
Application-Oriented Networking Product Essential Training

Duration: 4 Days **Course Code: AONOP**

Overview:

This course provides knowledge and hands-on experience for students in the new industry category of Cisco® Application-Oriented Networking (AON). Students will gain knowledge about the functionality of AON modules on a Cisco 3845 Integrated Services Router networked with Linux servers and utilizing an Oracle database. Through lab exercises students will configure AON network settings, AON bladelets and AON implementation policies. In addition, lab exercises include extracting Extensible Markup Language (XML) message content using XPATH expressions, validating XML message content, and completing security operations such as encryption and signing. Students will see how AON provides a common infrastructure and facilitates new architectures such as service-oriented architecture (SOA). This course, through hands-on activities and lecture, will provide important knowledge needed for building solutions using AON. This course provides the required foundation for advanced courses in AON development.

Target Audience:

Individuals tasked with understanding AON components and architecture
Individuals seeking hands-on experience using AON
Individuals supporting AON operational solutions
Individuals seeking to know the functionality of AON in order to design AON solutions

Objectives:

- Describe the components of AON
 - Describe how AON components relate to each other in creating a solution
 - Install AON
 - Configure AON to run effectively on a blade
 - Use AON adapters for protocol translation
 - Describe business solution scenarios that use AON
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Prerequisites:

- Basic knowledge of IP addressing is required.
 - General computer navigation skills are required.
 - Knowledge of programming is helpful.
 - Knowledge of routers is helpful.
 - Knowledge of message protocols such as Simple Object Access Protocol (SOAP) and XML is helpful.
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Content:

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| ■ AON Environment and Functionality | ■ Using Find Bladelet and Rules | ■ Message Filtering |
| ■ AON Hardware and Installation | ■ Creating Content and Using Variables | ■ Adapters and Java Message Service |
| ■ AON Components and Nodes | ■ Using Cache | ■ Using Load Balancing |
| ■ AON Development Studio and Creating a Running Solution | ■ Branching Functionality | ■ Security Applications with AON |
| ■ Logging and Send Capabilities | ■ Performing XML Validation | ■ Business Solution Scenarios |
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Further Information:

For More information, or to book your course, please call us on 353-1-814 8200

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