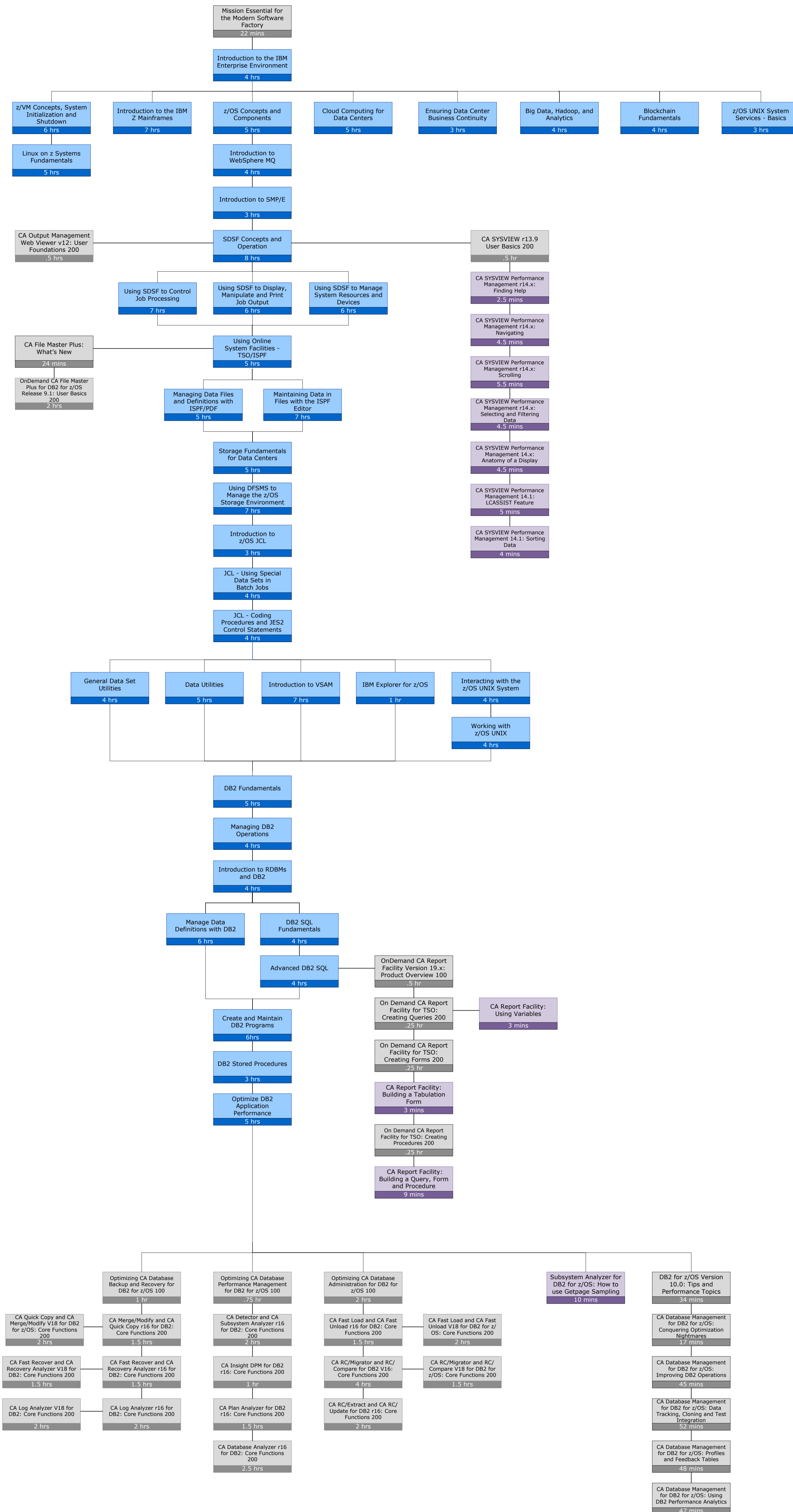**ca** technologies

The DB2 database administrator is responsible for administration and support of the organization's DB2 database. The duties of this position are:

- Designing and implementing DB2 databases
- Monitoring database performance and performing tuning activities
- Identifying, analyzing, and resolving database problems

Approximate number of training hours – 228

This Learning Plan represents an industry standard education plan for this job role. Please note that the equivalent job role at your organization may use different software applications or require greater or lesser levels of expertise in any area. Please check our site regularly to see what new or updated courses have been added to this plan!

Course Flow

Mission Essential for the Modern Software Factory — 22 mins

Introduction to the IBM Enterprise Environment — 4 hrs

- **z/VM Concepts, System Initialization and Shutdown** — 6 hrs
  - **Linux on z Systems Fundamentals** — 5 hrs
- **Introduction to the IBM Z Mainframes** — 7 hrs
- **z/OS Concepts and Components** — 5 hrs
- **Cloud Computing for Data Centers** — 5 hrs
- **Ensuring Data Center Business Continuity** — 3 hrs
- **Big Data, Hadoop, and Analytics** — 4 hrs
- **Blockchain Fundamentals** — 4 hrs
- **z/OS UNIX System Services - Basics** — 3 hrs

