

MicroStrategy Administration

Overview:

This three-day course provides an overview of the tasks involved with the administrator role in the MicroStrategy environment. In the first day, students will have a brief introduction of all the 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 different layers of security in the MicroStrategy environment. In the second day, students will learn about the different authentication modes to project sources and projects, and about caching, history list, scheduling, and subscription management. They will also learn about the benefits of clustering and internationalization, how to manage intelligent cubes, and about change journaling. In the last day, students will learn about Intelligence Server tuning, Web administration, and about the following MicroStrategy products: Object Manager, Project Merge, User Merge, Command Manager, Enterprise Manager, and Integrity Manager. 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 Object Manager
- MicroStrategy Command Manager
- MicroStrategy Enterprise Manager
- MicroStrategy Integrity Manager

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
 - MicroStrategy Web and Web Universal
 - Course Structure
- Architecture and Query Flow
 - Metadata Repository Overview
 - Business Intelligence Architecture
 - Three-tier Query Flow
- Connectivity
 - Introduction to MicroStrategy Connectivity
 - ODBC Connectivity, Architecture, and Requirements
 - 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
- Security
 - Security Overview
 - Network and Operating System Security
 - Database Security
 - MicroStrategy Security

- Authentication Modes
 - Authentication Modes Overview
 - Single Sign-on
 - Security Policy
- Caching
 - Caching Overview
 - Element Cache
 - Object Cache
 - Report Cache
 - Document Cache
 - Cache Monitors
 - Configure Cache Encryption
- History List Management
 - History List Storage
 - History List Messages Monitor
 - History List Message Duplication on Reprompt or Refresh
 - History List Message Replacement Policy
- Schedules and Subscriptions
 - Scheduling
 - Subscriptions
- Clustering
 - Clustering Overview
 - Benefits of Clustering
 - Enabling Clustering
 - Metadata, Cache, History List, and Subscriptions in Cluster Environments
- Internationalization
 - Types of Internationalization
 - Data Internationalization
 - Metadata Internationalization
 - Caches and Intelligent Cubes Internationalization
- Administering Intelligent Cubes
 - Introduction to Intelligence Server
 - Monitoring Intelligent Cubes
 - Managing Intelligent Cubes
 - Dynamic Sourcing
 - Cube Advisor
- Change Journaling
 - Enable Change Journaling
 - Recording Changes
 - Managing Change Journaling
- Intelligence Server Tuning
 - Memory Concepts
 - Tuning Options
 - Migrating from Windows to Unix/Linux
- MicroStrategy Web Administration
 - Web Administration Overview
 - Project Sorting
 - Accessing Projects
 - Web Preferences
 - Diagnostics
 - Widget Deployments
- Object Manager
 - Application Lifecycle Management Overview
 - What is Object Manager?
 - Duplicating Projects and Objects
 - Managing Objects with Object Manager
 - Update Packages
 - Project Comparison
- Project Merge and User Merge
 - MicroStrategy Project Merge
 - MicroStrategy User Merge Wizard
- MicroStrategy Command Manager
 - Command Manager Overview
 - Command Manager Interfaces
 - Working with Scripts
 - Command Manager Procedures
 - Connection Modes
 - Project and Configuration Locking
- MicroStrategy Enterprise Manager
 - How Can I Monitor My Project Environment?
 - Enterprise Manager Architecture
 - Enterprise Manager Reports
- MicroStrategy Integrity Manager
 - Integrity Manager Overview
 - Integrity Manager Tests
 - Integrity Manager Test Analysis