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IBM Tivoli Composite Application Manager for AD 7.1 Usage Information

**Length:** 2.0 Days  
**Ref:** TM690G-X  
**Delivery method:** Classroom  
**Price:** EUR

Overview

IBM Tivoli Composite Application Manager (ITCAM) for Application Diagnostics provides real-time problem detection, analysis, and repair to help maintain the availability and performance of on-demand composite applications. In this hands-on workshop, you learn:

- Key concepts of ITCAM for Application Diagnostics
- Architecture of ITCAM for Application Diagnostics
- Product configuration
- How to use the product to monitor for availability
- How to perform problem determination
- Troubleshooting with both the Application Monitor (deep-dive) interface and the Tivoli Enterprise Portal

Public

This basic course is for operations staff, administrators, and application owners and analysts. Technical professionals with a need to monitor availability and performance as well as application analysts needing to analyze performance issues will benefit from this course.

Prerequisites

You should be familiar with:

- J2EE resources **and** application server environment
- Starting and stopping WebSphere application servers
- Viewing the WebSphere administrative console
- Tivoli Enterprise Portal

Recommended courses:

- *IBM Tivoli Monitoring Fundamentals (TM021)***or** (8M021)

Objective

- Describe the ITCAM for Application Diagnostics architecture
- Perform product-administration functions using the ITCAM for Application Diagnostics graphical interface
- Configure ITCAM for Application Diagnostics on distributed systems
- Use ITCAM for Application Diagnostics to monitor applications in a production environment, including traps and all available monitoring levels
- Use ITCAM for Application Diagnostics to perform initial problem determination of applications

## Topics

### Introduction to ITCAM for Application Diagnostics 7.1

- Composite application management
- Key product features
- Introduction to architecture
- Software packaging

### ITCAM for Application Diagnostics 7.1 administration

- Configuring new data collectors
- Users and roles
- Server groups
- Monitoring On Demand
- Managing server tools
- Byte code instrumentation

### Monitoring availability

- Systems overview
- Server Statistics overview
- Recent Activity display
- System resources
- Availability for z/OS, CICS, and IMS

### Tivoli Enterprise Portal interface

- Deployment overview
- Introducing Tivoli Enterprise Portal
- IBM Tivoli Composite Application Manager for Application Diagnostics workspaces

### Real-time problem determination

- Server Activity display

- In-Flight Request search
- Web Session browser
- JVM Thread display

## Traps and consistency checks

- Trap and Alert Management
- Working with traps
- Software consistency check

## Alerts, Events and the Problem Center

- Alerts and events
- Introducing the Problem Center
- Problem Detail tabs

## Tools for memory diagnosis

- Heap data
- Memory analysis
- Memory leak tools

## Performance analysis reports

- Sampling rates
- Working with reports
- Application reports
- Additional reports

## Using the HTTP Agent

- Server overview
- Web Server workspace
- Website workspace
- Default ASP workspace attributes for IIS only
- Automation tools