



## **HYPERION ESSBASE AND PLANNING ADMINISTRATION**

### **Course Overview**

#### **Topic**

#### **A Day as Essbase Administrator Online Analytical Processing Overview**

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

#### **Aggregate Storage Data Structure**

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

#### **Essbase Security Overview**

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

#### **Optimizing Block Storage Caches**

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

#### **Managing Fragmentation**

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

#### **Task Automation**

- Automating Tasks Using MaxL

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

### **Essbase architecture, components, and production cycle**

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

### **Configuring Essbase Servers in distributed environment**

- 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

### **Creating Essbase Security Filters**

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

### **Optimizing Aggregate Storage Cache**

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

### **Managing Applications, Sessions, Usernames, and Passwords**

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

### **Applying Path in Essbase**

- Essbase Multiple Server Environment
- An introduction to Perl Script for Essbase Developer

### **Block Storage Data Structure**

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

- Database Calculation Process

## **Essbase Data Integrity**

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

## **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 Buffers and Compression**

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

## **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

## **Planning Administration**

### **Configuring Planning**

- Configuring Planning
- Installing and Configuring Offline Planning

### **Accessing Planning**

- Verifying the Installation
- Starting Services
- Logging on to Workspace
- Creating and Deploying Applications
- Provisioning Users and Groups
- Configuring Smart View
- Accessing Planning Applications
- Testing Report Connectivity

## **Switching Application Modes**

- Application Upgrade Wizard
- Switching Classic Applications to Performance Management Architect Applications

- Switching Performance Management Architect Applications to Classic Applications

### **Performing System Maintenance**

- Backup and Recovery Overview
- Backing Up Databases and File Systems
- Backing Up Windows Registry Settings
- Backing Up and Recovering EPM System Products
- Managing EPM System Log Files

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