

# CA PA for DevTest Solutions 8: Foundations 200



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## PRODUCT RELEASE

DevTest Solutions 8

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## DURATION & COURSE CODE

- Duration: Two (2) hours
- Course Code: 88ADO20154

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## PREREQUISITES

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

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## INTENDED AUDIENCE

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

## Content Overview

The *CA PA for DevTest Solutions 8: Foundations 200* content teaches students the foundational concepts common across the three DevTest Solutions products: CA Service Virtualization, CA Application Test, and CA Continuous Application Insight. Content instruction includes hands-on exercises in a simulated DevTest Solutions environment designed to give students the experience of using DevTest Solutions in realistic scenarios.

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## 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 from DevTest Portal

**ADDITIONAL CONTENT RECOMMENDATIONS**

- CA PA for CA Service Virtualization 8: Foundations 200  
Course Code 88SVV20014  
Four (4) hours
- CA PA for CA Application Test 8: Foundations 200  
Course Code 88ADO20144  
Four (4) hours

**Lessons Included**

<b>Lesson 1 – Identify DevTest Solutions Products and Components</b>	<b>Lesson 2 – Start Demo Server and Lisa Bank</b>
<ul style="list-style-type: none"> <li>▪ Define the role of the DevTest Solutions products:                             <ul style="list-style-type: none"> <li>▪ CA Service Virtualization</li> <li>▪ CA Application Test</li> <li>▪ CA Continuous Application Insight</li> </ul> </li> <li>▪ Define the role of the DevTest Solutions server components and development/management tools, dashboards, and consoles</li> <li>▪ Start and log in to DevTest Workstation and DevTest Portal</li> </ul>	<ul style="list-style-type: none"> <li>▪ Describe the role of the Demo server and LISA Bank</li> <li>▪ Start the Demo server</li> <li>▪ Access the LISA Bank Web UI and Kiosk</li> </ul>
<b>Lesson 3 – Create and Manage Projects</b>	<b>Lesson 4 – Invoke and Verify with Workflow Models and Elements</b>
<ul style="list-style-type: none"> <li>▪ Create and manage a project with DevTest Workstation</li> <li>▪ Access a project with DevTest Portal</li> </ul>	<ul style="list-style-type: none"> <li>▪ Describe the invoke and verify process</li> <li>▪ Describe workflow model and elements roles</li> </ul>
<b>Lesson 5 – Create a Test Case</b>	<b>Lesson 6 – Execute a Model with the ITR</b>
<ul style="list-style-type: none"> <li>▪ Create a basic test case</li> <li>▪ Add a step</li> <li>▪ Execute a step in the step type editor</li> </ul>	<ul style="list-style-type: none"> <li>▪ Execute with the Interactive Test Run (ITR) tool</li> <li>▪ Manage ITR instances</li> </ul>
<b>Lesson 7 – Configure Properties</b>	<b>Lesson 8 – Configure Elements</b>
<ul style="list-style-type: none"> <li>▪ Define the role of properties in DevTest Solutions</li> <li>▪ Use properties, property expressions, and string patterns</li> </ul>	<ul style="list-style-type: none"> <li>▪ Add and configure workflow model and step elements at a foundational level</li> </ul>



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## Lessons Included

### Lesson 9 – Configure Project Configuration Files

- Describe the role of a configuration (config) file
- Create an alternate config file
- Define properties in a config file
- Make a config file active

### Lesson 10 – Create MAR Files

- 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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