

# Azure Storage Services

IaaS



Storage



Virtual  
machines



Networking

PaaS



Existing  
frameworks



Web  
and mobile



Microservices



Serverless  
Compute

## Disks

Persistent disks for  
Azure IaaS 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: Random-  
write 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