

CA PA for DevTest Solutions 10: Foundations 200



PRODUCT RELEASE

DevTest Solutions 10

DURATION & COURSE CODE

- Two (2) Hours
- Course Code: 88SVV20294

PREREQUISITES

- General understanding of the software development lifecycle
- Familiarity with manual and automated testing processes
- General understanding of web services

INTENDED AUDIENCE

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

Content Overview

The *CA PA for DevTest Solutions 10: Foundations 200* course teaches students the foundational concepts common across the three DevTest Solutions products: CA Service Virtualization, CA Application Test, and CA Continuous Application Insight. 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 DevTest Solutions in realistic scenarios.

What Is Covered

- Identify and access DevTest Solutions development and deployment components in a typical distributed DevTest Solutions installation
- Identify the role and differences between DevTest Workstation and DevTest Portal
- Create and manage projects in DevTest Workstation and DevTest Portal
- Configure data sets, filters, assertions, log messages and documentation
- Execute workflow models in the Interactive Test Run (ITR) tool
- Configure properties in place of hardcoding data
- Use config files to set properties for communicating with the system under test
- Use MAR files to share files and import files into DevTest Workstation and DevTest Portal

ADDITIONAL CONTENT RECOMMENDATIONS

- CA PA for CA Service Virtualization 10: Foundations 200; Course Code 88SVV20304; Four and a Half (4.5) Hours
- CA PA for CA Application Test 10: Foundations 200; Course Code 88SVV20034; Four (4) hours

Lessons Included

Lesson 1 – Identify DevTest Solutions Products and Components	Lesson 2 – Access Lisa Bank and Forward Cars Applications
<ul style="list-style-type: none"> ▪ Define the role of the DevTest Solutions products: <ul style="list-style-type: none"> • CA Service Virtualization • CA Application Test • CA Continuous Application Insight ▪ Define the role of the DevTest Solutions server components and development/management tools, dashboards, and consoles ▪ Start and log in to DevTest Workstation and DevTest Portal 	<ul style="list-style-type: none"> ▪ Describe the role of the two demonstration applications: <ul style="list-style-type: none"> • Lisa Bank • Forward Cars ▪ Start both applications ▪ Access and log into both applications ▪ Shutdown both applications
Lesson 3 – Create and Manage Projects	Lesson 4 – Invoke and Verify with Workflow Models and Elements
<ul style="list-style-type: none"> ▪ Create and manage projects with DevTest Workstation ▪ Create and manage a projects with DevTest Portal ▪ Describe the role and location of default demonstration projects associated with the demonstration applications 	<ul style="list-style-type: none"> ▪ Describe the invoke and verify process ▪ Describe workflow model and elements roles
Lesson 5 – Create a Test Case	Lesson 6 – Execute a Model with the ITR
<ul style="list-style-type: none"> ▪ Create a basic test case ▪ Add a step ▪ Execute a step in the step type editor 	<ul style="list-style-type: none"> ▪ Execute with the Interactive Test Run (ITR) tool ▪ Manage ITR instances



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Lessons Included

Lesson 7 – Configure Properties	Lesson 8 – Configure Elements
<ul style="list-style-type: none"> ▪ Define the role of properties in DevTest Solutions ▪ Use properties, property expressions, and string patterns 	<ul style="list-style-type: none"> ▪ Add and configure workflow model and step elements at a foundational level
Lesson 9 – Configure Project Configuration Files	Lesson 10 – Create MAR Files
<ul style="list-style-type: none"> ▪ Describe the role of a configuration (config) file ▪ Create an alternate config file ▪ Define properties in a config file ▪ Make a config file active 	<ul style="list-style-type: none"> ▪ Describe the role of Model Archive (MAR) files ▪ Describe the types and contents of MAR files ▪ Describe explicit and implicit MAR file creation methods ▪ Create and share MAR files ▪ Create a project from a MAR file



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