Introduction to WebSphere MQ — 4 hrs

Introduction to SMP/E — 3 hrs

CA Output Management Web Viewer v12: User Foundations 200 — .5 hrs

SDSF Concepts and Operation — 8 hrs

CA SYSVIEW r13.9 User Basics 200 — .5 hr

- **CA SYSVIEW Performance Management r14.x: Finding Help** — 2.5 mins
- **CA SYSVIEW Performance Management r14.x: Navigating** — 4.5 mins
- **CA SYSVIEW Performance Management r14.x: Scrolling** — 5.5 mins
- **CA SYSVIEW Performance Management r14.x: Selecting and Filtering Data** — 4.5 mins
- **CA SYSVIEW Performance Management 14.x: Anatomy of a Display** — 4.5 mins
- **CA SYSVIEW Performance Management 14.1: LCASSIST Feature** — 5 mins
- **CA SYSVIEW Performance Management 14.1: Sorting Data** — 4 mins

- **Using SDSF to Control Job Processing** — 7 hrs
- **Using SDSF to Display, Manipulate and Print Job Output** — 6 hrs
- **Using SDSF to Manage System Resources and Devices** — 6 hrs

CA File Master Plus: What's New — 24 mins

OnDemand CA File Master Plus for DB2 for z/OS Release 9.1: User Basics 200 — 2 hrs

Using Online System Facilities - TSO/ISPF — 5 hrs

- **Managing Data Files and Definitions with ISPF/PDF** — 5 hrs
- **Maintaining Data in Files with the ISPF Editor** — 7 hrs

Storage Fundamentals for Data Centers — 5 hrs

Using DFSMS to Manage the z/OS Storage Environment — 7 hrs

Introduction to z/OS JCL — 3 hrs

JCL – Using Special Data Sets in Batch Jobs — 4 hrs

JCL – Coding Procedures and JES2 Control Statements — 4 hrs

- **General Data Set Utilities** — 4 hrs
- **Data Utilities** — 5 hrs
- **Introduction to VSAM** — 7 hrs
- **IBM Explorer for z/OS** — 1 hr
- **Interacting with the z/OS UNIX System** — 4 hrs
  - **Working with z/OS UNIX** — 4 hrs

DB2 Fundamentals — 5 hrs

Managing DB2 Operations — 4 hrs

Introduction to RDBMs and DB2 — 4 hrs

- **Manage Data Definitions with DB2** — 6 hrs
- **DB2 SQL Fundamentals** — 4 hrs

Advanced DB2 SQL — 4 hrs

- **OnDemand CA Report Facility Version 19.x: Product Overview 100** — .5 hr
- **On Demand CA Report Facility for TSO: Creating Queries 200** — .25 hr
  - **CA Report Facility: Using Variables** — 3 mins
- **On Demand CA Report Facility for TSO: Creating Forms 200** — .25 hr
  - **CA Report Facility: Building a Tabulation Form** — 3 mins
- **On Demand CA Report Facility for TSO: Creating Procedures 200** — .25 hr
  - **CA Report Facility: Building a Query, Form and Procedure** — 9 mins

Create and Maintain DB2 Programs — 6hrs

DB2 Stored Procedures — 3 hrs

Optimize DB2 Application Performance — 5 hrs

Bottom section

Optimizing CA Database Backup and Recovery for DB2 for z/OS 100 — 1 hr
- **CA Quick Copy and CA Merge/Modify V18 for DB2 for z/OS: Core Functions 200** — 2 hrs
  - **CA Merge/Modify and CA Quick Copy r16 for DB2: Core Functions 200** — 1.5 hrs
- **CA Fast Recover and CA Recovery Analyzer V18 for DB2: Core Functions 200** — 1.5 hrs
  - **CA Fast Recover and CA Recovery Analyzer r16 for DB2: Core Functions 200** — 1.5 hrs
- **CA Log Analyzer V18 for DB2: Core Functions 200** — 2 hrs
  - **CA Log Analyzer r16 for DB2: Core Functions 200** — 2 hrs

Optimizing CA Database Performance Management for DB2 for z/OS 100 — .75 hr
- **CA Detector and CA Subsystem Analyzer r16 for DB2: Core Functions 200** — 2 hrs
- **CA Insight DPM for DB2 r16: Core Functions 200** — 1 hr
- **CA Plan Analyzer for DB2 r16: Core Functions 200** — 1.5 hrs
- **CA Database Analyzer r16 for DB2: Core Functions 200** — 2.5 hrs

Optimizing CA Database Administration for DB2 for z/OS 100 — 2 hrs
- **CA Fast Load and CA Fast Unload r16 for DB2: Core Functions 200** — 1.5 hrs
- **CA Fast Load and CA Fast Unload V18 for DB2 for z/OS: Core Functions 200** — 2 hrs
- **CA RC/Migrator and RC/Compare for DB2 V16: Core Functions 200** — 1.5 hrs
- **CA RC/Migrator and RC/Compare V18 for DB2 for z/OS: Core Functions 200** — 1.5 hrs
- **CA RC/Extract and CA RC/Update for DB2 r16: Core Functions 200** — 2 hrs

Subsystem Analyzer for DB2 for z/OS: How to use Getpage Sampling — 10 mins

DB2 for z/OS Version 10.0: Tips and Performance Topics — 34 mins
- **CA Database Management for DB2 for z/OS: Conquering Optimization Nightmares** — 17 mins
- **CA Database Management for DB2 for z/OS: Improving DB2 Operations** — 45 mins
- **CA Database Management for DB2 for z/OS: Data Tracking, Cloning and Test Integration** — 52 mins
- **CA Database Management for DB2 for z/OS: Profiles and Feedback Tables** — 48 mins
- **CA Database Management for DB2 for z/OS: Using DB2 Performance Analytics** — 47 mins

Legend

- **Interskill e-Learning Courses**
- **CA Premium Curriculum**
- **CA Premium Videos Curriculum**

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