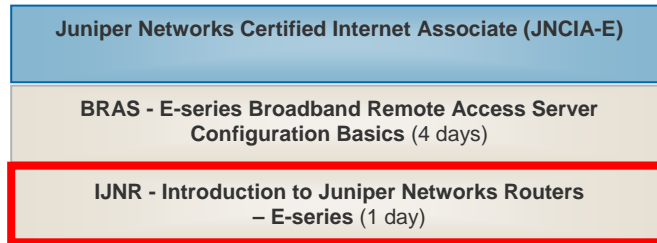




JUNIPER E-SERIES ROUTER



Introduction to Juniper Networks Routers; E-series (IJNR)

Course Overview

This one-day course provides an introduction to the E- series router platforms. The course covers E-series router features, applications, and hardware architecture. It discusses the E-series command-line interface (CLI), including user modes, CLI shortcuts, the file system and file manipulation, and E-series router reload options. The course teaches how to use the CLI to perform a basic configuration of an E- series router, including the configuration of virtual routers.

After attending this class, you will be able to:

- Describe the E-series router features and applications in both a B-RAS and dedicated access environment;
- Describe the E-series router hardware architecture;
- Describe the configuration options available for E-series hardware platforms;
- List the different CLI user modes;
- Describe the file system used on E-series routers;
- Use the CLI to manipulate files, to reload E- series router, and to perform basic troubleshooting;
- Use the CLI to configure the E-series platforms for basic IP connectivity; and
- Configure and manage virtual routers.

Prerequisites

- This course is a required prerequisite for:
- E-series Routing Protocols
- E-series Broadband Remote Access Server Configuration Basics

Target audience

Students attending this course should understand the operational differences between bridges and routers. Students should also possess general IP protocol knowledge and be familiar with common Internet applications.



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Chapter 1: Course Introduction

Chapter 2: E-series Features and Applications Juniper Networks Router Product Positioning

- E-series Router B-RAS Applications
- E-series Router Dedicated Access Applications
- The SDX-300 Policy and Network Resource Management System

Chapter 3: Hardware Architecture Overview

- E-series Product Family and ChassisTypes
- ERX-14xx/7xx/310 Architecture
- E320 Architecture
- Packet Flow
- Redundancy
- Hardware Installation Notes

Chapter 4: Introduction to the CLI and Configuration Basics

- Introduction to the CLI and File System
- Basic Configuration and Verification Using the CLI
- Configuration Using Scripts and Macros
- E-series Router Timing Configuration Options
- E-series Router Boot Configuration and Reload Options

Chapter 5: E-series Virtual Routers

- Virtual Router Concepts
- Configuring and Managing E-series Virtual Routers
- Lab 1: Introduction to the E-series Router CLI
- Lab 2: E-series Router Configuration Basics

Cost AUD \$799 inc. GST

For Available Dates & Terms and Conditions see:
www.crystalecho.com

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