

The Sify cloud@core™ Strategy Next Generation Cloud



July 2020

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Next Generation Cloud Architectures

Efficiency with Simplicity

KEY BUSINESS BENEFITS

- Best of Breed Performance with hybrid cloud configurations
- Efficient Integrations with extended ecosystems
- Compliance with Data Sovereignty
- Business Continuity with Resilience
- Simplicity with Self Service
- Operational Efficiency with Reduced IT administration
- Cost reduction with on demand bursting to public clouds

The Emergence of Hybrid Multi Cloud Architecture

As organizations are constantly looking for riding the waves of innovation with the adoption of first-generation cloud services, the prevailing architectures did not completely answer the needs of their business-critical applications for compliance, performance and integration with ecosystems, not all of which could be migrated to the public cloud.

The availability of public cloud regions along with network transformation and the resulting *cloud adjacency* makes it possible to deploy applications in a *hybrid cloud architecture* that leverage the resources across the private and public clouds addressing several shortcomings of the first-generation clouds.

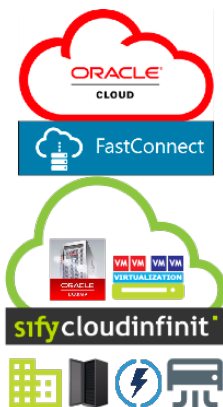
The *multi cloud architectures* emerged from the needs of business continuity and resiliency to begin with but have evolved into the more compelling opportunity to best leverage the unique capabilities of different platforms. The secure and performant *cloud interconnect* services have resulted in the adoption of *hybrid multi cloud architectures*.

cloud@core™ Strategy

Sify's cloud@core strategy helps customers realize *Efficiency with Simplicity* for selection and implementation of the best cloud footprint from the multitude of possibilities with hybrid multi cloud architectures.

Solution Configurations

- The CLOUD ENABLING Services – Data center and Network services that offer Cloud Adjacency is the fundamental building block for Hybrid Cloud implementations for Customer Owned Infrastructures
- CLOUD INSPIRED services offer enterprise applications as a service in the hosted private or multi-tenant models. Examples include Oracle Exadata and generic compute cloud on VMware 'Cloud Verified' architecture.
- The CLOUD NATIVE services help customers with cloud assessment, development of a migration strategy, implementation and migration of workloads on public clouds for the rehost (lift and shift)/re-platform (lift, tinker and shift) strategies.
- The CLOUD ENHANCED services are for companies motivated to go beyond implementing cloud native services



SERVICES AT A GLANCE



Hybrid Cloud Configurations – App and DB running together, separately or across Oracle Cloud and Sify Cloud



Near DR and Far DR either in Oracle Cloud or Sify Cloud



Migration and Implementation

- Oracle Apps (EBS) upgrade
 - o Technology Platform upgrade (DB / SOA)
 - o Infrastructure Migration to Cloud
 - o SaaS Implementation (HCM / SCM / EPM)



Oracle

- EBS Managed Services
 - o Functional Support
 - o Technical Support
 - o Apps and DBA Support
- Infrastructure Managed Services
 - o Exadata DB Machine
 - o Oracle Cloud Machine
 - o Backup and DR

The Sify Advantage – Efficient Hybrid Multi Cloud Cloud Adjacency to Hyperscale Providers

Sify offers colocation and enterprise cloud services in partnership with hyperscale clouds to provide VERY LOW to MINIMAL LATENCY access. This makes it possible to configure the most optimal hybrid clouds possible.

Experience of Managing Enterprise Workloads

Sify offers Dedicated or Shared environments to run Oracle Exadata, Azure Stack, SAP and Sify CloudInfini IaaS to run generic workloads on the VMWare 'Cloud Verified' architecture.

Carrier Neutrality and Network Connectivity

All Sify data centers are serviced by all major telecom carriers including the Sify WAN services. The Sify CloudConnect service provides network connectivity with FastConnect to Oracle Public Cloud, AWS Direct Connect, MS Azure Express Route and Partner Interconnect for Google. The Sify CloudCover DC-Interconnect service covers all Sify Data Centers with all other commercially operating data centers in India.

Resiliency Services

Sify has data centers in all major metro areas of India in different seismic zones and provide a highly resilient DR solution with near DR for synchronous writes and a far DR for asynchronous writes for different RPO/RTO objectives. The backup services can backup workloads from public cloud to private, private to private or private to public configurations.

Cloud Vision and Strategy

The fourth generation Sify CloudInfini-MultiCloud Management Platform supports all major clouds – Oracle, Azure, AWS, GCP and VMware. The CI-MCP integrates with best of breed tools to manage the full lifecycle of Cloud Assessment, Migration, Implementation, life cycle management and continual cost optimization.