

10.611 Analytics Performance Tuning

Course description

Learn how to tune the MicroStrategy Enterprise Analytics environment for high performance. Understand caching, Intelligent Cubes, system configuration, and other options available to optimize data transfer, data rendering, data warehouse access, and mobile performance.

Skills you gain

- Improve system performance using techniques such as caching and SQL optimization
- Create high-performance dashboards for end users
- Implement mobile performance improvement strategies
- Configure high-performance networks using techniques such as HTTP compression

MicroStrategy products covered

- MicroStrategy administrative tools
- MicroStrategy Developer
- MicroStrategy Web
- MicroStrategy Mobile

Right for you if

You are an administrator who wants to optimize the performance of your MicroStrategy environment

Topics

1. Components of high performance
2. Caching
 - Optimizing system performance
 - Report and document caching
 - Object caching
 - Element caching
3. Intelligent Cubes
 - Intelligent Cubes overview
 - Incremental cube refresh
 - Report execution against cubes
4. System architecture and configuration
 - Server specifications
 - Intelligence Server configuration
 - Web server configuration
5. Data transfer
 - Introduction to network performance
 - Key network concepts
 - Network recommendations for high performance
 - Distribution Services performance
6. Data rendering
 - Report execution workflow
 - High performance dashboards
7. Data warehouse access
 - Database query performance
 - Report and schema design optimizations
 - SQL generation optimizations
 - Data architecture optimizations
 - Optimizing MultiSource reports
 - ODBC optimizations
8. Mobile performance
 - Dashboard execution workflow in the Mobile environment
 - Mobile performance improvement strategies