JNCIE Enterprise Bootcamp

Varighed: 5 Days **Kursus Kode: JNCIE-ENT**

Beskrivelse:

This five-day course is designed to serve as the ultimate preparation for the Juniper Networks Certified Internet Expert—Enterprise (JNCIE-ENT) exam. The course focuses on caveats and tips useful for potential test candidates and emphasizes hands-on practice through a series of timed lab simulations. On the final day of the course, students are given a six hour lab simulation emulating the testing topics and environment from the real exam.
This course is based on Junos OS Release 12.1X45-D15.5 for SRX Series devices, and Release 12.3R3.4 for EX Series switches.

Målgruppe:

This course benefits individuals who have already honed their skills on enterprise routing and switching technologies and could use some practice and tips in preparation for the JNCIE-ENT exam.

Agenda:

- **After successfully completing this course, you should:**
- Be better prepared for success in taking the actual JNCIE-ENT exam.
- Be well-versed in exam topics, environment, and conditions.

Forudsætninger:

Students should have passed the Juniper Networks Certified Internet Professional—Enterprise (JNCIP-ENT) written exam or achieved an equal level of expertise through Education Services courseware and hands-on experience**.**

- AJER - Advanced Junos Enterprise Routing
- AJEX - Advanced Junos Enterprise Switching

Test og certificering

This course is specifically aimed at preparing candidates for the:

- JNCIE-ENT - Juniper Networks Certified Internet Expert

Yderligere Kurser:

There are no follow-on courses

Indhold:

Exam Tips and Preparation

- Preparing for Your Exam
- The Testing Environment
- State of the Network
- Testing Tips
- Exam Completion

System Services and Security

- NTP
- Syslog
- Configuration Archival
- User Accounts and Authentication
- RPM
- Firewall Filters
- Lab 1: Configuring System Services and Security

Ethernet Switching

- Spanning Tree Protocols
- VLANs
- Virtual Chassis
- Layer 2 Security
- Lab 2: Implementing Ethernet Switching

Interfaces

- IPv6 Addressing
- Aggregated Ethernet
- GRE Tunnels
- LT Interfaces
- Ethernet OAM
- VRRP
- BFD
- Lab 3: Configuring Interfaces

IGP Implementation

- Configuring and Monitoring OSPFv2 and OSPFv3
- Implementing Multi-Area OSPF Topologies
- Filtering and Summarizing Routes
- Redistributing Routes
- Lab 4: Implementing IGPs

IGP Troubleshooting

- Troubleshooting IGP Adjacencies and Routing Loops
- Lab 5: Troubleshooting IGPs

BGP Implementation

- Configuring and Monitoring BGP
- Routing Policy
- Route Selection
- 4-Byte AS
- Multihomed Stub-AS
- Lab 6: Implementing BGP

BGP Troubleshooting

- Troubleshooting IGP Adjacencies and Routing Loops
- Lab 7: Troubleshooting BGP

Protocol Independent Routing

- Load Balancing
- Filter-Based forwarding
- Configuring Static, Aggregate, and Generate Routes
- Lab 8: Protocol Independent Routing

Multicast Implementation

- Configuring Multicast
- SSM
- RP Redundancy
- Lab 9: Implementing Multicast

Class of Service Implementation

- Classification
- Loss Priority
- Scheduling
- Drop Profiles or RED
- Rewrites
- Shaping and Policing
- Lab 10: Implementing Class of Service

Exam Practice lab

- JNCIE-ENT Full Lab Simulation

Flere Informationer:

For yderligere informationer eller booking af kursus, kontakt os på tlf.nr.: 44 88 18 00

training@globalknowledge.dk

www.globalknowledge.com/da-dk/

Global Knowledge, Stamholmen 110, 2650 Hvidovre