OnDemand CA Application Test 10: Foundations 200

Course Overview

The OnDemand CA Application Test 10: Foundations 200 course teaches students the foundational concepts and processes needed to begin using CA Application Test. Instruction uses test cases designed to use properties, filters, assertions, data sets, and subprocesses to invoke and verify results from a system under test. Course instruction is web-based and self-paced, and includes hands-on exercises in a simulated DevTest Solutions environment designed to give students the experience of using the product in realistic scenarios. This course can also be taken as an instructor-led offering with exercises in a live DevTest Solutions virtual environment.

What You Will Learn

- Identify test case creation methods in DevTest Workstation and DevTest Portal
- Create and configure a test case workflow model
- Configure properties for use in a test case
- Configure workflow step actions, data sets, filters, assertions, log messages, documentation, and subprocess in a test case
- Create staging and suite documents used to define how test cases execute against a system under test
- Stage and execute test cases and monitor the results in DevTest Workstation and DevTest Portal
- View test execution results in the Reporting Dashboard in the DevTest Portal
- Troubleshoot test cases

For Managers

CA Application Test uses codeless test case authoring to create and invoke automated test cases against every layer of a composite application, eliminating manual labor, and reducing defects through the reuse of test assets across multiple heterogeneous technologies. The OnDemand CA Application Test 10: Foundations 200 course will benefit all members of an application delivery organization who use CA Application Test.
Course Description: OnDemand CA Application Test 10: Foundations 200

RECOMMENDED NEXT COURSES

- OnDemand CA Service Virtualization 10: Foundations 200; Course Code 88SVV20180; Four and a Half (4.5) Hours
- OnDemand DevTest Solutions: SAP Testing and Virtualization 300; Course Code 8ADO30060; One and a Half (1.5) Hours

Course Agenda

Module 1 – Create a Test Case
- Create a basic webservices test case in DevTest Workstation
- Add a step
- Execute a step in the step type editor
- Create an API test case in DevTest Portal

Module 2 – Configure Properties
- Describe in detail where properties are set and in what order
- Describe where to find property values during test case design and execution
- Describe common properties used in test case models
- Describe test steps specific to properties

Module 3 – Design Workflows with Filters, Assertions, and Different Step Types
- Create filters and assertions from a step response
- Use different step types to invoke different layers within a system under test
- Execute steps and elements properly at design time
- Create looping and branching using step and assertion configurations
- Compare XML or text values using the Graphical Text Diff tool

Module 4 – Create and Invoke a Subprocess
- Describe the role of a subprocess
- Create a subprocess from scratch or from an existing test case
- Configure subprocess input and output parameters
- Invoke a subprocess within a test case

Module 5 – Stage and Execute a Test Case
- Describe how CA Application Test uses multiple instances of Coordinator and Simulator servers to execute test cases
- Create and configure a staging document
- Stage and execute a test case with DevTest Workstation and DevTest Portal and monitor the results

Module 6 – Stage and Execute a Test Suite
- Create and configure a suite document
- Execute a suite of tests with DevTest Workstation and DevTest Portal and monitor the results

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### Course Agenda (cont’d)

<table>
<thead>
<tr>
<th>Module 7 – Configure Data Sets</th>
<th>Module 8 – View and Export Reports</th>
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<tbody>
<tr>
<td>• Configure common data sets</td>
<td>• Access and navigate the Reporting Dashboard and in the DevTest Portal</td>
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<tr>
<td>• Create global, local, and random data sets and describe how they distribute data</td>
<td>• Export and share reports</td>
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<tr>
<td>• Create a looping test case using data sets</td>
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<tr>
<th>Module 9 – Troubleshoot Test Cases</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>• Describe common test case errors and potential causes</td>
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<tr>
<td>• Locate tools used to troubleshoot test case errors</td>
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