UNITEDLAYER®

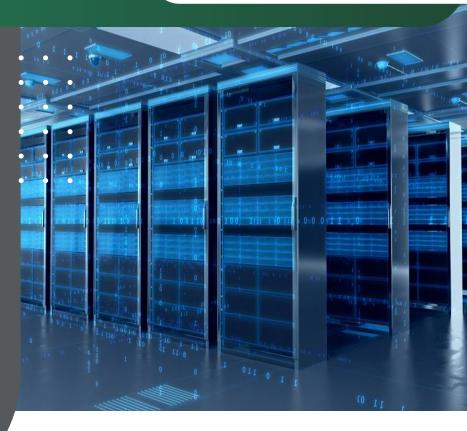# One Stop IaaS Solution For A Leading Software Testing Company

VM's, Operating Systems, Android and Mac Devices for complex application testing requirements

SOLUTIONS

- IaaS (Windows, Linux & Mac OS VMs), Kubernetes as a service, Mac Mini and Mac Pro as a service, Mobile as a service
- Configured a virtual environment and network for easy access along with infrastructure-as-service for management, configuration, and deployment of applications
- Unified monitoring and management platform for all assets (Unity)
- Expert and proven security frameworks for networking, virtualization, cybersecurity, DC infrastructures

CHALLENGES

- Reduce time to market?
- Reduce infrastructure sourcing and management efforts from a complex vendor ecosystem
- Reduce TCO of infrastructure
- How to manage different assets available on multiple platforms across the globe?
- DC consolidation across devices
- Autoscaling and reconfiguration on the fly
- End-to-end life cycle management of the assets

CUSTOMER BENEFITS

Global Scalability within weeks, a one-stop shop that provided consulting for deployment and integration. We delivered significant Capex to Opex advantages for the business Asset management across the entire infrastructure estate through a single pane of glass (UnityOneCloud). Customer support is available 24/7/365 with a minimum response time of 15 minutes.

CLIENT:

One of the leading providers of integrated software testing and automation platforms globally.

SERVICES:

Infrastructure as a Service, Kubernetes as a Service, Mobile as a Service, Network Management, Multicloud Management.

OVERVIEW

The client is one of the leading global providers of integrated software testing platforms that supports cross-browser testing across 3000+ browsers, devices, and OS. Operating its core business requires diverse VMs with different OS configurations to support various testing applications.

CHALLENGES

- They wanted a single shop service provider who can deliver all the required VM configurations to reduce the dependency on multiple providers
- With its wide variety of cloud resources spread over the globe, it faced challenges in managing different assets available in its infrastructure
- They also wanted DC consolidation across devices, spin-up autoscaling, and re-configuration on the go
- All the above challenges had to be addressed quickly and help them reduce the time to market

SOLUTIONS

One Vendor For All Infrastructure Requirements
The customer required a single solution provider for multiple VM configurations, and for the same, we delivered virtual machines with multiple OS configurations windows, Linux, Mac OS, Ubuntu, Debian, etc. As a part of application testing, customers needed to support various virtual mobile devices of multiple OS configurations, Android and Apple, to test in different environments; for this, we provided users with Mac mini and Mac Pro as a service and mobile device as a service (Android and Apple) so that the users can test their applications on multiple test environments seamlessly.

Low Latency Robust Network Connectivity
We also configured a robust network connectivity architecture for routing newly established VMs with existing VMs in play. As a part of the network as a service, we helped them achieve a high network flow rate by connecting and managing their multiple cloud resources and applications in a secure, tried-and-tested.

cost-effective manner to support smooth network flow ingestions in and out of the ecosystem. UnitedLayer experts developed algorithms for the client to support autoscaling and reconfigurations of VMs based on the traffic spikes in the customer's ecosystem.

Unified Management Platform
To manage all these disparate cloud systems and VMs that are present inside the customer's cloud ecosystem, we offered our in-house unified cloud management platform "UnityOneCloud," where we onboarded the customer's infrastructure (private cloud, public cloud, data center) into the tool and with this customer simplified their cloud management and got a unified view from a single pane of glass. The customer could view their private and public cloud resources, such as AWS, Azure, etc., from a common dashboard, which helped them analyze, measure, optimize their resources, and evaluate their monthly budgets.

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CUSTOMER BENEFITS:

- Reduced their dependency on multiple service providers since we fulfilled all their VM OS configurations on the go
- With our unified hybrid cloud management tool now, the customer no longer needed numerous tools for multiple purposes; since our tool UnityOneCloud fulfilled multiple purposes, it helped them cut down their spending on various other platforms, saving a lot of Opex costs
- We helped them save 30% of their savings. Since we delivered the solution to the client within weeks, they could quickly GTM with their strategies
- With autoscaling and reconfiguration setups, we helped them scale globally
- Throughout the phases, UnitedLayer's engineering team consulted and offered unmatchable customer support with expert solutions and frameworks on deployment, security, and integrations

UNITEDLAYER ADVANTAGE

At UnitedLayer, we put you on the fast track to growth and help you realize the full value of your investment in any Cloud Infrastructure Solutions. We design, build and manage Enterprise-Grade Colocation Solutions that meet the performance, security, and scalability to serve your unique business needs.

For more information about UnitedLayer, visit us online at https://www.unitedlayer.com

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