



BMC MIDDLEWARE MONITORING 7.0: TRANSACTION MONITORING

COURSE CODE

- » ASSR-MMTM-0700

PRODUCT RELEASE

- » BMC Middleware Monitoring 7.0

DELIVERY METHOD

- » Web Based Training (WBT)

COURSE DURATION

- » 4.25 hours

TARGET AUDIENCE

- » IT Architects and engineers
- » Enterprise software developers

PREREQUISITES

- » *BMC Middleware Monitoring 7.0: Performance and Availability* (WBT)
- » Experience with enterprise middleware
- » Basic understanding of enterprise application programming

Course Overview

This online course presents an in-depth look at business transaction monitoring (BTM) with BMC Middleware Monitoring 7.0. This class will prepare the student to successfully deploy transaction monitoring in their own enterprise.

Topics include installation and configuration, modeling transactions, capturing SLA metrics, historical reporting, and configuration of event monitoring. Additional focus will be placed on leveraging the power of the product for faster problem identification and resolution, access to real-time transaction status and counts.

Course Objectives

- » Understand the function of BMC Middleware Management - Transaction Monitoring
- » Understand the high-level product architecture
- » Review installation and configuration
- » Understand and use the business transaction monitoring BTM API
- » Develop and deploy Transaction Pathways
- » Install and configure the BTM Exit for MQ
- » Develop transaction pathways for middleware applications
- » Develop message formats
- » Understand message field types, field repeating, field indices
- » Configure SLA metrics and Payload metrics
- » Capture and display history data
- » Configure event monitoring for transactions
- » Create dashboard views displaying transaction metrics




BMC MIDDLEWARE MONITORING 7.0: TRANSACTION MONITORING

COURSE ACTIVITIES

- » Product simulations
- » Knowledge checks

DISCOUNT OPTIONS

- » Have multiple students?
Contact us to discuss hosting a private class for your organization
- » Contact us for additional information 

Course Modules

1	INTRODUCTION	2	BASIC PATHWAYS
	<ul style="list-style-type: none"> » Defining Transactions » Differences between <i>Transaction</i> and <i>Performance and Availability</i> Monitoring » Place in the Development Lifecycle » Installation and Upgrading » Agent Deployment » Pathways and Touchpoints » BTM API and BTM Extensions 		<ul style="list-style-type: none"> » Components of Transaction Pathways » Overview of the BTM Tab » Profile Best Practices » The BTM API » Parameters and Pathway Configurations » Deploying BTM Toolkits » Developing Transaction Pathways » Using the Transaction Table
3	INSTRUMENTED INFRASTRUCTURE	4	MESSAGE FORMATS
	<ul style="list-style-type: none"> » BTM Extensions Defined » General Extension Strategies » Need for Message Formats » Supported Technologies » Impact of Development » WebSphere MQ Extension 		<ul style="list-style-type: none"> » Types of Message Formats » Fields, Field Types, and Subfields » Payload and the Transaction Pathway » Activity Filtering » Debugging Formats » Setting Log Levels
5	SLA METRICS	6	HISTORY COLLECTION
	<ul style="list-style-type: none"> » What are SLAs? » Model Best Practices » SLA Types » SLA Collection Configuration » Defining SLAs in the Model » Thresholds and Filtering » Viewing Collected SLAs » SLA Totals » Payload Metrics » Creating Dashboards for SLAs 		<ul style="list-style-type: none"> » Enabling Transaction History » Disabling Live Updates » Querying Transaction History » SLA history » Payload Metric History
7	EVENTS		
	<ul style="list-style-type: none"> » Using Events to Monitor SLA Metrics » Monitoring Individual Transactions » Monitoring Pathway Deployment » Event Association » Creating Custom Events » Using the BTM Log Event 		