

## Microsoft Azure Storage – Solution for Data Growth

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## Every company is a data company

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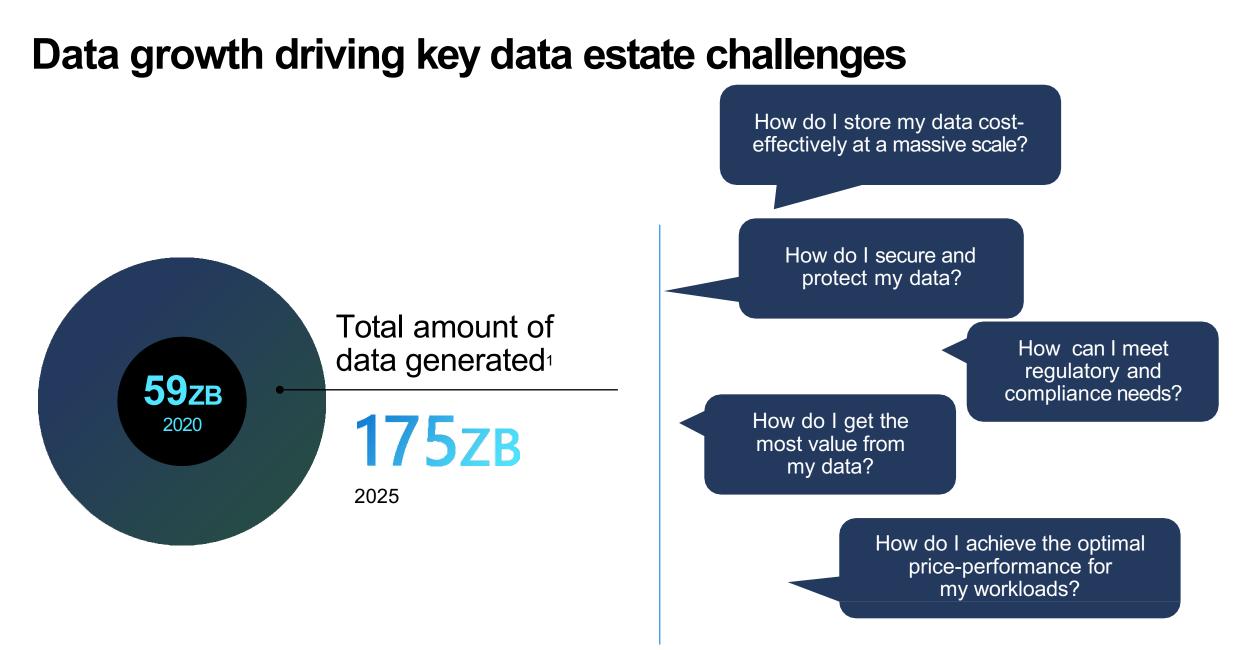
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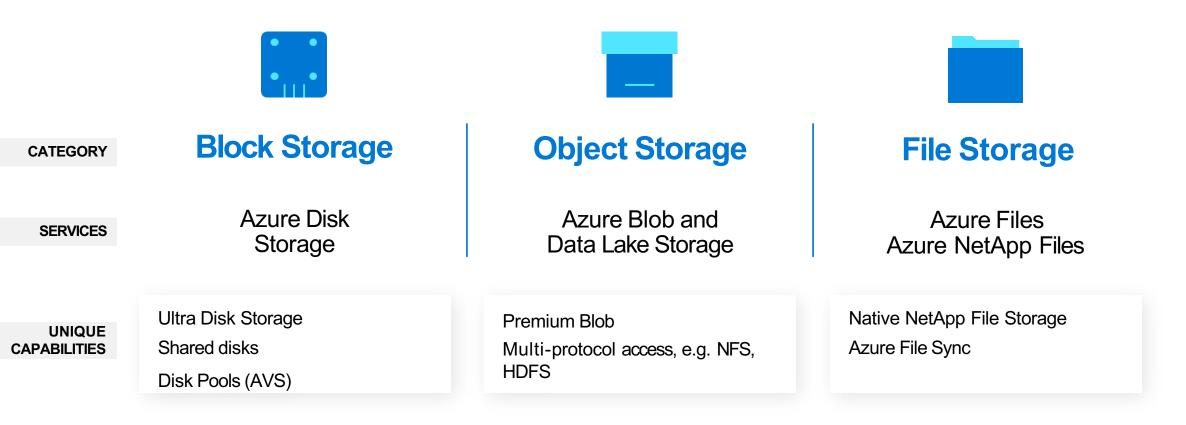
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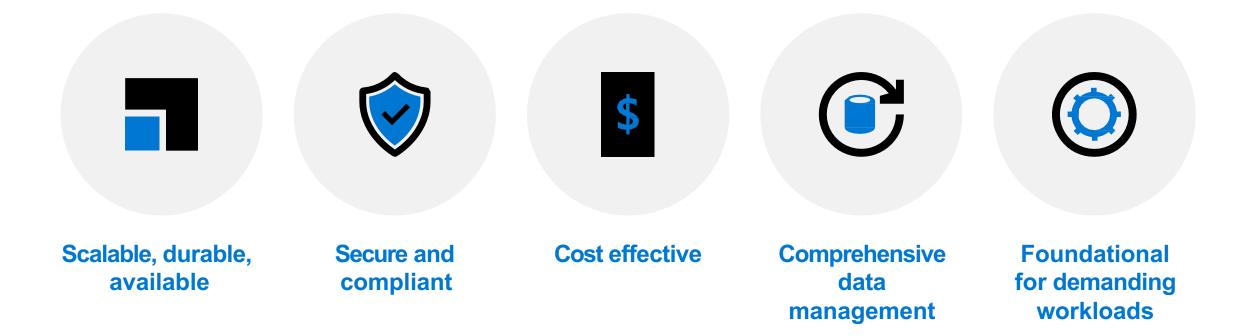
## **Azure Storage portfolio**

