

Achieve hybrid cloud-led digital transformation with AVS

As digital transformation continues to be a business priority, most enterprises are looking at adopting a flexible hybrid infrastructure by shifting workloads from on-premises to cloud.

However, several challenges - including lack of expertise and standardized tools and unclear economic benefits - often hinder hybrid cloud adoption.

Eliminate digital transformation barriers with Azure VMware Solution (AVS)

AVS provides a distinctive mechanism for hybrid cloud adoption and seamless migration of VMware-virtualized workloads to the Microsoft Azure cloud platform.

It is a full VMware SDDC stack that consists of ESXi for compute, NSX-T for networking, vSAN for storage and HCX for workloads mobility. This runs on top of Azure bare metal dedicated infrastructure, thereby providing benefits of scale and regional diversity along with the native capabilities of Azure.

HCLTech framework for AVS



Explore and analyze
Assess, evaluate and analyze existing inventory to capture application dependencies



Design approach
Decide the right sizing, network, Service Level Agreement (SLA), backup and other parameters



Creation of move groups
Migrate applications along with their dependency servers



Analysis methodology
Onboard the team for creating the move groups



Migration
Use Express Route and other third-party validated integration tools

Key benefits

Due to zero refactoring, **42%** faster cloud migration and **86%** faster deployment of new compute and storage

Exponential savings on reserved instances

Built-in security and compliance

Extended security support for legacy windows and SQL server

Tightly coupled with Azure native and PaaS services

Upto **99.9%** SLA

Helps in quickly adopting environmental sustainability and carbon reduction best practices in operations

Use cases



Cloud extension and cloud bursting



Automation and agile infra with cloud capabilities

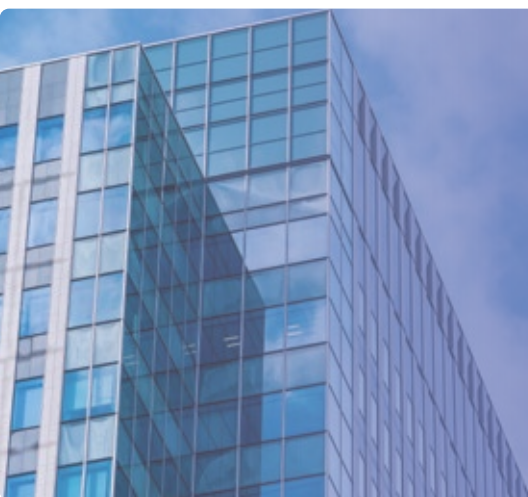


Application modernization leveraging microservices, DevOps and containers



Desktop virtualization in the cloud

Why HCLTech



- Leader in all analyst reports for cloud (IDC, Everest Group, ISG, Avasant and Gartner)
- Advanced specialization for AWS and VMware-validated design certified partner
- One of the first global system integrators to attain the solutions partner designation in the Microsoft Cloud partner program
- Extensive pool of Azure and VMware-certified, Microsoft-trained professionals

For more details, write to us at contact.hyc@hcltech.com.