

# Leapfrogging into a trajectory of market leading growth with Hyperconverged Infrastructure

 **Case study**



## Customer background

The customer is a global Fortune 500 provider of risk management products and services headquartered in US. The company provides specialty and niche-market insurance products across diverse insurance sectors and operates in more than 20 countries.



## Challenges

The current IT reality was the biggest challenge facing the customer in aligning with its digital vision. The organization had a heterogeneous technology landscape with their main data center in the United States. Complex application landscape with fragmented on-premises, hybrid and public cloud footprints were impeding business agility and delaying the go-to-market of key products and services. Adding to it were the additional cost burden of managing large on-premise infrastructure.

Lack of right technology mix for a fully automatic infrastructure as code (IaC) private cloud offering had given rise to a monolithic architecture driven by manual and time-consuming processes. Absence of automation and orchestration for its huge on-premise environment led to excessive manual intervention and thus, large number of human

errors. This in turn reduced the product release velocity for business users. The customer wanted to simplify their existing network operations to support agile application development. Thus, creating a seamless network path to multi-cloud service delivery.

Lastly, all this led to proliferation of shadow IT, creating imbalanced on-premises infrastructure consumption, resource utilization and impacted chargeback.



## Solution

Zensar was onboarded as a trusted partner to help the customer realize its digital vision. Zensar did a comprehensive technology landscape analysis and enabled a fully orchestrated Infrastructure as Code (IaC) Model for customer's on-premises environment using its ZenCloud Reference Architecture and Nutanix Hyperconverged software defined technology. Zensar implemented a self-service based consumption model facilitated by predefined service catalogues automated through playbooks for business users of on-premises infrastructure to mimic the public cloud experience. The solution codified the infrastructure - empowering the IT teams to achieve the level of nimbleness and agility required to drive the business.

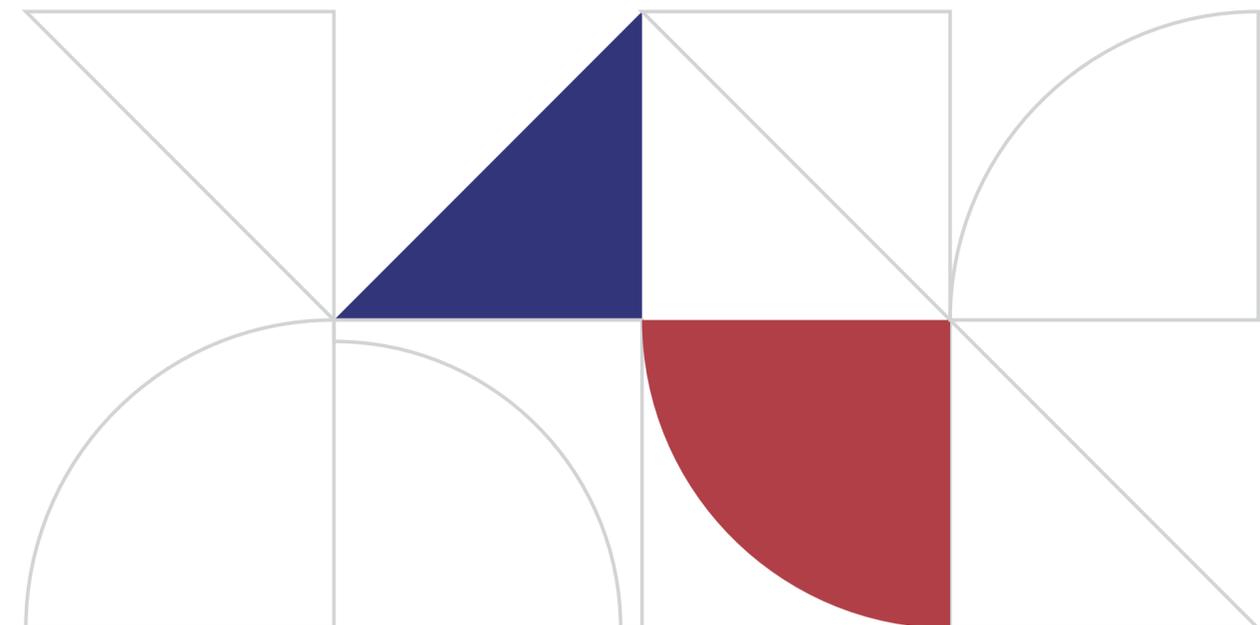
## Below were some key highlights of Zensar solution:

- Higher levels of availability and reliability through advanced monitoring with auto-discovery and inclusion of new instances into the database; auto-detection of issues and subsequent remediation through self-healing solutions.
- Data driven capacity planning coupled with IaC based auto-scaling of the environment to deliver a hyperscale experience for on-premises infrastructure.
- **TCO Analysis:** cost comparison between on-premises and Azure for each workload that needed to get provisioned.
- Discovery and dependency mapping that evaluated application requirements and programmatically provision the infrastructure, associated software and executes the ITSM integrations.
- Higher-speed ethernet, loss-less, line-rate programmable network for faster network service provisioning (for both on-premises and cloud).



## Impact

- Migration to Infrastructure as code enabled significant reduction in TCO which gave rise to 70% of savings in cost  
Near Zero touch operation of multi-cloud solution using Zensar's the Vinci™ AIOps platform.
- 2 times shorter provisioning time
- 4 times improvement in agility and time to market
- A highly available, resilient and scalable software defined architecture



# zensar

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