

Oracle Essbase 11.1.2 for System Administrators (D67704)

ID D67704 Preis 2.562,- € (exkl. MwSt.) Dauer 3 Tage

Kursüberblick

The typical Essbase project is a high visibility, high priority development project designed to enhance bottom line performance. This course will help you develop specific Essbase administrative skills so you're able to support these projects.

Learn To:

- Perform backup, recovery, application migration and task automation.
- Optimize Essbase system caches.
- Configure the block storage and aggregate storage kernels.
- Design and manage Essbase security.
- Configure, secure, optimize and maintain the Essbase environment for both block storage and aggregate storage applications.

Learn Essbase Survival Skills

Whether you're a new or seasoned Essbase user, you'll benefit from the Essbase experience and best practices built into the lectures, student guide, numerous exercises and case study. This course will prove to be a valuable addition to your administrator's survival kit.

Zielgruppe

- Security Administrators
- Administrator
- Application Developers
- Database Administrators
- Database Designers

Voraussetzungen

Required Prerequisites:

- General technical background
- Basic system administration experience

Suggested Prerequisites:

- Oracle Essbase 11.1.2 Bootcamp

Kursziele

- Set up user, group, and application access type security
- Create database filters
- Describe the components of the Oracle Essbase product family
- Optimize Essbase caches and buffers
- Perform database maintenance, including backup and recovery and application migration
- Configure the Essbase environment
- Automate routine tasks using MaxL scripts

Kursinhalt

- Online Analytical Processing Overview
- Essbase architecture, components, and production cycle
- Block Storage Data Structure
- Aggregate Storage Data Structure
- Configuring Essbase Servers
- Essbase Data Integrity
- Essbase Security Overview
- Creating Essbase Security Filters
- Securing the Essbase Environment in Shared Services
- Optimizing Block Storage Caches
- Optimizing Aggregate Storage Cache
- Optimizing Buffers and Compression
- Managing Fragmentation
- Managing Applications, Sessions, Usernames, and Passwords
- Backing Up, Restoring, and Recovering Essbase Databases
- Task Automation

Detaillierter Kursinhalt

Online Analytical Processing Overview

- Data Transformation
- Multidimensional View of Information
- Dimensional Modeling
- Data Cubes
- Dimension Hierarchies
- OLAP Solutions

Essbase architecture, components, and production cycle

- Aggregate Storage and Block Storage
- Outlines
- Load Rules
- Calculation Scripts
- Aggregations
- Reporting in Smart View

Block Storage Data Structure

- Data Blocks and the Index System
- Block Storage Database Statistics
- Data Block Creation
- Database Calculation Process

Aggregate Storage Data Structure

- Table space Overview
- Data Aggregation
- Aggregate Storage Database Statistics

Configuring Essbase Servers

- Setting up runtime and connection options for Essbase
- Configuring block storage and aggregate storage disk allocation
- Identifying the primary information logs available to Essbase system administrators
- Maintaining the Essbase Server configuration file

Essbase Data Integrity

- Ensuring Essbase Data Integrity
- Transactions and Locks
- Isolation Levels

Essbase Security Overview

- Essbase Native Security
- Global Access Security Layer
- User and Group Security Layer
- Application Access Type Security
- The Essbase Security File

Creating Essbase Security Filters

- The Essbase Security Filter Layer
- Creating Security Filters
- Filter Behavior
- Resolving Security Conflicts

Securing the Essbase Environment in Shared Services

- Shared Services Security
- Converting Essbase Users to Shared Services Security
- Provisioning Users in Shared Services
- External Authentication and Single Sign-on

Optimizing Block Storage Caches

- Optimizing the Database
- Optimizing Caches
- Setting RAM Caches
- Cache Hit Ratios

Optimizing Aggregate Storage Cache

- Aggregate Storage Cache Optimization
- Managing Aggregate Storage Cache
- Viewing Aggregate Storage Cache Statistics

Optimizing Buffers and Compression

- Setting Data Retrieval Buffers
- Data Compression Methods
- Setting the Optimal Compression Method

Managing Fragmentation

- Measuring Database Fragmentation
- Preventing and Reducing Database Fragmentation
- Removing Security File Fragmentation

Managing Applications, Sessions, Usernames, and Passwords

- About Application and Session Management
- Migrating Applications and Databases
- Enabling/Disabling Usernames in

Administration Services Console

Backing Up, Restoring, and Recovering Essbase Databases

- About Backup, Restore, and Recovery
- Manual Backup and Restore
- Automated Backup and Restore
- Manual Recovery
- Automated Recovery
- Recovering from a Server Interruption
- Recovering Corrupted Essbase Databases

Task Automation

- Automating Tasks Using MaxL
- The MaxL Command Shell
- MaxL Statements and Syntax
- MaxL Username and Password Encryption
- Debugging MaxL scripts