

# DevTest Solutions 10: Foundations 200 Dynamic Lab



## Course Overview

The *DevTest Solutions 10: Foundations 200 Dynamic Lab* course teaches students the foundational concepts common across the DevTest Solutions products: CA Service Virtualization and CA Application Test. Course instruction is web-based and consists of 3.5 hours of SELF-DIRECTED learning including lab activities.

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### PRODUCT RELEASE

DevTest Solutions 10

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### COURSE TYPE, LENGTH & CODE

- Dynamic Lab
- Three and a half (3.5) Hours
- 88SVV2030S

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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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### WHO SHOULD ATTEND

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

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## What You Will Learn

- 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

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## For Managers

DevTest Solutions provides a complete and collaborative platform to optimize the entire application development lifecycle for faster delivery to market, lower costs for application development systems and environments, and higher quality applications for end users.

The *DevTest Solutions 10: Foundations 200 Dynamic Lab* course benefits all members of an application delivery organization who will utilize or manage any aspect of product testing or development incorporating DevTest Solutions.

**RECOMMENDED  
NEXT COURSES**

- CA Service Virtualization 10: Foundations 200 Dynamic Lab; Course Code 88SVV2031S; Six and a Half (6.5) Hours
- CA Application Test 10: Foundations 200 Dynamic Lab; Course Code 88APP2003S; Six (6) Hours

## Course Agenda

<b>Module 1: Identify DevTest Solutions Products and Components</b>	<b>Module 2: Access Lisa Bank and Forward Cars Applications</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 two demonstration applications:                             <ul style="list-style-type: none"> <li>• Lisa Bank</li> <li>• Forward Cars</li> </ul> </li> <li>▪ Start both applications</li> <li>▪ Access and log into both applications</li> <li>▪ Shutdown both applications</li> </ul>
<b>Module 3: Create and Manage Projects</b>	<b>Module 4: Invoke and Verify with Workflow Models and Elements</b>
<ul style="list-style-type: none"> <li>▪ Create and manage projects with DevTest Workstation</li> <li>▪ Create and manage projects with DevTest Portal</li> <li>▪ Describe the role and location of default demonstration projects associated with the demonstration applications</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>Module 5: Create a Test Case</b>	<b>Module 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>



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## Course Agenda (cont'd)

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



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