

VMware Cloud on AWS

Quickly enable hybrid cloud computing



Demand for hybrid cloud computing is accelerating. Organizations are looking to adopt cloud but are faced with the daunting task of determining application compatibility with cloud technologies. They are looking to adopt a flexible computing model leveraging the cloud for data center expansion and disaster recovery without tying up resources in capital expenses and application refactoring. Organizations are also looking to leverage investments in existing technologies and resources while adopting cloud. Reskilling existing support resources is also a challenge as demand for cloud skillsets is in high demand and cloud capabilities are rapidly evolving.

Most virtualized workloads in existing organizations are running on VMware. As of 2018, VMware controlled an estimated 91% share of the virtualization infrastructure software market, per Gartner. Including vendors such as Microsoft, which bundle free virtual machine capabilities with other server offerings, we estimate VMware still owns 60%-75% of the market

Perspecta's VMware hybrid cloud services

Under Perspecta's Managed Service Provider program for VMware Cloud (VMC) on AWS, Perspecta has the ability to bring cloud experience and capabilities to organizations looking at cloud adoption.

Perspecta has leveraged our partner relationship with VMware to define this hybrid cloud offering as well as provide training, demonstrations and proof of

concepts leading to customer adoption. VMC on AWS provides a smooth adoption of cloud computing by extending the VMware virtualization capability into the AWS public cloud. This hybrid cloud offering will enable customers to:

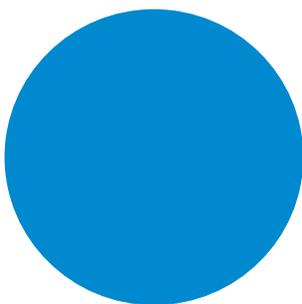
- Extend their on-premises virtualization into the cloud
- Provide on-demand scale up resources without hypervisor related capital expenses
- Provide disaster recovery capability without the need of a dedicated secondary/tertiary site
- Provide on-demand dev-ops capability that mirrors on-premises computing
- Leverage existing VMware skill sets without re-training

Results that matter

Perspecta is experienced in managing organization migrations to VMC on AWS enabling rapid cloud adoption. VMC on AWS quickly enables hybrid cloud computing without the costly time and investment in application refactoring or resource reskilling.

Organizations can use this service to elastically scale infrastructure, which reduces the complexity of capacity planning. Administrators can provision and terminate resources quickly, both to support workload demands and recover from hardware failures.

The service also has on-demand licensing that supports custom-sized VMs and runs any OS supported by VMware; additional security with IPsec virtual private network



Benefits

- Enable rapid cloud computing adoption
- Seamlessly migrate workloads to the cloud without refactoring
- Enable disaster recovery capabilities in the cloud reducing the need for dedicated DR sites
- Leverage flexible computing to expand and contract workloads as required and on demand
- Reduce licensing costs, as they are included for VMware as part of AWS' as-a-service offering
- Enable VMware vSAN storage capabilities to optimize scalability, security, performance and capacity efficiency

connectivity between on-premises and on AWS environments; and various, independently verified compliance certifications such as ISO 27001, ISO 27017, ISO 27018, SOC 1 (SSAE18 / ISAE 3402), SOC 2, SOC 3 and HIPAA. VMware Cloud on AWS complies with the General Data Protection Regulation (GDPR). VMware Cloud on AWS is also FedRAMP Moderate Ready.

Customers and partners already familiar with the VMware software-defined data center (SDDC), including vSphere, NSX, and vSAN, are able to easily extend their existing skills to provide a hybrid cloud solution with consistent infrastructure and a common management plane across environments.

Why Perspecta

Perspecta is one of the first public sector focused IT companies to become a managed service provider (MSP) for VMC on AWS. Perspecta has the experience in deployment and management of VMC on AWS that meets or exceeds public sector customers' requirements and standards. Perspecta's MSP agreement allows us to engage in alliance partner resources to assist in assessment and deployments to seamlessly enable the VMC on AWS service. Our decades of experience managing VMware workloads positions us to accurately assess and determine which workloads would benefit from the VMC on AWS service and reducing time-to-enablement and future time-to-market.