



Digital transformation through Hybrid Cloud for a Big Four Accountancy & Consulting firm.

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Client profile

One of the Big Four accounting and consultancy firms, the client provides industry-leading audit, consulting, tax and advisory services to nearly 90% of the Fortune 500® and more than 7,000 private companies in India and abroad. The client's network of member firms spans more than 150 countries and territories.

The client is also one of India's largest GST Suvidha Providers, instrumental to the rollout of the Good and Services Tax (GST) framework in the country.

Summary

The need for a managed, secure, hybrid cloud comprising agile, robust and cost-effective IaaS & PaaS services

As a GST Suvidha Provider, the client's organization was entrusted with the critical task of providing a robust and secure web-based platform to provide GST services to Indian taxpayers.

The client needed a digital transformation provider to implement an agile, secure and managed hybrid cloud to deliver their GST services across India, while addressing cost and infrastructure concerns.

Working with the client, NTT created a robust, managed, on-demand hybrid cloud solution that provided the flexibility and agility of public cloud with the robustness and predictability of private cloud. This allowed the client to have a cost-effective solution that delivered much greater cost efficiency than the incumbent hyperscale public cloud service provider.

Challenge

Delivering a robust hybrid cloud within an aggressive timeframe.

After the introduction of the Good and Services Tax (GST) in India, the nodal agency (GSTN) authorized the client's organization as one of the GST Suvidha Providers (GSP) acting as enablers to ensure access and compliance to GST.

As a GSP, the client needed to deploy a convenient web-based platform to taxpayers and stakeholders for GST services. Identifying a global service provider with proven experience and expertise in ICT & Managed Services would be critical to meeting an aggressive service delivery timeframe.

NTT was chosen as the partner to deliver a hybrid cloud solution that comprises Cloud, Managed Services, Data Resiliency, Connectivity and Security.

Platform-delivered services

- SimpliCloud VMware on-demand public cloud services
- Colocation
- Managed Services
- Security Services
- Data backup & resiliency
- Internet bandwidth
- Cross Connect
- Hybrid Connect
- Intrusion Prevention
- Web Application Firewalls
- DDoS
- Antivirus
- Virtual firewall

Technologies

- Managed SimpliCloud (Vmware)
- SQL Database-as-a-service
- QRadar SIEM
- AppDynamics APMAS
- Commvault backup & restore

Transformation

A consultative approach to hybrid cloud deployment

The client partnered with NTT Global Data Centers and Cloud Infrastructure, India, to deploy and manage the hybrid cloud. NTT's solution-based approach in charting the client's journey to the cloud was instrumental in the client's decision to work with NTT for this mission-critical project.

Unlocking agility and performance through managed, secure, and on-demand hybrid cloud

After selecting SimpliCloud as their cloud platform of choice, the client was able to leverage NTT's platform-delivered services, such as DBaaS, network & security services and comprehensive IMS to meet their business objectives.

Their decision to proceed with SimpliCloud as the production platform for this mission-critical, high-profile service was rooted primarily in NTT's proven record in delivering an agile, robust, enterprise-grade public cloud service as well as the solution's ease and readiness of use. The availability of multiple SimpliCloud grids in India also contributed to the decision, as did the proven performance and cost-effectiveness of the platform. NTT's depth and breadth of managed services and security offerings provided the client with the confidence that they'd be able to confidently adopt new tools technologies when needed.

Leveraging the legacy in-house private cloud platform

NTT's platform-delivered Cloud, Managed Services and Security Services were integrated with the client's colocation environment to deliver an agile, robust, managed hybrid cloud that was secure by design and highly cost-effective.

Cost and operational efficiencies were key.

As a GSP, platform cost was a major concern for the client, as was the need to provision end-users in an agile and timely fashion. NTT quickly deployed a managed cloud environment that enabled client's in-house team needed to deploy the DevOps environment, test and then go live within the aggressive timeframe stipulated by the government. As an added benefit, NTT was able to provide significant cost savings on SQL DBaaS – which were a substantial cost component of the solution – as compared to the incumbent hyperscale cloud service provider.

Outcomes

Working with the client, NTT's service delivery teams were able to deploy within the stipulated timelines after rigorous application testing and fine-tuning, conducted jointly with the client.

As well as providing a significant reduction in existing cloud costs – we were able to reduce the client's significant DBaaS spend by 60%, for instance – the collaboration enabled the client to deliver high operating efficiencies, as well as take advantage of on-demand and automated provisioning of cloud infrastructure to consistently provide a high quality of service to their end-users.