

OnDemand CA Log Analyzer V18 for DB2 for z/OS: Core Functions 200



Course Overview

CA Log Analyzer for DB2 for z/OS is a powerful product that analyzes DB2 log and SMF records to aid in auditing data changes, recovering data, and backing out errant updates without impacting application availability and migrating changes to other subsystems or RDBMSs. It can generate required UNDO SQL statements without losing access to DB2 and can focus on specific data ranges.

This course will show you how to monitor log activity and rollbacks requested by programs. In addition, you will see how to audit DB2 system activity and generate log content information.

PRODUCT RELEASE

CA Log Analyzer Version 18 for DB2 for z/OS

COURSE TYPE, LENGTH & CODE

- WBT
- 2 hours
- 06DBT20580

PREREQUISITES

- Experience with DB2

WHO SHOULD ATTEND

- Database Administrators
- Application Developers

What You Will Learn

- Navigate the CA Log Analyzer interface
- Produce Summary reports
- Create DML/DDL Activity Summary reports
- Produce DML/DDL Activity Detail reports
- Generate Undo SQL records
- Recover a dropped object
- Create a Commit Frequency Detail report
- Generate a report on DML frequency between image copies

For Managers

This course is designed to show your team how to monitor log activity and rollbacks requested by programs. Additionally, they will see how to audit DB2 system activity and generate log content information all without losing access to DB2.

Course Agenda

Module 1: Getting Started with CA Log Analyzer	Module 2: Monitor DML Activity and Reverse or Replicate Changes
<ul style="list-style-type: none"> ▪ Explain the main features / functions of CA Log Analyzer for DB2 for z/OS ▪ Explain the effect of Data Capture Changes ▪ Identify the following primary CA Log Analyzer concepts: <ul style="list-style-type: none"> • Extracting DB2 Log Data • DML Reporting • DML and DDL Reporting • Date and Time • SMF Audit Trace Reporting ▪ Demonstrate the basic navigation of CA Log Analyzer 	<ul style="list-style-type: none"> ▪ Monitor log activity for data changes ▪ Produce reports reflecting all data changes ▪ Reverse or replicate DB2 table data changes
Module 3: Working with Log Labels	Module 4: Process the DB2 Log for Audit and Recovery
<ul style="list-style-type: none"> ▪ Describe the Log Label ▪ Manage a Log Label ▪ Apply a Log Label 	<ul style="list-style-type: none"> ▪ Explore the generation of Summary and Detailed DDL reports to audit the changes ▪ Recover a dropped tablespace, and its dependent objects, using CA Log Analyzer's UNDO DDL functionality
Module 5: Investigate Backup and Recovery Options	Module 6: Recovery Options
<ul style="list-style-type: none"> ▪ Generate reports on Application Commit Frequency ▪ Generate reports on Frequency Between Image Copies ▪ Monitor rollbacks requested by programs 	<ul style="list-style-type: none"> ▪ Determine a recovery point for recovery of multiple tablespaces ▪ Display log information from the Boot Strap Dataset (BSDS) ▪ Audit DB2 system activity from SMF records



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