
Advanced Junos Enterprise Routing

Duración: 365 Días **Código del Curso: AJER** **Version: 19.a** **Método de Impartición: e-Learning (Self-Study)**

Temario:

This five-day course is designed to provide students with the tools required for implementing, monitoring, and troubleshooting Layer 3 components in an enterprise network. Detailed coverage of OSPF, BGP, multicast, class of service (CoS), and EVPN-VXLAN is covered in depth. The course also exposes students to common troubleshooting commands and tools used to troubleshoot various intermediate to advanced issues.

Through demonstrations and hands-on labs, students will gain experience in configuring and monitoring the Junos operating system and in monitoring device and protocol operations.

This course uses Juniper Networks vSRX virtual firewall for the hands-on component, but the lab environment does not preclude the course from being applicable to other Juniper hardware platforms running the Junos OS. This course is based on Junos OS Release 19.3R1.8.

e-Learning

Los servicios de e-learning y recursos on-demand que ofrece Global Knowledge, están diseñadas para permitir el acceso a los recursos de aprendizaje en cualquier lugar y en cualquier momento que convenga al alumno. Nuestra solución incluye la posibilidad de acceder a los equipos cuando se necesita para practicar sus habilidades y la oportunidad de ver y escuchar a nuestros expertos en la materia, ya que destacan las áreas clave de la formación.

Dirigido a:

Participants in the course should have:

A desire to learn how to manage and configure advanced routing protocol features.

A desire to learn about EVPN/VXLAN.

A desire to learn how to migrate to an L3 IP Fabric

Prerequisitos:

This course has the following prerequisites:

- Have TCP/IP and Junos networking experience.
 - Have working experience with basic routing protocols.
 - Attend the Introduction to the Junos Operating System (IJS)
 - Attend the Junos Intermediate Routing (JIR) courses
 - JIR - Junos Intermediate Routing
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Siguientes cursos recomendados:

- AJEX - Advanced Junos Enterprise Switching
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Contenido:

Day 1 Topics

- OSPFv2 Review
- OSPF Areas

Advanced OSPF Options

Day 2 Topics

- Troubleshooting OSPF
- BGP operations, configuration and path selection
- BGP Attributes and Policy
- BGP Troubleshooting

Day 3 Topics

- Enterprise Routing Policies
- Troubleshooting Policies
- Introduction to Multicast

Day 4 Topics

- Multicast Routing Protocols and SSM
- Troubleshooting Multicast
- Class of Service
- Troubleshooting Class of Service
- Enterprise Architectures
- VXLAN
- EVPN-VXLAN
- Configuring an Evolved Core
- Migrating to an IP Fabric

Day 5 Topics

- Multicast Routing Protocols and SSM
- Troubleshooting Multicast
- Class of Service
- Troubleshooting Class of Service
- Enterprise Architectures
- VXLAN
- EVPN-VXLAN
- Configuring an Evolved Core
- Migrating to an IP Fabric

Más información:

Para más información o para reservar tu plaza llámanos al (34) 91 425 06 60

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