

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

**Code:** ZB896G-SPVC

**URL:** [View Online](#)

This IBM Self-Paced Virtual Class (SPVC) includes:

- PDF course guide available to attendee during and after course
- Lab environment where students can work through demonstrations and exercises at their own pace

This course is also available as classroom course *Development and Administration of Applications with IBM Business Monitor V8.5.7* (WB896G).

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.

## Skills Gained

- 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.

## Who Can Benefit

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

## Prerequisites

Familiarity with WebSphere related products

## Course Details

### Course Outline

Course introduction  
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

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