

CA Configuration Automation r12.5: Blueprints 300



PRODUCT RELEASE

CA Configuration Automation
r12.5

COURSE TYPE, DURATION, & COURSE CODE

- Instructor-led Training (ILT)
- Three (3) days
- 22CCA30011

PREREQUISITES

- Working knowledge of CA Configuration Automation UI
- CA Configuration Automation r12.5: Differences 200
Course Code: 22CCA20090
Ninety (90) Minutes
- CA Application Configuration Manager r12: Foundations 200
Course Code: 02APC20011
Four (4) Days
- Basic knowledge of regular expressions, file parsers and configuration file types, and SNMP and MIB addressing

WHO SHOULD ATTEND

- CA Configuration Automation Server Managers
- Developers and Database Administrators
- Application Owners
- Configuration Managers
- IT Administrators

Course Overview

Managing and tracking IT resource configurations in an increasingly complex IT environment with dynamic virtual and cloud components is a challenge facing IT operations today. This complexity is against a backdrop of an expanding list of regulatory compliance mandates with legal and financial implications for your organization. Amidst these configuration and support needs, the traditional role of configuration management solutions enabling best-practice change management systems for faster incident and problem resolution is as important as ever.

CA Configuration Automation is a highly scalable solution for configuration management and configuration compliance audit checks with blueprint contents that are based on the Center for Internet Security (CIS) benchmarks. This course provides a solid foundation in CA Configuration Automation blueprints, enabling you to reduce resources otherwise required to manually implement best-in-class compliance programs in physical and virtual IT infrastructures.

What You Will Learn

- Implement discovery methods using file, registry, and network probe indicators to effectively discover components.
- Leverage verification directives to validate component discoveries.
- Manage configuration parameters and variables to effectively use blueprints to perform more advanced business operations.
- Implement use cases to see how to use blueprints to perform configuration automation tasks that effectively achieve organizational goals.
- Manage databases in a blueprint for effective configuration and administration.
- Manage configuration files using file parsers and file structure classes to efficiently monitor file content.
- Execute remote commands to effectively obtain non-file-based configurations and run-time information.
- Test blueprints to save time by ensuring the components are functioning correctly.

For Managers

CA Configuration Automation best-practice configuration policy management with blueprints provides several hundred blueprint contents with a built-in knowledge base for major web and applications servers, databases, messaging systems, network devices, and operating systems. Using standard blueprints enables you to quickly discover instances of a component, locate its configuration files, extract configuration settings, and determine dependencies and relationships.

Course Agenda

Module 1 - Describe Blueprints	Module 2 - Manage a Basic Blueprint
<ul style="list-style-type: none"> ▪ Define a Blueprint ▪ Describe the Role of Blueprints in CA Configuration Automation ▪ Describe the Structure and Components of a Blueprint 	<ul style="list-style-type: none"> ▪ Create a Basic Blueprint ▪ Implement a Basic Blueprint
Module 3 - Implement Use Cases	Module 4 - Manage Blueprints for Advanced Operations
<ul style="list-style-type: none"> ▪ Build a Custom Blueprint to Discover the SugarCRM Application ▪ Discover Configuration Values ▪ Create Relationships ▪ Implement Blueprints for Compliance 	<ul style="list-style-type: none"> ▪ Execute Remote Commands ▪ Configure Variable Substitution ▪ Configure Advanced Blueprint Options ▪ Implement Blueprints for Advanced Operations
Module 5 - Troubleshoot Blueprints	
<ul style="list-style-type: none"> ▪ Discover How to Test and Troubleshoot Your Custom Blueprints ▪ Examine Best Practices for Blueprint Building 	

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