

Your journey to the cloud



Gain access to new capabilities

Ensure proper planning

Strategically assess your needs



Are you...

Net new to the cloud or Azure?

Whether you're new to the cloud or new to Azure, Microsoft is focused on helping customers successfully move to the cloud. The compute and storage characteristics of the cloud environment—and matching these to the needs of the cloud workload—are critical aspects of a successful migration to public cloud environments.¹



New cloud customer

Capacity, throughput, latency, availability, security, durability

PLANNING



Moving from another environment

Breadth of Azure services, tools, and capabilities expedites migration



Are you...

Primarily on-premises and moving that first workload?

Want to stay primarily on-premises (for now) but interested in exploring the cloud? Moving Disaster Recovery sites to the cloud reduces the need for datacenter space, IT infrastructure, and IT resources. Microsoft Azure was the first public cloud to offer Disaster Recovery as a Service (DRaaS). Our experience enables straight forward infrastructure set-up that includes:



Disk encryption-enabled virtual machines



Highly durable and available storage



Support for cost-effective storage



Are you...

Determining how much to migrate, and when?

A key factor in choosing the right project or workload is identifying the right strategy for moving it to the cloud. If you have the proper alignment of business and IT stakeholders and migration readiness, consider a lift and shift.



Determine effect on operations workflow

Ask your IT team or app developers to determine if the move can be completed without redesigning the app or operations workflow



Carefully choose storage performance

Ensure your expected storage performance will meet users' on-premises experience—and then adoption is easy

Why Azure Disk Storage



Availability and Resiliency

99.9% SLA

Run mission and business-critical workloads, trusting the industry's best single-instance SLA of 99.9 percent for Azure Virtual Machines (VMs) with Premium SSDs and Ultra Disk Storage.

0% AFR

Azure offers an industry-leading 0 percent annualized failure rate (AFR).



Scale and Performance

HIGH-PERFORMANCE

Azure Ultra Disk Storage delivers high performance with sub-millisecond latency for your most demanding workloads - like SAP.

DYNAMIC SCALING

Azure Ultra Disk Storage provides dynamic scaling performance adjusting IOPS and throughput at runtime without detaching from the virtual machine, so no disruption.



Cost effectiveness

OPTIMIZATION

Optimize costs and get the precise storage you need by utilizing disk options—type, capacity, and performance characteristics.

PRICE-PERFORMANCE

Fine-tune performance characteristics to configure for baseline performance while handling unexpected traffic spikes with built-in bursting capabilities—and achieve cost savings.



Security

AUTO-ENCRYPTION

Extensive security and compliance capabilities including automatic encryption to help protect your data using Microsoft-managed keys or your own.

Get started

[Learn more](#) | [Documentation](#) | [Disk Storage Options](#)

¹ White paper "Meeting Diverse Storage Needs of Cloud Workloads: The Azure Disk Storage Portfolio"