

HyperCloud™: Holistic IT Management of Governance and Compliance

The speed and ease of cloud provisioning has led many organizational business units and cloud consumers to turn to the cloud without the approval of internal IT. Their rationale is that traditional IT provisioning led to long waits and delays, whereas they can procure public cloud resources within minutes.

Consequent IT *disintermediation*—removal of IT from the cloud procurement process—creates a growing ‘shadow IT.’ This condition can lead to an environment of security risks, disparate cloud technologies, and spiraling cloud costs.

Shadow IT adds cost, complexity, and security concerns

Advocates of shadow IT cite its flexibility and agility as benefits to business units; however, serious security issues can arise when employees use unpatched systems or unsanctioned technologies, as well as place unauthorized corporate data in the public cloud. Additional issues introduced by shadow IT include:

- » **Complexity.** Multiple cloud portfolios arise, spreading the use of unapproved software across the organization.
- » **Cost.** Lacking visibility, IT is unable to rationalize or govern cloud use; for example, under-utilized or unutilized instances left behind have a significant impact on cloud bills.
- » **Confusion.** Multiple toolsets may be performing the same task. IT is left with disparate pockets of innovation that grow exponentially if left unchecked.

Turn-key Governance Controls with HyperCloud

Simple and scalable, HyperCloud™ is the industry’s only multicloud management platform with integrated governance and control capabilities for secure management of cloud resources.

Using a single pane, HyperCloud enables IT to ensure compliance across all clouds. This compliance encompasses pre-defined workflows and policies, and extends from provisioning resources or blueprints via the enterprise store to resource decommissioning.

HyperCloud’s governance framework touches upon three key areas to help IT take back control of shadow IT and turn it into an asset. By overseeing and ensuring that the right people have access, and by enabling self-service, HyperCloud allows IT to deliver cloud resources on demand, without hindering productivity, across all major public and private clouds, including AWS, GCP, Azure, VMware, OpenStack, and others.



Benefits



Secure your cloud. Minimize the risk of data breaches



Empower DevOps. Provide flexibility through responsible adoption of the cloud



Achieve cost efficiencies. Completely eliminate cloud sprawl through automated policies



Enforce consistent policy adherence
Automate IT policies to enforce on all your cloud environments

The HyperCloud Approach



User Governance

Define and control who gains access to which resources.

- » Define roles and role hierarchies for separation of duties. Provide permissions for cloud and tenant administrator access, and for user access.
- » Enable only approved and hardened templates for self-service. The HyperCloud enterprise application library includes over 400 cloud-agnostic blueprints.
- » Automate approval workflows to selectively grant permission to resources or cloud providers.



Operational Governance

Ensure organizational accountability through visibility into user actions.

- » Enable automated alerts and audit trails for continuous monitoring. Generate tenant usage reports for any time period and export these to present to the business.
- » Use dashboards populated by real-time data to visualize cloud resource usage across the organization.
- » Present a single-pane view of all applications, workloads, compute resources, storage, and backups, across public and private clouds, for proactive cloud management.



Financial Governance

Accurately track and optimize your cloud spend.

- » Enforce hard or soft quota limits and entitlements as guardrails for cloud resource access. Establish granular entitlements for a fine-grained approach to resource allocations.
- » Assign cost profiles to blueprints for accurate, precise tracking of costs/consumption by line of business (LOB).
- » Implement showback or chargeback to encourage LOBs to make cost-effective cloud decisions.

Compliance Monitoring and Reporting For AWS

Track and monitor your AWS resources to ensure compliance with HyperCloud's compliance & security dashboard. This dashboard provides details in granular level on resources in use organization-wide and, the AWS config rules that apply. You can monitor these rules real-time and drill down to resources that are not compliant. Monitor and track user activity to resolve compliance issues immediately.

As DevOps launch new services on AWS, employ good cloud hygiene with resource tagging to ensure users stay compliant with your organizational policies. Proactively monitor to minimize risks.

Get Started Today.

Signup for a free 30 day trial at www.hypercloud.hypergrid.com.

Email us at info@hypergrid.com to get a free demo of HyperCloud™ or visit www.hypergrid.com to learn more about what we can do for you.

