

CA Service Virtualization: Messaging Virtualization 300



PRODUCT RELEASE

CA Service Virtualization
8.x - 10.x

COURSE TYPE, LENGTH & CODE

- Web-based Training (WBT)
- 2.5 hours
- 88SVV30050

PREREQUISITES

- Working Knowledge of Messaging
- OnDemand DevTest Solutions 10: Foundations 200; Code 88ADO20340
- OnDemand CA Service Virtualization 10: Foundations 200; Code 88SVV20180

WHO SHOULD ATTEND

- Messaging System Administrator
- Application Developer
- Application Analyst/Architect
- Quality Assurance Engineer
- Business Analyst

Course Overview

The *CA Service Virtualization: Messaging Virtualization 300* course is essential for development and testing teams working with messaging systems. This web-based training course teaches the core concepts and processes to configure, record, edit, and deploy a virtual service in a messaging environment. The instruction is applicable to IBM MQ Native, IBM WebSphere MQ, JMS, and RabbitMQ. Instruction includes reading, demonstration videos, review questions, and a final exam.

Upon completion, system administrators will understand their role in the configuration needs of virtualizing in a messaging environment, and developers and testers will understand how to create messaging virtual services using the VSE Recorder in DevTest Workstation.

The *CA Service Virtualization: Messaging Virtualization 300* course is essential for development and testing teams working with messaging systems, enabling these teams to test earlier in the lifecycle and more often; creating the opportunity to eliminate defects sooner, increase quality, and develop more features.

What You Will Learn

- Messaging virtualization terms, architecture, and workflows
- Creating proxy queues for virtualization
- Creating connection assets in DevTest Workstation
- Configuring the VSE Recorder to record live messaging traffic
- Correlating multiple responses to a request in a virtual service
- Editing a virtual service image to respond dynamically
- Deployment options for messaging-based virtual services

Course Agenda

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| Module 1: Getting Started | Module 2: Terms and Architecture |
| <ul style="list-style-type: none"> ▪ Answer common messaging virtualization questions | <ul style="list-style-type: none"> ▪ Create a common language for messaging architecture terms and workflows as it relates to messaging virtualization ▪ Define how a messaging environment is configured to work with virtualization ▪ Define how messaging transactions are captured by the VSE Recorder ▪ Define how the virtual service runs in the VSE |
| Module 3: Correlating Transaction Requests and Responses | Module 4: Configuring for Messaging Virtualization |
| <ul style="list-style-type: none"> ▪ Define how multiple responses are tracked, captured, and associated with a single request in a virtual service when tracked: <ul style="list-style-type: none"> ▪ Sequentially ▪ Using an ID in the message | <ul style="list-style-type: none"> ▪ Evaluate your messaging environment and virtualization needs to determine the configuration requirements for the messaging platform and VSE Recorder |
| Module 5: Demonstration: Configuring, Recording, Editing, and Deploying Using JMS | |
| <ul style="list-style-type: none"> ▪ Review the workflow to virtualize using JMS ▪ Create proxy queues and connection assets ▪ Configure the VSE Recorder and record the JMS transactions ▪ Test and edit the virtual service image file ▪ Deploy and run the virtual service in multiple execution modes | |



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