

Cloud Readies Indian Firms for Future Growth, Offering More Than Cost Benefits

More than just a way to lower operational costs, VMware Cloud on AWS with Sify enables Indian businesses to reshape their IT environment and readies them for future technologies.

WHITE PAPER

Cloud not only provides a way for Indian organisations to lower their operational costs, but also enables them to more quickly scale their infrastructure as their businesses grow and to deploy future technologies such as machine learning.

One of the leading financial service companies in India chose VMware Cloud on AWS with Sify Technologies as its partner in reshaping its IT environment, with the goal of no longer being held back by the limited capacity of its on-premises data centre.

Working with VMware preferred partner Sify, the firm addressed its need for a flexible infrastructure that scales as it adds new workloads. Its existing data centre was not running at optimal capacity and was operating on hardware due for a technology refresh.

The customer had realised earlier that it needed to move to the cloud to reengineer its IT infrastructure but was compelled to more quickly embrace the change when COVID-19 emerged and network accessibility became a major pain point.

With safe distancing measures in place, it had become difficult for the customer's team to manage its on-premises data centre infrastructure and resolve any hardware failures. The company's data centre was located in London while its disaster recovery site was in Singapore.

The customer's on-prem infrastructure was virtualised on VMware's vSphere 6.0, running more than 75 virtual machines at its London data centre and another 40 in Singapore.

Anitosh Halder, GTM Head DC & Hybrid Cloud at Sify, explains, "The customer was looking to exit its current data centre infrastructure and migrate to public cloud as soon as possible to avoid pouring any additional investments into their current on-premises environment."

A VMware Cloud on AWS solution was proposed because it allowed the customer to:

- Implement a rapid and low-risk migration
- Avoid the time-consuming conversion or rearchitecting of applications
- Maintain consistency with current operations
- Achieve greater scalability, availability and performance
- Gain cost-optimised, cross-platform disaster recovery capabilities
- Retain control over critical infrastructure



The customer initially had concerns about technical and compliance requirements related to the cloud migration. To alleviate such worries, Sify worked with the engineering team and demonstrated the technical advantages of running VMware Cloud and compliance management on AWS, encompassing Financial Services Authority document sign-off and data protection legislation.

All 75 instances from the customer's London facility were migrated to VMware Cloud on AWS, and the Singapore disaster recovery platform was set up at AWS's local site on EC2 instances. A secured tunnel was established between VMware Cloud on AWS in London and AWS in Singapore and configured to fulfil all of the customer's compliance requirements.

The migration took just four weeks to complete.

With the scalability and demand-based provisioning a cloud infrastructure supports, the customer also will be able to quickly deploy resources to facilitate technologies it may adopt in the future, such as machine learning and autonomous systems.

Anitosh notes, "Enterprises will not have to invest in new skills and resources for their infrastructure, as cloud is a future-ready platform. It also provides a cost-effective solution to address the size, scale and complexity of the architecture required by new technologies, empowering customers with the

agility, flexibility and scalability they need to adopt these future technologies."

To ensure the success of cloud migrations, Anitosh advises organisations against going with the cheapest service provider, as this may end up limiting their options. A better approach is to select a cloud provider with a hybrid multicloud infrastructure and associated capabilities supported by a comprehensive partner ecosystem, so they can easily move between cloud platforms and ensure application portability.



He also urges companies not to deploy cloud simply to resolve compliance requirements but to explore the full benefits of adopting a cloud strategy. These include the ability to deploy cloud-native technologies and demand-based resources, as well as easier workload management, ensuring faster time to market in dynamic market conditions and enabling new business models in the future.

Operating one of India's largest MPLS networks, Sify owns ten data centres and has another 48 interconnected data centres.

Sify Technologies, a Fortune 500 India company, is India's most comprehensive ICT service and solution provider, offering capabilities focused on cloud, data centre, networks, digital services, security and systems integration. Operating one of India's largest MPLS networks, Sify owns 10 data centres and has another 48 interconnected data centres. Its network spans more than 3,100 points of presence covering more than 1,600 cities. With its Cloud@core portfolio of services, Sify is helping customers achieve their digital goals with greater agility, flexibility and choice.

[Contact Sify](#) today to start your hybrid cloud journey with VMware Cloud on AWS.