

OnDemand Application Insight: Java Agent Installation and Configuration 200



PRODUCT RELEASE

DevTest Solutions 10.x

COURSE TYPE, LENGTH & CODE

- Web-Based Training (WBT)
- 1.5 hours
- 88CAI20010

RECOMMENDED PREREQUISITES

- DevTest Solutions 10.2: Installation and Configuration 200
1.5 hours
88SVV20240
- OnDemand DevTest Solutions 10: Foundations 200
Two (2) hours
88ADO20340
- Understanding of Java

WHO SHOULD ATTEND

- Application Administrator
- System Administrator
- Application Developer
- Quality Assurance Engineer

Course Overview

This course teaches the fundamentals for installing and configuring the DevTest Java Agent. The DevTest Java Agent works with the Broker to capture transaction data from the many layers of a composite application or system under test, which is leveraged by Application Insight (formerly CA Continuous Application Insight). The course teaches concepts and processes in order to install the DevTest Java Agent, specifically the Pure Java Agent, then configure the Agent so it is capturing the data needed to meet business requirements while maintaining a minimal impact on the performance of the system under test. The course is web-based and is comprised of video, onscreen reading, hands-on exercises in a simulated DevTest Solutions Application Insight environment, and a final test.

What You Will Learn

- Application Insight features
- The role of the Agent, Broker, and DevTest Portal as they apply to Application Insight data capture configuration
- How to install the Pure Java Agent
- How business requirements affect the Application Insight configuration process
- The processes and tools used to configure what data the Agent captures, and what data the Broker saves and displays
- How specific configuration steps can impact the performance of the system under test (SUT)

For Managers

Application Insight is capable of monitoring complex composite applications, and capturing large amounts of information about the transactions processed by them. The instruction in this course teaches administrators how to configure and manage the balance between required data collection to meet the needs of the team using Application Insight, and maintain the optimal performance of the SUT at the same time.

Course Agenda

Module 1: Describe Application Insight Features	Module 2: Describe Application Insight Architecture
<ul style="list-style-type: none">▪ How Application Insight captures transaction data by way of agents and brokers▪ How transaction data is used to:<ul style="list-style-type: none">• Analyze transactions for rapid defect resolution• Auto-generate CA Application Test and CA Service Virtualization artifacts:<ul style="list-style-type: none">▪ Baseline test cases▪ Virtual services▪ Request/Response pairs▪ Data sets	<ul style="list-style-type: none">▪ Which components in the DevTest Solutions installation are related to Application Insight▪ The relationship between the DevTest Java Agent, the Broker, and the system under test (SUT)▪ Which DevTest Portal panes are used by Application Insight▪ How Application Insight displays transaction data in the panes
Module 3: Install the DevTest Java Agent	Module 4: Configure the DevTest Java Agent
<ul style="list-style-type: none">▪ The different types of DevTest Java Agents which can be installed▪ How to install the Pure Java Agent▪ How to use the Java Installation Assistant	<ul style="list-style-type: none">▪ Balance between data capture levels and the target application performance▪ Performance costs of specific capture levels▪ Configuration options and tools that are available, what they do, and the performance risks▪ How to update an Agent using the DevTest Portal



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