

Workload Automation AE r11.3.6: Warrior Education

Course Summary

Description

In this course, you will gain the knowledge and skills needed to install the different components of Workload Automation AE and configure Embedded Entitlements Manager (EEM) to secure your Workload Automation AE implementation. You will also examine considerations for High Availability deployments, identify implementation best practices, and troubleshoot common issues. By attending this course, you will be able to help your organization successfully deploy Workload Automation AE, which will reduce the cost and complexity of managing your mission critical business application workloads across platforms.

Objectives

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

- Install and configure Workload Automation AE
- Configure Embedded Entitlements Manager (EEM) to secure your Workload Automation AE implementation
- Create machine and job definitions, calendars, virtual resources, and forecasts
- Troubleshoot Workload Automation AE roles and permissions and create policies for your specific business needs

Topics

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| <ul style="list-style-type: none"> • Prepare to Install Workload Automation AE • Single Server and High Availability Options • Install Workload Control Center (WCC) in HA • Configure Workload Automation AE • Define Workload • Implement a Cross-Instance Environment • Disaster Recovery • Implementing Embedded Entitlements Manager (EEM) Security • Embedded Entitlements Manager (EEM) Administration • Extended Calendars • Machine Definitions | <ul style="list-style-type: none"> • Virtual Resources • Forecasting • Web Services • Job Definition Changes • Work Automation System Agent Architecture • Agent Job Types and Plug-Ins • Migration • Workload Control Center (WCC) Best Practices • Workload Automation AE Best Practices • Apply Patches and Service Packs • Troubleshooting Workload Automation AE • Workload Automation Agent Best Practices and Troubleshooting |
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Prerequisites

Students should have completed Workload Automation AE r11.3.6 Foundations 200.

Duration

Four days

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Course Outline

- I. *Prepare to Install Workload Automation AE*
 - A. Identify Workload Automation AE Basics
 - B. Identify Workload Automation AE Architecture
- II. *Single Server and High Availability Options*
 - A. Identify the Different Types of Configurations Available, Including HA
 - B. Describe Failover Configuration
- III. *Install Workload Control Center (WCC) in HA*
 - A. Identify the WCC Prerequisites
 - B. Install a WCC Main Product
 - C. Verify the WCC Installation
- IV. *Configure Workload Automation AE*
 - A. Configure WCC and Workload Automation AE
 - B. Secure Workload Automation AE
 - C. Maintain the Database
- V. *Define Workload*
 - Define how workload automation uses communication technologies
- VI. *Implement a Cross-Instance Environment*
 - Describe the Implementation of Cross-Instances
- VII. *Disaster Recovery*
 - Identify Considerations for Disaster Recovery
- VIII. *Implementing Embedded Entitlements Manager (EEM) Security*
 - A. Define the EEM Architecture
 - B. Create Identities
 - C. Manage Policies
 - D. Configure EEM
- IX. *Embedded Entitlements Manager (EEM) Administration*
 - A. Provision User Access to the WAAE Environment
 - B. Set up EEM Policy such that it aligns to corporate security directives for WAAE
 - C. Identify Roles According to Best Practices
- X. *Extended Calendars*
 - A. Explain what an extended Calendar is
 - B. Create an Extended Calendar
 - C. Use an Extended Calendar
- XI. *Machine Definitions*
 - A. Know the Different Types of Machine Definitions
 - B. Create a Machine Definition
 - C. Set Your Localhost Setting
- XII. *Virtual Resources*
 - A. Explain the Different Types of Resources
- B. Create and Use a Resource
- C. Recognize Resource Contention Issues
- XIII. *Forecasting*
 - A. Run a Forecast
 - B. Define Forecast Criteria
- XIV. *Web Services*
 - A. Describe CA WAAE Web Services
 - B. Identify the Types of Services Available
- XV. *Job Definition Changes*
 - A. Identify the Changes to existing Job Attributes
 - B. Identify the New Job Attributes
- XVI. *Work Automation System Agent Architecture*
 - A. Identify Workload Automation Agent Architecture
 - B. Identify Plugins, Logs, and Directory Structure
- XVII. *Agent Job Types and Plug-Ins*
 - Identify the Agent Job Types and Plug-Ins
- XVIII. *Migration*
 - A. Explain relative differences between the Old and Current Components
 - B. Correct Potential Problems Before they Surface
 - C. Determine the Best Migration Method for Your Needs
 - D. Use the Migration Tools as Part of your Migration Strategy
- XIX. *Workload Control Center (WCC) Best Practices*
 - Identify Best Practices for WCC
- XX. *Workload Automation AE Best Practices*
 - Identify Best Practices for Workload Automation AE
- XXI. *Apply Patches and Service Packs*
 - Apply Fixes from Broadcom Support
- XXII. *Troubleshooting Workload Automation AE*
 - A. Identify the Different Areas of Possible Failure
 - B. Identify Where to Look for Additional Log Messages
 - C. Explain How to Turn on Additional Debugging
- XXIII. *Workload Automation Agent Best Practices and Troubleshooting*
 - A. Identify Workload Automation agent Best Practices
 - B. Troubleshoot Basic Agent Issues