

CA PA for CA Application Test 8: Foundations 200



PRODUCT RELEASE

DevTest Solutions 8

DURATION & COURSE CODE

- Four (4) hours
- Course Code: 88ADO20144

PREREQUISITES

- CA PA for DevTest Solutions 8: Foundations 200; Course Code 88ADO20154; Two (2) Hours

INTENDED AUDIENCE

- Application Developer
- Application Analyst/Architect
- Quality Assurance Engineer
- Business Analyst

Content Overview

The *CA PA for CA Application Test 8: 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 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.

What Is Covered

- 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
- View reports in the Reporting Dashboard and DevTest Portal
- Troubleshoot test cases

ADDITIONAL CONTENT RECOMMENDATIONS

- CA PA for CA Service Virtualization 8: Foundations 200; Course Code 88SVV20014; Four (4) Hours

Lessons Included

Module 1 – Create a Test Case <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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 	Module 6 – Stage and Execute a Test Suite <ul style="list-style-type: none"> Create and configure a suite document Execute a suite of tests with DevTest Workstation



Visit www.ca.com/education to explore the many course offerings, training options, and education solutions available to meet your skill development needs, budget, and travel requirements.

Module 7 – Configure Data Sets	Module 8 – View and Export Reports
<ul style="list-style-type: none"> ▪ Configure common data sets ▪ Create global, local, and random data sets and describe how they distribute data ▪ Create a looping test case using data sets 	<ul style="list-style-type: none"> ▪ Access and navigate the Reporting Dashboard and the Monitor Tests in the DevTest Portal ▪ Describe the difference between standard reporting and load and performance reporting ▪ Export reports to a PDF file or Excel spreadsheet
Module 9 – Troubleshoot Test Cases	
<ul style="list-style-type: none"> ▪ Describe common test case errors and potential causes ▪ Locate tools used to troubleshoot test case errors 	



Visit www.ca.com/education to explore the many course offerings, training options, and education solutions available to meet your skill development needs, budget, and travel requirements.