

Informix 14

System Administration

FA-0251 · 2-day

DevOps, Cloud & Infrastructure

Introduction

2-day training

This course is tailored to provide you with a deep understanding of the system-level aspects of Informix 14, focusing on the installation, configuration, optimization, and maintenance of the system. Whether you're a seasoned professional or new to system administration, our goal is to enhance your skills and confidence in managing Informix systems. Get ready for a hands-on, interactive experience that will elevate your system administration capabilities!

Learning outcomes

By the end of this course, you will:

- Gain a comprehensive understanding of the system components and architecture of Informix 14.
- Learn to install and configure Informix 14 in various environments.
- Develop skills in managing system-level security, including user access and data protection.
- Master the techniques of backup, recovery, and data replication.
- Be able to monitor, diagnose, and optimize the performance of Informix systems.
- Understand and manage network configurations and client connectivity.
- Learn to troubleshoot common system-level issues in Informix 14.

Prerequisites

To get the most out of this course, you should have:

- A basic understanding of database and system administration concepts.

- Familiarity with Unix/Linux operating systems, as Informix is commonly run on these platforms.
- Basic knowledge of SQL and database management systems.

Training outline

1. Overview of Informix 14 System Components:

1. Understanding the Informix 14 Architecture
2. Key Components and their Roles

2. Installation and Environment Setup:

1. Preparing for Informix Installation
2. Step-by-step Installation Process
3. Configuring the Environment Post-Installation

3. System-Level Configuration:

1. Configuring Database Server Parameters
2. Setting Up Environment Variables
3. Memory and Disk Configuration

4. Security Management:

1. Implementing System-level Security Measures
2. User and Role Management at the System Level
3. Data Encryption and Security Best Practices

5. Backup and Disaster Recovery:

1. Planning and Implementing Backup Strategies
2. Performing System Backups and Recovery
3. Understanding Disaster Recovery Mechanisms

6. Performance Monitoring and Tuning:

1. Tools for Monitoring System Performance
2. Identifying and Resolving Performance Bottlenecks

3. Best Practices for System Optimization

7. Network and Connectivity:

1. Managing Network Configurations
2. Setting Up Client Connectivity
3. Troubleshooting Network Issues

8. Data Replication and High Availability:

1. Implementing Data Replication Strategies
2. Configuring High Availability Data Replication (HDR)
3. Maintaining and Monitoring Replication Systems