

Configuration Automation r12.5: Blueprints 300

Course Summary

Description

Now that you know the basic building-blocks of Automatic Workload Automation, you can begin to utilize scripting inside your objects for advanced capabilities. Learn about Script Functions and Script Statements and how you can use basic programmatic skills to create loops, search reports, and activate objects based upon returned values.

Objectives

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

- 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 archive 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

Topics

- Describe Blueprints
- Manage a Basic Blueprint
- Implement Use Cases
- Manage Blueprints for Advanced Operations
- Troubleshoot Blueprints

Prerequisites

Students should have working knowledge of Configuration Automation UI and basic knowledge of regular expressions, file parsers and configuration file types, and SNMP and MIB addressing.

Duration

Three days

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Course Outline

- I. Describe Blueprints*
 - A. Define a Blueprint
 - B. Describe the Role of Blueprints in Configuration Automation
 - C. Describe the Structure and Components of a Blueprint
- II. Manage a Basic Blueprint*
 - A. Create a Basic Blueprint
 - B. Implement a Basic Blueprint
- III. Implement Use Cases*
 - A. Build a Custom Blueprint to Discover the SugarCRM Application
 - B. Discover Configuration Values
 - C. Create Relationships
 - D. Implement Blueprints for Compliance
- IV. Manage Blueprints for Advanced Operations*
 - A. Execute Remote Commands
 - B. Configure Variable Substitution
 - C. Configure Advanced Blueprint Options
 - D. Implement Blueprints for Advanced Operations
- V. Troubleshoot Blueprints*
 - A. Discover How to Test and Troubleshoot Your Custom Blueprints
 - B. Examine Best Practices for Blueprint Building