

JNCIA-Junos Content (JN0-103)

Junos OS Fundamentals:

- Software architecture
- Control and forwarding planes
- Routing Engine and Packet Forwarding Engine
- Transit traffic processing

Setting up JUNOS – in GNS3

User Interface:

- CLI functionality, modes, navigation, help
- Filtering output
- Active versus candidate configuration
- Reverting to previous configurations
- Modifying, managing, and saving configuration files
- Viewing, comparing, and loading configuration files
- J-Web (core/common functionality only)

Operational Monitoring and Maintenance

- Show and Monitor commands
- Network tools, such as ping, traceroute, telnet, SSH, and so on
- Junos OS installation and upgrades
- Root password recovery

Routing Fundamentals:

- Traffic forwarding concepts
- Routing tables, Routing versus forwarding tables
- Route preference, Routing instances
- Static routing, Advantages of and use cases for dynamic routing protocols

Routing Policies and Firewall Filters:

- Default routing policies
- Import and export policies
- Effect of policies on routes and routing tables
- Policy structure and terms
- Firewall filter concepts
- Filter match criteria and actions
- Unicast reverse-path-forwarding (RPF)

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