



BMC AMI Datastream for z/OS: Fundamentals Using (WBT)

COURSE ABSTRACT

COURSE CODE

» ASDS-ZOSU-F071

APPLICABLE VERSIONS

» BMC AMI Datastream for z/OS 7.x

DELIVERY METHOD

» Web Based Training (WBT)

COURSE DURATION

» 2 Hours

PREREQUISITES

» NA

RECOMMENDED TRAINING

» BMC AMI Command Center for Security 6.x: Fundamentals Using

Course Overview

For many large organizations, one or more IBM z/OS mainframes constitute a strategic capital investment for mission-critical applications, processes, and data. With security information and event management (SIEM) software platforms existing predominantly in distributed environments, the AMI Datastream for z/OS allows organizations to include mainframe event log data for a unified, multi-platform view of enterprise security event data in a single console.

BMC AMI Datastream for z/OS is an agent program that you install and run on one or more LPARs to monitor system activity, collect process, and deliver SMF records, such as RACF, ACF2, Top Secret, TCP/IP, CICS, IMS, and other z/OS system and application events to your distributed SIEM in real-time.

In this course, the system programmers will learn in detail about the value of SIEM, the modify, start, and stop commands through the medium of engaging self-paced web-based learning and guided simulations to better grasp concepts.

Target Audience

» System Programmers

Learner Objectives

- » Introduction to BMC AMI Datastream for z/OS
- » Understand SMF Records
- » Configuring Automated and Manual Responses
- » Learn in detail about SMF Exits
- » Understand APF Authorization
- » Startup Params
- » Install startup parm
- » \$\$\$ PARMS
- » Display (OPTIONS)
- » Understanding messages
- » Understanding the message rates sent to all SIEMs
- » Stopping the STC
- » Stop Parameters
- » Understanding Agent overhead
- » Value of the CZALDFIL utility
- » JCL ramifications of connecting simultaneously to multiple SIEMs
- » Understanding the CZA0042I Message
- » Refreshing the Datastream CZAPARMS parms

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COURSE ACTIVITIES

- » Guided Simulations

DISCOUNT OPTIONS

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

Course Modules

Module 1: Introduction to Datastream for z/OS

- » Introduction to BMC AMI Datastream for z/OS
- » Mainframe detection and responses
- » Understand SMF Records
- » Value for Command Center and ISV SIEM
- » Configuring Automated and Manual Responses
- » Difference between started tasks and batch jobs
- » Learn in detail about SMF Exits
- » IP Ports
- » Understand APF Authorization
- » ZIIP Enablement

Module 2: Start and Stop Command

- » Understanding how to start the STCs
- » Learn about the Start Parameters
- » Startup Params
- » Install startup parm

- » Understand the stop command
- » Stopping the STC
- » Stop Parameters
- » AMISSID parm

Module 3: Messages

- » Understanding messages
- » Understand STC syslog for any error messages
- » Maximum message size
- » Verify there are no new error messages in the Syslog
- » Understanding the message rates sent to all SIEMs

Module 4: Modify Command

- » Understanding the modify command
- » Understanding the
 - » \$\$\$ CZAPARMS
 - » \$\$\$SELCT
 - » \$\$\$CONSL
 - » \$\$\$SERVR

- » License keys
- » Display (OPTIONS)
- » Maximum length of message in Datastream
- » Different message types
- » Multiple time formats in the Datastream Syslog

Module 5: Tips and Tricks

- » Understanding Agent overhead
- » Analyzing HZS health check message
- » Value of the CZALDFIL utility
- » JCL ramifications of connecting simultaneously to multiple SIEMs
- » Understanding how the Datastream server communicates with the command center
- » Understanding the CZA0042I Message
- » Return codes
- » Refreshing the Datastream CZAPARMS parms