Windows Azure 2012, Part 5 of 8: Azure Data Storage

Meet the expert: Mike Benkovich delivers technical presentations around the U.S. as a consultant, trainer, and former Developer Evangelist for Microsoft. He has worked in a variety of professional roles including architect, project manager, developer, and technical writer. Mike is also an author of two books, published by WROX Press and APress, that show developers how to get the most from their SQL databases. Since appearing in the 1994 Microsoft DevCast, Mike has presented technical information at seminars, conferences, and corporate boardrooms across America.

Prerequisites: The viewer should be familiar with web interfaces, SQL, SQL Management Studio, and Visual Studio.

Runtime: 01:00:27

Course description: Working with BLOB, Tables and Queues requires an understanding that some data makes sense for relational storage and some does not, this session dives into storage accounts, patterns for working with the storage API's.

Course outline:

Working with Azure Storage
- Introduction
- Windows Azure
- Windows Azure Storage
- Azure Storage Abstractions
- Windows Azure Storage Account
- Tools to Explore Storage
- Demo: Storage Accounts
- Demo: My Azure Storage
- Summary

Working with Blobs
- Introduction
- Working with Blobs
- Storage in Development Fabric
- Blob Storage Example
- Demo: Blob Storage
- Demo: Azure Upload Utility
- Demo: More Upload Utility
- Summary

Working withTables & Queues
- Introduction
- Creating Thumbnails
- Table Storage Concepts
- Entity Properties
- No Fixed Schema
- Querying
- Partition Key
- Partitions and Partition Ranges
- Working with Queues
- Message Lifecycle
- Workflows with Queues
- Queue Details
- Queue's Reliable Delivery
- Demo: Catalog Feature
- Demo: Using a Queue
- Summary

Creating a Worker Role
- Introduction
- Creating Thumbnails
- Worker Process
- Demo: Creating a Worker Role
- Demo: Publishing to the Cloud
- Summary