

CA PA for CA LISA r7.5: Testing Fundamentals 200



PRODUCT RELEASE

CA LISA r7.5

COURSE CODE

■ Course Code: 88AD020064

PREREQUISITES

■ N/A

INTENDED AUDIENCE

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

Content Overview

CA LISA Suite is a single, unified platform that includes CA LISA Test (test automation), CA LISA Virtualize (service virtualization), and CA LISA Pathfinder (root cause analysis). The CA LISA Suite solutions optimize application delivery and eliminate constraints in the software development lifecycle to overcome complexity and change.

The CA LISA r7.5: Testing Fundamentals 200 course teaches the core concepts and processes required to create automated test cases to invoke and verify business requirements of a system under test. Additionally, students learn how to monitor test case execution and view and export reports. Instruction is task-based, combining lecture and hands-on lab exercises. This course is a prerequisite to all other.

What Is Covered

- CA LISA Server Coordinator and Simulator server configurations
- Property configuration and usage in test cases
- Test case creation with different steps, filters, assertions, and data sets
- Test case subprocess creation
- Test case execution configuration with staging and suite documents
- Report viewing and exporting
- Test case troubleshooting

Lessons Included

Module 1 – Configure Properties

- 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 2 – Configure Filters and Assertions with Different Step Types

- Create filters and assertions from a step response
- Use different step types to invoke different layers within a SUT
- 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 3 – 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 4 – Configure Data Sets <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
Module 5 – Create a Staging Document <ul style="list-style-type: none"> Describe how CA LISA Workstation and Server editions use multiple instances of Coordinator and Simulator servers to execute test cases Create and configure a staging document 	Module 6 – Create a Suite Document <ul style="list-style-type: none"> Create and configure a suite document Execute a suite of tests
Module 7 – View and Export Reports <ul style="list-style-type: none"> Access and navigate the Reporting Dashboard Describe the difference between standard reporting and load and performance reporting Export reports to a PDF file or Excel spreadsheet 	Module 8 – 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



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