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Register

JNCIA-Junos certification training

2 days (14 hours)

Overview

Our Juniper JNCIA-Junos certification preparation training will teach you everything you need to know to effectively prepare for and obtain certification. Our training will teach you how to use the Junos OS operating system and will earn you the title of Junos Associate. Our Juniper certification training
JNCIA-Junos certification training course will cover all the features of Junos OS to give you complete mastery of the tool. This will enable you to be fully operational and give you all the keys you need for certification. At the end of this training course, you will know how to effectively configure your Junos OS and will be familiar with the tasks and features related to monitoring, routing, and firewalls. After attending our training course, you will be able to take the exam, with the cost of certification included in the price. Note: Ambient IT does not own the JNCIA-Junos certification; it belongs to Juniper Networks Inc.

Objectives

- Learn how to install, configure, and use Junos OS
- Be prepared to take the JNCIA-Junos certification exam

Target audience

- Network engineers
- Network administrators
- System administrators

Prerequisites

- Basic knowledge of Junos OS

Our Juniper Certification training program

JNCIA-Junos

Introduction to Networking

- Ethernet networks
- IPv4/IPv6
- Collision and Broadcast Domains
- Function of Routers and Switches
- Creating Subnets and Supernets

JunoS OS fundamentals

- Software architecture
- Transfer and control planes
- Routing engine
- Packet transmission engine
- Transmission traffic processing

User interfaces

- CLI features
- Navigation and CLI modes
- Configuration and configuration files
- Filtering
- J-Web

Configuration

- Initial configuration
- User accounts
- Connection classes
- Configuration groups
- Configuration archives

Routing

- Traffic transfer
- Routing tables
- Preferences
- Routing instances

- Static and dynamic routing

Firewall filters and routing policies

- Default routing policies
- Import and export
- Flows
- Structure and conditions
- RPF (Reverse-Path-Forwarding) unicast

Monitoring of operations

- Display commands
- Monitoring commands
- Interface statistics and errors
- Network tools
- Root password recovery

Companies concerned

This training course is aimed at both individuals and companies, large or small, wishing to train their teams in new advanced IT technology or to acquire specific professional knowledge or modern methods.

Placement at the start of training

The placement test at the start of the training course complies with Qualiopi quality criteria. Once they have finalized their registration, learners receive a self-assessment questionnaire that allows us to assess their estimated level of proficiency in different types of technologies, as well as their expectations and personal objectives for the upcoming training course, within the limits imposed by the selected format. This questionnaire also allows us to anticipate certain connection or internal security issues within the company (intra-company or virtual classroom) that could be problematic for the monitoring and smooth running of the training session.

Teaching methods

Practical training: 60% practical, 40% theory. Training materials distributed in digital format to all participants.

Organization

The course alternates between theoretical input from the trainer, supported by examples and discussion sessions, and group work.

Assessment

At the end of the session, a multiple-choice questionnaire is used to verify that the skills have been correctly acquired.

Certification

A certificate will be issued to each trainee who has completed the entire training course.

Training organization registered under number 11 75 54743 75. This registration does not constitute state approval.
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