



TV120 - Transaction Vision 9.x Essentials

Instructor-Led Workshop
For version 9.0

OVERVIEW

This intermediate, virtual, and instructor-led classroom training offers technical personnel, who are new to TransactionVision, an in-depth product overview and hands-on instruction on how to configure the TransactionVision 9 Agents and Processing server with Business Service Management (BSM) 9. You will learn how to customize TransactionVision for transaction classification, custom event data extraction, transaction attribute assignment, and integrations to other HP products, such as Diagnostics and RUM. The hands-on labs for this class use version 9.0 of the TransactionVision application.

This course is designed for users who have working experience with Business Service Management.

INTENDED AUDIENCE

New users of Transaction Vision (TV) 9.x, including:

- Database Administrators
- System Administrators
- Network Administrators
- Operations Managers
- Availability Engineers

DURATION: 3 DAYS

SOFTWARE VERSION: 9.0

PREREQUISITES

Working knowledge of the following:

- HP Business Process Monitor
- HP Real User Monitor

COURSE OBJECTIVES

At the end of the course, you will be able to:

- Describe the capabilities for Transaction Management in HP Application Performance Management 9.0.
- Tailor the TransactionVision configuration to set up classification and attribute rules to put monitored business transactions into a business context: Type of transaction, who it was executed for, its financial value and so on.
- Write rules to extract key fields from monitored customer application data using a rules-based event modifier bean.
- Set up and use the integration between TransactionVision and other HP products, such as RUM and Diagnostics

RELATED COURSES

- BSM120 - Business Service Management 9.x Essentials
- RUM120 - Real User Monitor 9.x Essentials
- DIA120 - Diagnostics 9.x Essentials

Module 1 – Introduction to Transaction Management

- Overview
- Introduction to Transaction Management
- BSM's Transaction Management
- Monitoring Transaction Performance and Availability
- Business Process Monitor
- Real User Monitor (RUM)
- Transaction Flow Monitoring with Diagnostics
- Transaction and Application Model in RTSM and Service Health

Module 2 – Transaction Management Needs Met by Transaction Vision

- Overview
- When Is Transaction Vision Needed
- Understanding Typical Common Deployments
- JMS – Java Messaging Service
- TIBCO EMS Enterprise Message Service
- Understanding (Customer Information Control System) CICS

Module 3 – Introducing Business Service Management

- Overview
- Enterprise Application
- Evolution of Enterprise Applications
- Transaction Management Requirements
- BSM Architectural Overview

Module 4 – Transaction Vision Overview

- Where is my Transaction?
- HP TransactionVision
- HP TransactionVision Unique Advantages
- HP TransactionVision Architecture
- Agent Details: WebSphere MQ, Java
- Run Time Service Model and Transaction Vision
- Demonstration

Module 5 – Event Collection

- Overview
- Goals of Event Collection in HP TransactionVision
- Setting up the Processing Server
- Configuring Analyzers
- Installing Agents on non-z/OS Platforms
- Data Collection Filtering
- Hands on Labs: Event Collection
- The Delete Events Job
- Custom User Events

Module 6 – Transaction Classification

- Overview
- Classification identifies the type of Transaction from its Events
- Customization Example – Trade Application
- Transaction Classification
- Hands on Lab

Module 7 – Event Modification

- Overview
- Goals
- Detailed Analyzer Event Processing Sequence
- Rule Types

Module 8 – Transaction Attributes

- Overview
- Detailed Analyzer Event Processing Sequence
- Defining an Attribute of a Transaction
- Global vs. Transaction Specific Data Rules
- Attributes

Module 9 – Event Correlation

- Overview
- Detailed Analyzer Event Processing Sequence
- Correlation Mechanism
- Event Relationship Rules
- Local Transaction Rules
- Changing the Default CICS Transaction Correlation

Module 10 – Integrations

- Overview
- RUM Integration
- BPM Integration
- Diagnostics Integration
- BPI Integration

Module 11 – Implementation Considerations

- Overview
- Sizing and Performance Analysis for TV Server
- Jobs
- Data Purging
- Reading/Writing Raw Events in JAR Files
- Understanding Failure Scenarios