

# Azure VMware Solution (AVS) Overview

## 1 What is Azure VMware Solution?

Azure VMware Solution (AVS) is a hybrid cloud service that enables seamless migration of on-premise VMware workloads to Microsoft Azure's cloud infrastructure. It leverages existing VMware tools and skills, integrates with Azure's advanced services (AI, storage, DevOps), and is fully managed by Microsoft, allowing businesses to focus on their applications.

## 2 Key Benefits

- **Cost Savings:**
  - Save up to 75% on Windows/SQL 2008 licensing costs.
  - Conserve up to 90% with Azure Hybrid Benefit.
  - Reduce infrastructure costs by up to 50% with reserved instances.
- **Seamless Migration:** Move workloads without re-architecting; use existing VMware expertise.
- **Security & Reliability:** 99.9% SLA, 3 years of free security updates for Windows/SQL 2008.
- **Flexibility:** Supports hybrid cloud, DevSecOps, and application modernization.
- **Simplified Management:** Unified tools and single Microsoft support.

## 3 Use Cases

- **Cloud Extension/Bursting:** Scale on-premise VMware environments to Azure for extra capacity or demand spikes.
- **Lift-and-Shift:** Migrate costly workloads to reduce costs.
- **App Modernization:** Update apps with microservices, DevOps, and containers.
- **Disaster Recovery:** Enable cloud-based backup and recovery.

- **Data Center Exit:** Transition from physical data centers.
- **Compliance:** Address regulatory needs and migrate end-of-life workloads (e.g., Windows/SQL 2008).

## 4 Visualizing AVS Benefits

A bar chart illustrates the percentage-based benefits of AVS:

