



JNCIA Juno's Course Overview

Juniper course offers a quick summary of the Junos device families and discusses the key architectural elements of the software. The main content include interface configuration basics with configuration examples, the basics of operational maintenance and observation of Junos devices, user interface options with a heavy focus on the command-line interface (CLI), configuration tasks generally related to the initial setup of devices, and also the secondary system configuration.

About the training

- **Study Material:-** Live lectures, Streaming Recorded Videos, Online Lab Workbook, and Remote Virtual Lab access.
- **Duration:-** 1 Month

Requirements

- Candidates must have good understanding of networking
- Individuals should know about the TCP/IP protocol suite and Open Systems Interconnection (OSI) reference model

What you will learn

- Explain the fundamental style architecture of the Junos OS
- Handel within the Junos CLI
- Put together and monitor network interfaces
- Explain user authentication and configuration and choices
- Determine and operate network utilities
- Advance the Junos OS
- Navigate within the Junos J-Web interface
- Explain routing and forwarding tables
- Configure and monitor static routing
- Configure and monitor OSPF
- You learn about framework for routing policy and firewall filters
- Analysis of routing policy and firewall filters

- Identify cases wherever you would possibly use routing policy.
- Write and use routing policy.
- Determine instances wherever you would possibly use firewall filters

About Instructor

This training course is formed by one in all the foremost knowledgeable and Multi-vendor certified trainers, verified by UniNets. He covers every topic with an in-depth clarification. He has delivered over 60+ companies and retail coaching across the world.

Course Content:

- Chapter 1: Course Introduction
- Chapter 2: Operating System Fundamentals
 - The Junos OS
 - Traffic Processing
 - Platforms Running the Junos OS
- Chapter 3: User Interface Options
 - User Interface Options
 - CLI Basics
 - Operational Mode
 - Configuration Mode
- Chapter 4: Initial Configuration
 - Factory-Default Configuration
 - Initial Configuration
 - Interface Configuration
 - Initial System Configuration
- Chapter 5: Secondary System Configuration
 - User Configuration and Authentication
 - System Logging and Tracing
 - Network Time Protocol
 - Archiving Configurations
 - SNMP
- Chapter 6: Operational Monitoring and Maintenance
 - Monitoring Platform and Interface Operation
 - Network Utilities
 - Maintaining the OS
 - Password Recovery
 - System Clean-up
 - Operational Monitoring and Maintenance
- Chapter 7: Interface Configuration Examples
 - Review of the Interface Configuration Hierarchy
 - Interface Configuration Examples

- Using Configuration Groups
- Chapter 8: The J-Web Interface
 - The J-Web GUI
 - Configuration
 - J-Web Interface
- Chapter 9: Routing Fundamentals
 - Routing Concepts: Overview of Routing
 - Routing Concepts: The Routing Table
 - Routing Concepts: Routing Instances
 - Static Routing
 - Dynamic Routing
 - Routing Fundamentals
- Chapter 10: Routing Policy
 - Routing Policy Overview
 - Case Study: Routing Policy
 - Routing Policy
- Chapter 11: Firewall Filters
 - Firewall Filters Overview
 - Case Study: Firewall Filters
 - Unicast Reverse-Path-Forwarding Checks
 - Firewall Filters
 - Class of Service

Note: ***Most of the course topics are covered with hands-on lab exercises and others are theoretical

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