

## Configuration Automation r12.7: Foundations 200

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### Course Summary

#### Description

The Configuration Automation 12.7 Foundations 200 course, you will learn how to install and configure Configuration Automation to perform the most common tasks related to application configuration in a datacenter. The course will provide you with foundational knowledge of the architecture and capabilities of the Configuration Automation product. Lab exercises include performance of a core set of tasks on an installed version of the product.

#### Objectives

At the end of this course, students will be able to:

- Describe the key concepts and core components in Configuration Automation
- Implement the key product use cases that address current issues for application configuration in a data center
- Configure and set up Configuration Automation to efficiently manage servers and services
- Generate rule compliance reports
- Troubleshoot Configuration Automation environments

#### Topics

- Review Architecture, Installation, and Navigation
- Perform a Network Discovery to Find Servers, Applications, and Configuration Details
- Perform Agent-based or Agentless Application Component Discoveries
- Define and View Services
- Manage Configuration Drift and Establish Gold Standards
- Manage Compliance
- Analyze CA Configuration Automation Data in Dashboards and Reports

#### Prerequisites

Students should have knowledge of TCP/IP Inter-networking terminology and some working knowledge of Oracle and Microsoft SQL Server database applications. Students should have also completed Configuration Automation r12.7: Getting Started 200.

#### Duration

Three days

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### Course Outline

- I. *Review Architecture, Installation, and Navigation*
  - A. Describe the architecture
  - B. Describe the Configuration Automation installation
  - C. Identify the key features of the Configuration Automation interface
- II. *Perform a Network Discovery to Find Servers, Applications, and Configuration Details*
  - A. Perform a Network Discovery using the TCP Connect scan method
  - B. Describe the use cases for SAN storage device scan policies
  - C. Describe the use cases for Packet Analysis and Netflow scan policies
- III. *Perform Agent-based or Agentless Application Component Discoveries*
  - A. Perform an Agent-based application discovery
  - B. Perform an agentless application discovery
- IV. *Define and View Services*
  - A. Define a service using the Management Console
  - B. Define a service using the Service Profiler
- V. *Manage Configuration Drift and Establish Gold Standards*
  - A. Detect changes in services and servers
  - B. Compare environments for either services or servers
  - C. Remediate changes and differences
- VI. *Manage Compliance*
  - A. Describe the compliance landscape
  - B. Create Compliance jobs and reports
  - C. Remediate noncompliant configurations
- VII. *Analyze CA Configuration Automation Data in Dashboards and Reports*
  - A. Analyze Configuration Automation data using dashboards
  - B. Analyze Configuration Automation Data using reports
  - C. View services using the dashboard visualizer