

## MicroStrategy Administration: Configuration and Security

### Overview:

This three-day course provides an overview of the tasks involved in configuring a MicroStrategy environment and setting up its security layers. In the first day, students will have a brief introduction to administration tasks a MicroStrategy administrator usually performs. They will also learn about the BI architecture, connectivity setup, administration interface, how to manage users and groups, and how to define the authentication methods for their projects. In the second day, students will learn about administrative tasks and settings available in MicroStrategy Web, about the different layers of security in the MicroStrategy environment, and about History List management, caching, and cubes. In the last day, students will learn about internationalization, the benefits of clustering, MicroStrategy Health Center, schedules and subscription management, Distribution Services, and how to tune and optimize their MicroStrategy environments. The goal of this course is to prepare BI professionals for the role of MicroStrategy administrators.

### MicroStrategy Products Covered:

- MicroStrategy Desktop
- MicroStrategy Intelligence Server
- MicroStrategy Web
- MicroStrategy Health Center
- MicroStrategy Distribution Services

### Number of Days:

- 3 days

### Who Should Attend:

- MicroStrategy Administrators

### Prerequisites:

- MicroStrategy Reporting Essentials

### Topics:

- Introduction to Administration
  - Introduction to MicroStrategy Administration
  - MicroStrategy Intelligence Server
  - Activation
  - Course Structure
- Architecture and Query Flow
  - Metadata Repository Overview
  - Business Intelligence Architecture
  - Three-tier Query Flow
- Connectivity
  - Introduction to MicroStrategy Connectivity
  - ODBC Connectivity
  - Server Definition
  - Project Source
  - Establishing Web Connectivity
  - Database Instance
- Administration Interface
  - Starting and Stopping Intelligence Server
  - Starting and Stopping Intelligence Server As a Service
  - Administration Interface
  - Administration Icon
  - Administration Menu
  - Intelligence Server Configuration Editor
  - Project Configuration Editor
  - Governing
  - Command Line (Universal Edition)
- Managing MicroStrategy Users and Groups
  - MicroStrategy User Groups
  - MicroStrategy User Accounts
  - Importing Users and Groups
  - Linking MicroStrategy Users to Windows Users
  - Find and Replace Privileges Tool

- Authentication Modes
  - Authentication Modes Overview
  - Account Security Policy
- MicroStrategy Web Administration
  - Web Administration Overview
  - Web Administrator Page
  - MicroStrategy Web Preferences
  - Web Server Tuning
- Security
  - Security Overview
  - Controlling the Access to Database Data
  - Controlling the Access to Functionality
- History List Management
  - History List Overview
  - History List Messages Monitor
  - Reprompting, Refreshing and Replacement
- In-Memory Caching
  - Computational Distance
  - The Importance of 64 Bit
  - Caching
  - Report Caches
  - Document Caching
  - Element Cache
  - Object Cache
  - Cache Sizing Recommendations
  - Monitoring Caches
- In-Memory Intelligent Cubes
  - Introduction to Intelligent Cubes
  - The In-Memory Cube Publication Process
  - Monitoring Intelligent Cubes
  - Managing Intelligent Cubes
  - When to Use In-Memory Cubes?
  - Cube Sizing and Memory Usage Considerations
  - Dynamic Sourcing
  - Cube Advisor
  - Data Import
- Internationalization
  - Types of Internationalization
  - Data Internationalization
  - Metadata Internationalization
  - Managing Languages
  - Language Preference Resolution Hierarchy
  - Caches and Intelligent Cubes Internationalization
- Clustering
  - Clustering Overview
  - Benefits of Clustering
  - Enabling Clustering
  - Metadata Synchronization in a Clustered Environment
  - Sharing in a Clustered Environment
  - Subscription Execution in Clustered Environments
  - Intelligent Cubes in a Cluster Environment
- MicroStrategy Health Center
  - Introduction to Health Center
  - Configuring the Health Center Network
  - Diagnosing and Fixing Problems
  - Analyzing Log Files
  - Sending Information to Technical Support
- Schedules and Subscriptions
  - Scheduling
  - Subscriptions Administration
- Distribution Services
  - Feature Highlights
  - Configuration Considerations
  - Configuring Distribution Services
  - Administering Subscriptions in MicroStrategy Web
  - Managing and Monitoring Subscriptions
- Tuning
  - Components of performance
  - Server Recommendations for Tuning
  - Migrating from 32-Bit to 64-Bit Platforms