

€ TRAINING

Data Server





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Introduction:

Welcome to the Data Server Training! In this comprehensive participants will delve into the fundamental concepts, advanced techniques, and best practices related to data servers. The training aims to equip individuals with the knowledge and skills needed to effectively manage, optimize, and secure data servers in a variety of environments.

Program Objectives:

At the end of this Program the participants will be able to:

- Understand Data Server Fundamentals
- Installation and Configuration
- Data Management and Storage
- Security and Access Control
- Performance Optimization

Targeted Audience:

- IT professionals
- Database administrators
- System administrators
- Anyone involved in managing or working with data servers. Whether you're a beginner looking to build a strong foundation or an experienced professional seeking advanced knowledge, this training is tailored to meet your needs.

Program Outlines:

Unit 1:

Data Server Fundamentals

- Introduction to Data Servers
- Types of Data Servers
- Data Server Architecture

- Core Components and Functionality

Unit 2:

Installation and Configuration

- Installing Data Server Software
- Configuration Best Practices
- Server Maintenance and Updates
- Troubleshooting Installation Issues

Unit 3:

Data Management and Storage

- Efficient Data Storage Strategies
- Retrieval and Management Techniques
- Data Backup and Recovery
- Handling Large Datasets

Unit 4:

Security and Access Control

- Principles of Data Server Security
- Authentication and Authorization
- Encryption for Data Server Security
- Implementing Access Controls

Unit 5:

Performance Optimization

- Strategies for Optimizing Performance
- Indexing and Query Optimization
- Caching Techniques



- Troubleshooting Performance Issues