

DB2 DBA

COURSE CURRICULUM | COURSE CODE C012

4

MODULES

40-50 hrs

TOTAL INSTRUCTION

Self Learning

DELIVERY METHOD

None

PREREQUISITES

DB2 DBA CURRICULUM

MODULES 1 – 4

MODULE

1

Introduction to DB2

DB2 Address Spaces

- System Services Address Spaces (DSNMSTR)
- Database Services Address Spaces (DSNDBM1)
- Internal Resources Lock Manager (IRLMPROC)
- Distributed Database Facility (DSNDIST)
- Storage Procedure Address Space (DSNSPAS)

MODULE

2

DB2 Physical Objects

- DB2 Catalog, DB2 Directory, Active & Archive Logs
- BSDS, Buffer Pools, Locks

MODULE

3

Database Design

- Physical design Process, Object Design
- Storage Groups, Databases, Table space, Tables, Data Types, Indexes, View, Constraints
- Primary Key & Foreign Key

MODULE

4

DB2 Catalog

Program Preparation / Bind

- DB2, DSN Commands
- Program Preparation, DCLGen, Pre Compilation, Bind Package & Plan

Locking and Concurrency

- Locking, Locking hierarchy, Transaction locks, Table space locks, Releasing locks
- Releasing Page/Row Locks, Concurrency Options

Security & Control

- Explicit Privileges, Database Privileges, System Privileges, User Privileges, Schema Privileges Grant & Revoke Privileges

DB2 Online Utilities

- LOAD & CHECK DATA, CHECK INDEX, REORG, REPAIR, RUNSTATS, MODIFY, STOSPACE, BACKUP & RECOVERY, COPY, RECOVER, QUIESCE, REPORT, MERGECOPY

DB2 Standalone Utilities

- DSN1COPY, DSN1LOGP, DSN1PRINT, DSNJLOGF, DSNJU003

DB2 DBA CURRICULUM

MODULE 4

MODULE

4

DB2 Catalog (cont.)

DB2 and other environment

- Connectivity definition, Call Attachment facility, CICS Attachment facility options, TSO Attachment facility options

Performance Management

- Performance Management definition, Optimizer, Performance Tuning, Explain Function, Plan-Table

COURSE DETAILS

Course Overview

- Learn from fundamentals to advanced concepts on administering DB2 - Database 2
- Learn tips and tricks on real time trouble shooting issues
- Learn the fundamentals and lay a strong foundation to your Administration Journey

Course Activities

- Expert Trainers who have real time experience in managing Mainframe hardware
- All Basic to Advanced concepts required for industry is covered in the course
- All common trouble shooting tips and tricks are covered as a part of the course
- You will be trained on Interview Preparation to crack any tough Interview
- Job Assistance is provided on completion of the course

Target Audience

1. Mainframe Operations Professionals who wanted to enter into Admin role
2. Mainframe Monitoring & Scheduling Professionals who wanted to change into a stable role and look for foreign Opportunities
3. Mainframe Prod Support & Testing Professionals who wanted to stabilize their Job and a better role in the Industry
4. Software Engineers who are in prod support can kick start their career in Admin

Delivery Method

Self Learning

Course Duration

40-50 hrs

Prerequisites

None

Recommended Training

Batch of People (Online)

Learning Path

<https://www.ez-learn.global/db2-dba-2/>