

CA ACF2 r1.3 Option for DB2 200



PRODUCT RELEASE

CA ACF2 r1.3 Option for DB2

COURSE DURATION & COURSE CODE

- Web-Based Training
- Four (4) Hour
- Course Code:
06ACF20080

PREREQUISITES

- CA ACF2 r15: Basic Administration 200 (06ACF20061)
- CA ACF2 r15: Intermediate Administration 300 (06ACF30211)

WHO SHOULD ATTEND

- Security Administrators
- Systems Programmers
- Security Auditors
- Database Administrators

Course Overview

This course will introduce you to the features of CA ACF2 Security Option for DB2, which provides default protection for users who connect to DB2 and use DB2 objects and resources. The class will identify and discuss DB2 and native DB2 security, along with how CA ACF2 Security Option for DB2 replaces and enhances DB2 security. Case studies and class workshops will prepare you to write and implement rules for numerous DB2 data objects and resources for new or existing DB2 subsystems. Furthermore, the class will provide valuable information so that you can identify and use specific CA ACF2 Security Option for DB2 security options, special utilities and reports. You will return to your job ready to customize your installation of CA ACF2 Security Option for DB2.

What You Will Learn

- Explain native DB2 security concepts
- Define and implement CA ACF2 Security Option for DB2
- Select appropriate CA ACF2 Security Option for DB2 options
- Write rules to protect DB2 data objects and resources
- Create and analyze DB2 security reports

For Managers

CA ACF2 Security Option for DB2 helps your organization protect its DB2 investment by providing leading-edge security for DB2 environments. With the proper training, your IT security personnel can use CA ACF2 Security Option for DB2 to protect your information assets and monitor the effectiveness of your DB2 security policies. Attendees will be taught techniques that allow them to establish significantly tighter controls over your system entry and data access. Class discussions, demonstrations and workshops will also give them valuable experience in identifying and protecting your organization's sensitive data. Moreover, they will return to your organization ready to customize and fine-tune your security solution with CA ACF2 Security Option for DB2.

Course Agenda

Module 1 – Introduction	Module 2 – Defining DB2 to CA ACF2 for DB2
<ul style="list-style-type: none"> ▪ IBM DB2 Family ▪ DB2 Enterprise Edition ▪ DB2 Concepts ▪ DB2 Resources - Objects ▪ DB2 Resources - System Privileges ▪ DB2 Security ▪ DB2 Interface ▪ CA ACF2 for DB2 ▪ CA ACF2 for DB2 Benefits ▪ CA ACF2 for DB2 Security ▪ User Identification ▪ Administration ▪ Defining DB2 Resources ▪ Resource Ownership ▪ Additional Security Controls 	<ul style="list-style-type: none"> ▪ Starting DB2 ▪ System Entry Validation SAF DSNR. Validation ▪ DB2 Data Set Access. ▪ Writing Rules ▪ Using NON-CNCL. ▪ Using NON-CNCL Example ▪ Using MAINT ▪ Using MAINT Example

Module 3 – Defining DB2 to CA ACF2 for DB2 Options

- DB2 Control Records
- Set and CONTROL Commands
- SYSID and MSYSID
- Subcommands
- OPTs
- Exits
- Creating DB2 Control Records
- Displaying DB2 Control Records
- Changing DB2 Control Records
- Deleting DB2 Control Records

Module 4 – Write Rules for DB2 Resources

- DB2 Rules
- Rule Sets
- Components
- Control Statements
- Rule Entries
- Required Control Cards
- DB2 Specific Control Cards
- DB2 Specific Environment Parameters
- Databases
- Table Spaces
- Tables and Views
- Application Plans
- Packages
- Collections
- Buffer Pools
- Storage Groups
- Which Rule Is Selected?
- System Privileges and Utilities
- DB2 Rule Directories
- DB2 Rule Directories Updates
- Commands for DB2 Rule Processing
- Creating or Changing Rule Sets
- Listing Rule Sets
- Deleting Rule Sets
- Testing Rule Sets
- Decentralizing DB2 Rule Writing
- DB2 Interface
- SHOW Subcommand

Module 5 – CA ACF2 for DB2 Reporting	Module 6 – Implementing CA ACF2 for DB2
<ul style="list-style-type: none"> ▪ Reporting ▪ Generalized Resource Log ▪ ACFRPTRV ▪ ACFRPTRV Sample Output ▪ RPTRV2 - CA-Earl ▪ ACFRPTEL ▪ ACFRPTRX ▪ ACFRPTXR ▪ ACFRPTX ▪ CIA Reporting ▪ Chorus Security and Compliance Role 	<ul style="list-style-type: none"> ▪ Issues ▪ Review CA ACF2 Options ▪ Initial Option Selection ▪ Secondary Authorization IDs ▪ Converting from DB2 Security ▪ CP11CNVT - Step 1 ▪ CP11CNVT - Step 2 ▪ CP11CNVT - Step 3 ▪ Install Steps ▪ Installation Steps ▪ System Requirements ▪ CAIENF ▪ CA ACF2 for DB2 and CAIENF ▪ CA ACF2 for DB2 Initialization ▪ Common Problems
Module 7 – CA ACF2 for DB2 Catalog Synchronization Utility	
<ul style="list-style-type: none"> ▪ Native DB2 Security ▪ CA ACF2 for DB2 Security ▪ Catalog Synchronization ▪ Synchronization Types ▪ Program CADB2SY2 ▪ Program CADB2SY3 ▪ Program CADB2SY0 ▪ Program CADB2SY1 ▪ Security Privileges Needed ▪ Parameters and Options ▪ GRANT to PUBLIC ▪ Synchronization Output ▪ Synchronization Reports ▪ Implementation 	

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