

ArcSDE Administration for Oracle

Five days

Overview

ArcSDE software is an integrated part of ArcGIS and a core element of any enterprise GIS solution. This course prepares Oracle database administrators for implementing ArcSDE by teaching how to build an individual ArcSDE server. Participants learn how to configure Oracle to support ArcSDE, install and configure ArcSDE, load vector and raster data, monitor and optimize queries, and manage a multiversioned geodatabase. The course focuses on understanding how ArcSDE software interacts with Oracle and proposes solid strategies for maintaining and managing an enterprise GIS database. This course is designed for experienced Oracle database administrators who need to manage ArcSDE databases and clients.

Goals

Those completing this course will be able to

- Configure Oracle to support ArcSDE.
- Install and configure ArcSDE.
- Customize storage for ArcSDE data.
- Create vector feature classes and raster data sets.
- Configure, create, and monitor connections.
- Implement data management strategies for vector, raster, and Oracle Spatial data.
- Monitor and optimize query access.
- Optimize ArcSDE and client applications.
- Explore the ArcSDE repository and geodatabase behavior.
- Manage a multiversioned geodatabase.

Prerequisites and recommendations

Participants should have experience with Oracle database administration or application development as well as administering a Windows or UNIX operating system.