
Troubleshooting Data Center Switching

Duración: 1 Días **Código del Curso: TDCX**

Temario:

This one-day course is designed to provide students with advanced knowledge of some key QFX5100 features. Students will be able to enhance the knowledge and skills learned in the Data Center Switching (DCX) course, which serves as a prerequisite to this course. Through demonstrations and hands-on labs, students will gain experience in troubleshooting multichassis link aggregation (MC-LAG), Virtual Chassis (VC), and Virtual Chassis Fabric (VCF).

This course uses the Juniper Networks QFX5100 and EX4300 Series switches for the hands-on component. This course is based on the Junos OS Release 13.2X51-D21.1.

Dirigido a:

This course benefits all individuals responsible for deploying and supporting multichassis link aggregation, Virtual Chassis, or Virtual Chassis Fabric solutions in the data center. Specifically, this course benefits anyone needing to troubleshoot issues on the previously mentioned architectures in the field.

Objetivos:

- **After successfully completing this course, you should be able to:**
- Explain a basic troubleshooting approach.
 - List and use available troubleshooting tools.
 - Describe the expected state and operation.
 - Describe key processes and components.
 - Identify potential issues with MC LAG.
 - Resolve basic issues with MC LAG.
 - Describe the expected state and operation.
 - Describe key processes and components.
 - Identify potential issues with Virtual Chassis.
 - Resolve basic issues with Virtual Chassis.
 - Explain the expected state and operation.
 - Describe key processes and components.
 - Identify potential issues with VCF.
 - Resolve basic issues with VCF.
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Prerequisites:

The following are the prerequisites for this course:

- Intermediate networking knowledge;
 - Understanding of the OSI model and TCP/IP;
 - The Introduction to the Junos Operating System (IJOS) course;
 - The Junos Routing Essentials (JRE) course;
 - The Junos Enterprise Switching using Enhanced Layer 2 Software (JEX-ELS) course; and
 - The Data Center Switching (DCX) course.
 - DCX - Data Center Switching
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Contenido:

Chapter 1: Course Introduction	Processes and Components	Chapter 5: Troubleshooting Virtual Chassis Fabric (VCF)
Chapter 2: Troubleshooting Basics	Troubleshooting Case Study	Virtual Chassis Fabric Review
Troubleshooting Overview	■ Lab 1: Troubleshooting Multichassis LAG ■ Lab 2: Troubleshooting Virtual Chassis	Processes and Components
A Troubleshooting Approach	Chapter 4: Troubleshooting Virtual Chassis	Troubleshooting Case Study
■ Troubleshooting Tools	Virtual Chassis Review	■ Lab 1: Troubleshooting Multichassis LAG ■ Lab 2: Troubleshooting Virtual Chassis
Chapter 3: Troubleshooting Multichassis LAG	Processes and Components	Lab 3: Troubleshooting Virtual Chassis Fabric
Multichassis LAG Review	Troubleshooting Case Study	
	■ Lab 1: Troubleshooting Multichassis LAG ■ Lab 2: Troubleshooting Virtual Chassis	

Información Adicional:

Course Level:

Troubleshooting Data Center Architectures (TDCA) is an advanced-level course.

Más información:

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

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