

Configuring and Managing the Multiuser Geodatabase

Introduction to the geodatabase

- Types of geodatabases
- Licensing
- Geodatabase workflow

What is ArcSDE?

- ArcSDE components and architecture
- Geodatabase management options
- Creating an enterprise geodatabase using a geoprocessing tool

Connecting to the geodatabase

- Types of connections
- Client-server compatibility

Loading data into the geodatabase

- Creating a data owner user account
- Workflow to load data
- Workflow to update data
- Automation using ModelBuilder

Managing storage settings

- Configuration keywords
- Using command-line tools to modify DBTune

Spatial types

- RDBMS spatial types
- Configuring spatial types
- Converting a dataset's spatial type

Configuring permissions

- Operating system versus database users
- Creating user roles
- Assigning permissions to datasets
- Securing login credentials

Associating data

- Query layers
- Database views

Geodatabase maintenance

- Updating statistics
- Creating and updating indexes
- Using Python scripts to maintain performance



Managing locks

Schema and feature locks

Identifying and removing locks

Bringing it all together

Applying the geodatabase workflow to implement a multiuser geodatabase

Install, create, and configure a multiuser geodatabase

Load data and perform maintenance tasks