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.

Primarily on-premises and moving that first workload?

When to move on-premises to the cloud? One reason is low-cost infrastructure resulting from the high fixed costs of on-premises infrastructure. In cloud environments, you can pay as you go, and you can adjust your spend on infrastructure up or down that includes:

- **Disk encryption-enabled virtual machines**
- **Highly durable and available storage**
- **Support for cost-effective storage**

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. Determine effect on operations workflow

Carefully choose storage performance

Ensure your expected storage performance will match your on-premises requirements, and then migration is easy.

Why Azure Disk Storage

- **99.9% SLA**
- **0% AFR**
- **High Performance**
- **Cost effectiveness**
- **Security**

**Availability and Resilience**

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

**Scale and Performance**

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**

Optimize costs and get the precise storage you need by utilizing disk options—type, capacity, and performance characteristics. Fine-tune performance characteristics to configure for baseline performance while handling unexpected traffic spikes with built-in bursting capabilities—and achieve cost savings.

**Security**

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

Gain access to new capabilities

Ensure proper planning

Strategically assess your needs

Are you...