

**Managing a Versioned Geodatabase***Three days (24 hours)*

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**Overview**

When deploying a versioned geodatabase, the workflow that is administered can mean the difference between success and failure. This course provides an insider's look at how to manage and edit a multiuser, versioned geodatabase. Participants learn how a versioned geodatabase operates and explore various workflow scenarios. The course focuses on how ArcSDE software implements versioning through the use of geodatabase system metadata tables and user delta tables. Solid strategies for maintaining multiuser geodatabase performance are explored.

This course is designed for ArcSDE users and experienced ArcGIS users who want to learn how to implement and maintain a versioned geodatabase.

**Goals**

Those completing this course will be able to

- Describe advantages of versioning.
- Understand the versioning architecture.
- Create and delete a version.
- Discuss and implement various versioning workflows.
- Understand ArcSDE system tables and user delta tables.
- Understand how versioned data is accessed.
- Examine the editing process and outcome.
- Explore multiversioned views.
- Monitor versioned geodatabase performance.
- Understand and implement techniques for maintaining performance.

**Prerequisites and recommendations**

Participants should have completed *Introduction to ArcGIS I* or *Learning ArcGIS 9* or have equivalent knowledge. Familiarity with ArcSDE architecture and working on a Windows platform are also required.