Leveraging the Cloud for Data Sharing Between Remote Offices

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Synchronizing Data

- What is Replication?
Synchronize copies of a Geodatabase

• Make edits and synchronize multiple times
• Configurations
  - Changes are sent in one direction to a read-only copy
  - Changes are sent in both directions
Synchronizing and the cloud

• The cloud described in this session refers to...
  - Machine images preconfigured with ArcGIS Server 10
  - Hosted on Amazon cloud

• Why go to the cloud?
  - High Availability
  - Scalable
  - Saves on hardware and resources
Synchronizing and the cloud

- Copy Geodatabase data to the cloud
- Publish services
- Synchronize between Local Office and Cloud
DEMO: Replicate read-write Geodatabases

Replicating to the cloud
Replicating to the cloud

- IIS has data size limits
  - Can be resized
    - Default is 4 mb
  - Disconnected
    - Add in at 10.0