

DevTest Solutions 10: Overview 100



PRODUCT RELEASE

DevTest Solutions 10

COURSE TYPE, LENGTH & CODE

- Web-based Training (WBT)
- One-and-a-half (1.5) Hours
- 88ADO10310

WHO SHOULD ATTEND

- Developers
 - Quality Assurance Engineers
 - Business Analysts
 - Project Managers
 - SCRUM Masters
 - IT Managers
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Course Overview

The *DevTest Solutions 10: Overview 100* course delivers an introduction to the DevTest Solutions products (formerly CA LISA products): CA Service Virtualization, and CA Application Test, and the optional Application Insight features of each product. This web-based, self-directed course combines lecture, video, and reading to teach how DevTest Solutions optimizes the software development lifecycle. The course contains a short test required to complete the course, appendixes covering the new features in DevTest Solutions 10.0-10.3, and commonly asked questions.

What You Will Learn

- The challenges of composite application development and how the DevTest Solutions products solve these challenges
- How service virtualization works to virtualize live and unavailable components
- The basics of automated test case authoring and execution
- How the Application Insight features capture application transaction data to:
 - Auto-generate virtual services, baseline test cases, data sets, request and response pair files, and documentation
 - Analyze application performance
 - Find defects

For Managers

The DevTest Solutions suite of CA products optimizes the software development lifecycle, allowing developers and testers the ability to develop faster, with more features, and fewer defects. The *DevTest Solutions 10: Overview 100* course is the perfect introductory course for all levels of managers and team members who will use DevTest Solutions in their environment. The course provides both conceptual and technical lecture to deliver a complete, high-level understanding of the products, and how they can benefit the productivity of DevTest teams, and the quality of the applications they build.

Course Agenda

Module 1 – Introduction to DevTest Solutions	Module 2 – Common Components Overview
<ul style="list-style-type: none"> ▪ Composite application definition ▪ DevTest Solutions products ▪ Challenges of composite application development and testing, and the solutions DevTest Solutions provides 	<p>The role of:</p> <ul style="list-style-type: none"> ▪ DevTest Solutions distributed installation model ▪ Registry ▪ DevTest Workstation ▪ DevTest Portal ▪ Virtual Service Environment (VSE) ▪ Coordinator and Simulator Servers ▪ Broker and DevTest Java Agents ▪ Forward Cars and Lisa Bank
Module 3 – CA Service Virtualization Overview	Module 4 – CA Application Test Overview
<ul style="list-style-type: none"> ▪ Value of CA Service Virtualization to the software development lifecycle ▪ How service virtualization works ▪ What is virtualized ▪ Quick tour video: <ul style="list-style-type: none"> ▪ Recording live traffic with the VS Recorder ▪ Running and executing against a virtual service ▪ Creating a virtual service from request and response pair files ▪ Creating a virtual service from a WSDL ▪ Editing and maintaining virtual services 	<ul style="list-style-type: none"> ▪ Value of CA Application Test to the software development lifecycle ▪ Test case authoring basics ▪ Test case execution and reporting ▪ Quick tour video: <ul style="list-style-type: none"> ▪ Test step types ▪ Properties ▪ Data sets ▪ Filters ▪ Assertions ▪ Design-time and run-time execution ▪ Continuous validation service ▪ Monitoring and reporting
Module 5 – Application Insight Features Overview	Appendixes
<ul style="list-style-type: none"> ▪ How the DevTest Java Agents and Broker capture transaction data for Application Insight features ▪ Analyze Transactions view to drill into details of transactions ▪ Auto-generation of artifacts ▪ Recording manual UI actions to generate functional test cases and documentation ▪ Creating defect tickets by ALT-CLICKING on a UI to capture the paths leading to the defect ▪ Quick tour video: <ul style="list-style-type: none"> ▪ Transaction capture with the broker and agents ▪ Viewing and pinning transactions ▪ Shelving transactions and auto-generating artifacts ▪ Documenting UI-level transactions to create functional tests and documentation ▪ Managing defect tickets to find defects. 	<ul style="list-style-type: none"> ▪ Appendix A: DevTest Solutions 10.0 New Features ▪ Appendix B: DevTest Solutions 10.1 New Features ▪ Appendix C: DevTest Solutions 10.2 New Features ▪ Appendix D: DevTest Solutions 10.3 New Features ▪ Appendix E: DevTest Solutions 10 Q&A



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