CA PRODUCTIVITY ACCELERATOR CONTENT DESCRIPTION

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

PRODUCT RELEASE

CA LISA r7.5: Virtualization Fundamentals 200

COURSE CODE

- Course Code: 88ADO20074

PREREQUISITES

- CA LISA r7.5:Foundations 200

INTENDED AUDIENCE

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

Content Overview

The CA LISA Suite is a single, unified platform that includes CA LISA automated testing, CA LISA service virtualization, and CA LISA Pathfinder, used to auto-generate test case and virtual services, and perform 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: Virtualization Fundamentals 200 course teaches the core concepts and processes required to record, edit, and deploy virtual services with CA LISA service virtualization to eliminate system constraints across the software development lifecycle (SDLC).

What Is Covered

- Virtual service concepts
- Virtual service creation via recording and importing raw traffic
- Virtual service stateless and conversational transactions concepts
- Matching logic process for a transaction request and response within a virtual service
- Virtual service deployment and execution modes
- Virtual service editing, maintenance, and troubleshooting

Lessons Included

Module 1 – Describe Service Virtualization	Module 2 – Create a Virtual Service
▪ Describe service virtualization (SV) ▪ Describe the benefits of service virtualization to the software development lifecycle (SDLC)	▪ Describe how a virtual service is created by capturing transactions ▪ Describe basic CA LISA virtualization concepts ▪ Create a virtual service by recording ▪ Create a virtual service by importing raw traffic
Module 3 – Execute Against a Virtual	**Module 4 – Describe Virtual Service**

Service	Matching and Responding
▪ Execute against a virtual service at run-time ▪ Execute against a virtual service at design-time	▪ Describe how request/response pairs are stored in a virtual service image ▪ Describe how an inbound request to a virtual service is matched to determine a response ▪ Describe how a virtual service responds with static and dynamic data ▪ Describe how Magic Strings and Dates are created and used in a response

Module 5 – Manipulate Virtual Service Data	Module 6 – Describe Virtual Service Model Steps
▪ Manipulate request data during recording with Request Data Manager (RDM) protocol ▪ Desensitize data during and after recording ▪ Edit virtual service data in the SIE	▪ Describe the difference between virtual service model styles ▪ Describe the roles of common virtual service model steps

Module 7 – Configure Virtual Service Execution	Module 8 – Maintain and Troubleshoot a Virtual Service
▪ Describe the role of virtual service Execution Modes ▪ View execution details in the VSE Dashboard ▪ Debug a virtual service using Transaction Tracking mode	▪ Describe the common methods used to update a virtual service ▪ Select the appropriate method for updating a virtual service ▪ Identify and fix common problems with virtual services ▪ Navigate to log files used for troubleshooting