
Junos Routing Essentials

Duration: 1 Days **Course Code: JRE**

Overview:

The Junos Routing Essentials (JRE) course provides students with foundational routing knowledge and configuration examples and includes an overview of general routing concepts, routing policy and firewall filters.

Target Audience:

This course is designed for: Individuals responsible for configuring and monitoring devices running the Junos OS.

Objectives:

- Upon completing this course, the learner will be able to meet these overall objectives:
 - Explain basic routing operations and concepts.
 - View and describe routing and forwarding tables.
 - Configure and monitor static routing.
 - Configure and monitor OSPF.
 - Describe the framework for routing policy.
 - Explain the evaluation of routing policy.
 - Identify instances where you might use routing policy.
 - Write and apply a routing policy.
 - Describe the framework for firewall filters
 - Explain the evaluation of firewall filters
 - Identify instances where you might use firewall filters.
 - Write and apply a firewall filter.
 - Describe the operation and configuration for unicast reverse path forwarding (RPF).
-

Prerequisites:

The knowledge and skills that a learner must have before attending this course are as follows:

- Students should have basic networking knowledge and an understanding of the Open Systems Interconnection (OSI) reference model and the TCP/IP protocol suite. To gain the prerequisite skills and knowledge, Juniper strongly recommends knowledge of the following courses:
- Introduction to the Junos Operating System (IJOS).

Testing and Certification

Recommended preparation for:

- JN0-101 -Juniper Networks Junos Associate (JNCIA)
IJOS and JRE are the courses required for the **Juniper Networks Junos Associate (JNCIA)** Certification

Follow-on-Courses:

The **Juniper Networks Junos Associate (JNCIA)** Certification is the pre-requisite for the below Junos tracks:

- Enterprise Routing & Switching
- Service Provider Routing & Switching
- Junos Security

Students should select the next course based on the track they wish to follow.

Content:

Routing Fundamentals

- Routing Concepts: Overview of Routing
- Routing Concepts: The Routing Table
- Routing Concepts: Routing Instances
- Static Routing
- Dynamic Routing

Routing Policy

- Routing Policy Overview
- Case Study: Routing Policy

Firewall Filters

- Firewall Filters Overview
 - Case Study: Firewall Filters
 - Unicast Reverse-Path-Forwarding Checks
-

Further Information:

For More information, or to book your course, please call us on +254 713 027 191

training@clclearningafrica.com

www.clclearningafrica.com

Computer Learning Centre 2nd Floor Museum Hill Centre, Muthithi Road, Westlands, Nairobi, Kenya