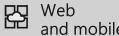
# **Azure Storage Services**







Existing frameworks





Serverless Compute

#### Disks

Persistent disks for Azure laaS VMs

Premium Storage Disks option: SSD based, high IOPS, low latency

### **Files**

Fully Managed File Shares in the Cloud

SMB and REST access

"Lift and shift" legacy apps

## Objects

Highly scalable, REST based cloud object store

Block Blobs: Sequential file I/O Cool Tier Available Page Blobs: Randomwrite pattern data Append Blobs

## **Tables**

Massive auto-scaling NoSQL store

Dynamic scaling based on load

Scale to PBs of table data

Fast key/value lookups

### Queues

Reliable queues at scale for cloud services

Decouple and scale components
Message visibility timeout and update message to protect against unreliable dequeuers

## Built on a unified Distributed Storage System

Durability, Encryption at Rest, Strongly Consistent Replication, Fault Tolerance, Auto Load-Balancing