Development and Administration of Applications with IBM Business Monitor V8.5.7

Duration: 4 Days   Course Code: WB896G

Overview:

IBM Business Monitor is a business activity monitoring (BAM) product that supports BPM by measuring business performance, monitoring, and reporting on business transactions. This course includes topics of interest for students who want to use the IBM Business Monitor environment to develop applications.

In this course, you learn how to develop, implement, and test IBM Business Monitor applications so that you can generate real-time business views of enterprise data. The course begins with an overview of BAM and BPM, and the capabilities that IBM Business Monitor provides. In subsequent units, you learn how to build monitor models, establish performance metrics, monitor events, manage action services, and build a business space dashboard. You also learn how to enable events from various sources, including using BPEL and BPMN processes from IBM Business Process Manager Advanced and IBM Integration Bus. Finally, you learn how to monitor events from JMS emitter and REST emitter sources. You also learn some basic administration and maintenance capabilities of IBM Business Monitor.

From the hands-on exercises that are provided throughout the course, you develop and implement a monitoring solution. The exercises include how to use the various components of IBM Business Monitor, such as the IBM Cognos Business Intelligence and the Monitor development toolkit, for reporting and dimensional analysis along with WebSphere Application Server. You use the Monitor development toolkit to develop a monitor model, and then use the IBM Integration Designer to test the model. You also build customized business space dashboards that can be used to analyze and troubleshoot process performance.

Target Audience:

This course is designed for implementation consultants, integration developers, IT specialists, project managers, technical business analysts, and support engineers.

Objectives:

- Explain monitoring concepts

- Describe the architecture of IBM Business Monitor

- Explain how IBM Business Monitor retrieves business data from various sources

- Generate events by using Dynamic Event Framework

- Develop the business measures mode

- Test Monitor models by using the unit test environment servers

- Configure the Action Services Manager

- Configure Business Monitor widgets in a business space

- Monitor events from various sources such as BPEL, BPMN, JMS and REST API.

Prerequisites:

Familiarity with WebSphere related products

Content:

Overview: BPM, BAM, and IBM Business Monitor

Exercise: Exploring IBM Business Monitor

IBM Business Monitor architecture and integration

Exercise: Creating a monitor model

Monitoring events

Exercise: Selecting events and generating a monitor model

Monitor development toolkit and monitoring concepts

Using the Monitor model editor to define elements

Exercise: Creating triggers in a monitor model

Dimensional, KPI and visual models

Exercise: Creating metrics in a monitor model

Deploying a monitor model

Exercise: Deploying and running the monitor model and the application

Using IBM Business Monitor business space dashboards to manage business processes

Exercise: Building dashboards in IBM Business Monitor

Managing action services and event emissions

Exercise: Monitoring events from a BPEL process

Monitoring events from other products

Exercise: Monitoring events from IBM Integration Bus

Exercise: Monitoring events from a BPMN process

Exercise: Monitoring events from JMS emitter and REST emitter.

Administering IBM Business Monitor and monitor models

Maintaining and troubleshooting IBM Business Monitor

Course summary

Further Information:

For More information, or to book your course, please call us on 00 971 4 446 4987

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