• Durable, Highly Available, Massively Scalable



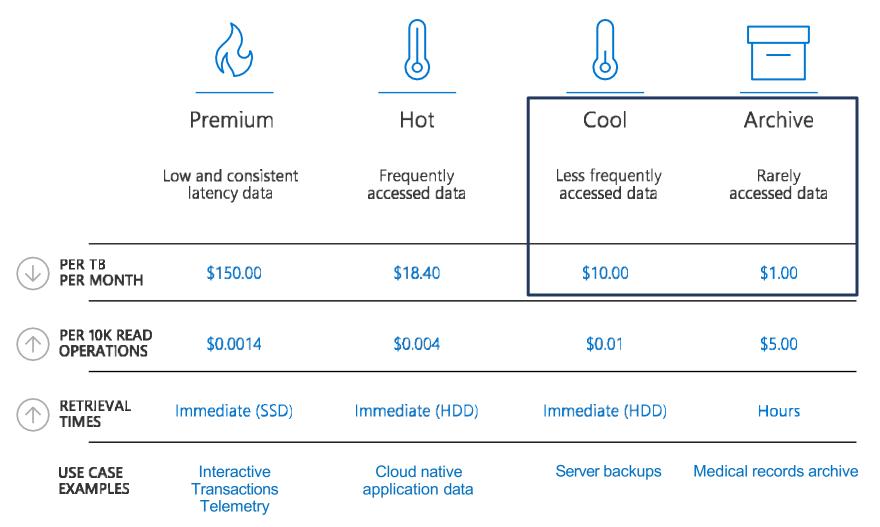
### **Azure Blob Storage**

Massively scalable and secure object storage for unstructured data



## Storing data cost-effectively in Azure

#### As low as \$1 per TB per month



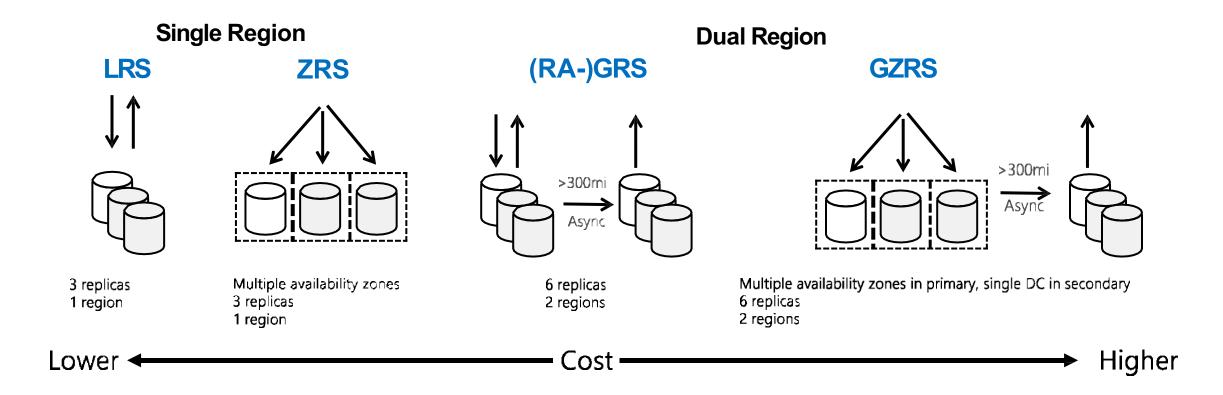
Choose between online Cool tier and offline Archive tier

No more management or migrations of storage hardware!

