

CA PA - CA Test Data Manager 4.4: Data Provisioning 200

SUPPORTED PRODUCT RELEASE(S)

CA Test Data Manager
Release 4.4

CONTENT DURATION & CODE

- 4 hours
- 88TDM20514

PREREQUISITE(S)

- General testing background
- Knowledge of database structures and SQL code
- How to discover data

INTENDED AUDIENCE

- Application Developer
- Application Analyst/Architect
- Quality Assurance Engineer/Tester
- Test Data Engineer

Overview

This course provides students with primary concepts and methods for provisioning test data with CA Test Data Manager interfaces and automated processes.

In this course, students will learn how GTDiagrammer is used to view, add, remove, and edit existing tables and relationships, in the context of the diagram. In conjunction, the Data Visualizer application is demonstrated as an essential tool to ensure that you have sufficient data coverage across your test repository. This course also introduces subsetting tools, explaining how to migrate smaller, intelligent versions of production data, using native database utilities from multiple data sources, for development or testing. Students will also learn methods used to copy, clone, and upgrade data sets inside existing schemas and test data sources.

What Is Covered?

- Organize your test data
- Create an Entity Relationship Diagram
- Visualize data coverage and fill in gaps
- Build subsets
- Create and modify relationships
- Clone and copy data

Lessons Included

Module 1: Describe Data Provisioning

- Describe Provisioning
- Identify CA Test Data Manager Tools
- Discuss Examples of Data Provisioning

Module 2: Visualize the Data Estate

- Describe GTDiagrammer
- Define ERD Terminology
- Explain the Benefits of Tagging

Module 3: Visualize Data Values

- Explain the Benefits of Visualizing Data
- Describe the Test Data Visualizer
- Optimize Test Data in the Test Factory

Module 4: Prepare for Database Subsetting

- Describe the Benefits of Subsetting
- Provision Data to the Target environment
- Publish Data to the Target

Module 5: Design the Subset Schema

- Describe the Subset Design Process
- Build a Subset Routine

Module 6: Generate Subset Scripts

- Describe the Process to Generate Subset Scripts
- Build a Subset Script
- Build Export and Import Scripts
- Run Export and Import Scripts

Module 7: Clone Data

- Describe the Data Creation Assistant Tool
- Generate Data from a Data Pool

Module 8: Manage Project Versions

- Upgrade a Project Version
- Copy Data Pools