Events
 • Collecting Junos Flows LAB 8: Configuring Junos Devices for JSA Basic Tuning and Troubleshooting • Basic Tuning
 • Troubleshooting Appendix A: High Availability • High Availability • Configuring High Availability

Session Dates

On request. Please [Contact Us](#)

Additional Information

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