Save even more with **Reserved** capacity –

Up to 38% savings 100TB and 1PB pre-purchases for 1-3 years

## **Redundancy Options**







Application Development

### **Azure Storage**

# Enables key data workloads







Analytics

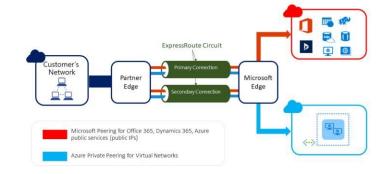


Machine Learning & AI

## Migrating PBs of Data to Azure







#### **Data Box Family**

### **Offline Media Import Services**

### **Network Ingest and Egress**

Data Box enables offline data transfer to Azure when the network isn't an option

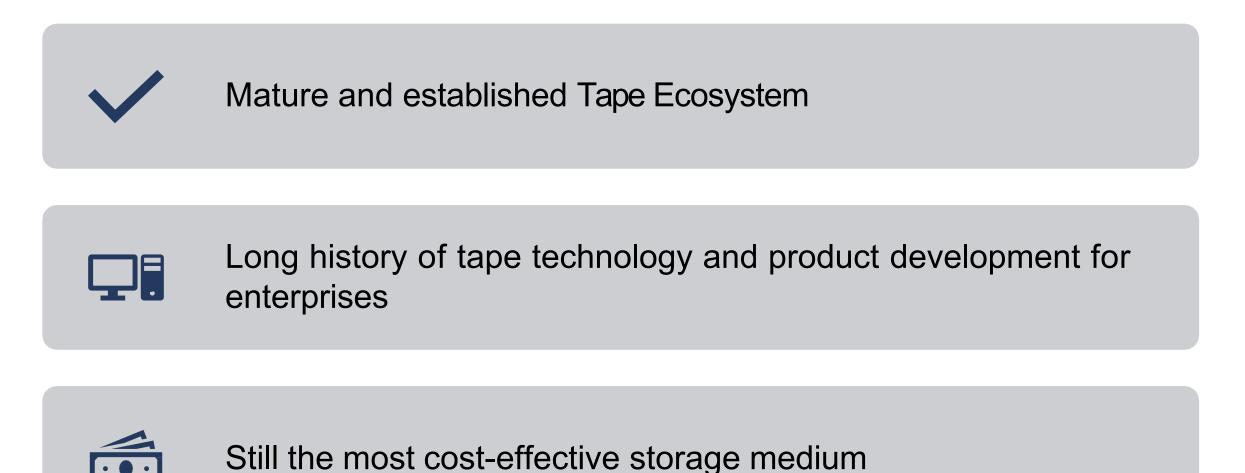
Data Box (100 TB)

Data Box Heavy (1 PB)

Our partners provide **fully managed services** to import tapes, optical drives, hard disks or film ExpressRoute provides a **secure**, **dedicated and high bandwidth link** for data ingestion into Azure Storage

Use <u>ExpressRoute Direct Local</u> for a fixed port fee per month and no per GB egress charges





Storage Devices Designed for Cloud

- Storage technologies like HDDs and SSDs have largely pivoted their innovation and products to design for Cloud Infrastructure
- Examples: Dual Actuator HDDs, QLC NAND Devices, SMR, ZNS and many more
- These innovations have enabled TCO improvement, garnered mindshare and increase wallet share of the Cloud Industry
- Expectations from TAPE Industry is to follow suit and enable products and technologies that are designed for the Cloud

## **Tape Storage – Opportunities**

- Better predictability and execution of product roadmap
- Innovate and Design products that can better Server Cloud Infrastructure
  - Technologies to improve Environmental Spec
  - Higher media densities
- Consistent improvement in tape
  drive throughput
- Reverse the shrinking TCO gap between Tape and HDDs





### **Questions?**



