

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, and Distribution Services. 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
 - 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
 - Deleting Groups and Users
 - User Manager Integrity Checker
- Authentication Modes
 - Authentication Modes Overview
 - Single Sign-on
 - 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 Storage
 - History List Messages Monitor
 - History List Message Duplication on Reprompt or Refresh
 - History List Message Replacement Policy
- In-Memory Caching
 - Caching Overview
 - Report Cache
 - Document Cache
 - Element Cache
 - Object Cache
 - Cache Sizing Recommendations
 - Cache Monitors
 - Configure Cache Encryption
- In-Memory Intelligent Cubes
 - Introduction to Intelligence Server
 - Monitoring Intelligent Cubes
 - Managing Intelligent Cubes
 - When to Use In-Memory Cubes?
 - Cube Sizing and Memory Usage Considerations
 - Dynamic Sourcing
 - Cube Advisor
- Internationalization
 - Types of Internationalization
 - Data Internationalization
 - Metadata Internationalization
 - Caches and Intelligent Cubes Internationalization
- Clustering
 - Clustering Overview
 - Benefits of Clustering
 - Enabling Clustering
 - Metadata, Cache, History List, and Subscriptions in Cluster 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
- Distribution Services
 - Feature Highlights
 - Configuration Considerations
 - Configuring Distribution Services
 - Administering Subscriptions in MicroStrategy Web
 - Managing and Monitoring Subscriptions