CloudSphere

Actionable Insights for Cyber Asset Management

Establishing visibility into a company's Cyber Assets across on-premises assets, virtualized datacenters and multi-cloud environments has become one of the biggest challenges facing Enterprise IT groups this decade. Understanding the impact of making even small changes or misconfigurations on a cyber asset has become extremely time consuming and increasingly complex, leaving businesses exposed to risks that are essentially invisible to existing systems. Accelerated lift and shift migrations during the pandemic compounded this visibility problem as little was done to optimize cyber assets during the migration.

Once in the cloud, the typical enterprise now has hundreds of users with cloud access, often with minimal training on security and compliance. With so many different individuals making changes daily, cyber asset visibility has become exponentially more complicated. Previous approaches to solve the cyber asset visibility problem were built to scan from the bottom up, starting with infrastructure and compute resources, and trying to build a view that includes application workload dependencies and eventually business services. A business service in this model could be something simple like a website or online-shop, something a little more complicated like a reservation system for a car rental fleet, all the way to something as complex as an SAP ERP system. Providing the automation and intelligence to understand the cyber asset landscape at the business service level requires a new approach.

Platform Overview

CloudSphere's unique data science approach to hybrid and multi-cloud Cyber Asset Management provides the only solution that automates the discovery and creation of a top-down, graphical view of a company's cyber assets. Solutions for specific use cases around IT optimization and security are available with pricing that scales to accommodate companies of all sizes, from small SaaS companies all the way to industry giants with global reach. Context from the automated business service discovery is analyzed by a policy engine that allows real-time monitoring of the entire IT estate for optimization, compliance and security.

KEY BENEFITS

Accelerate Cloud Management with agentless discovery and automated business service graphing

Enforce corporate or industry compliance mandates with continuous monitoring for compliance against key industry standards like SOC2, PCI and HIPAA

Minimize cloud security exposure by controlling security posture with actionable alerts based on real-time risk context
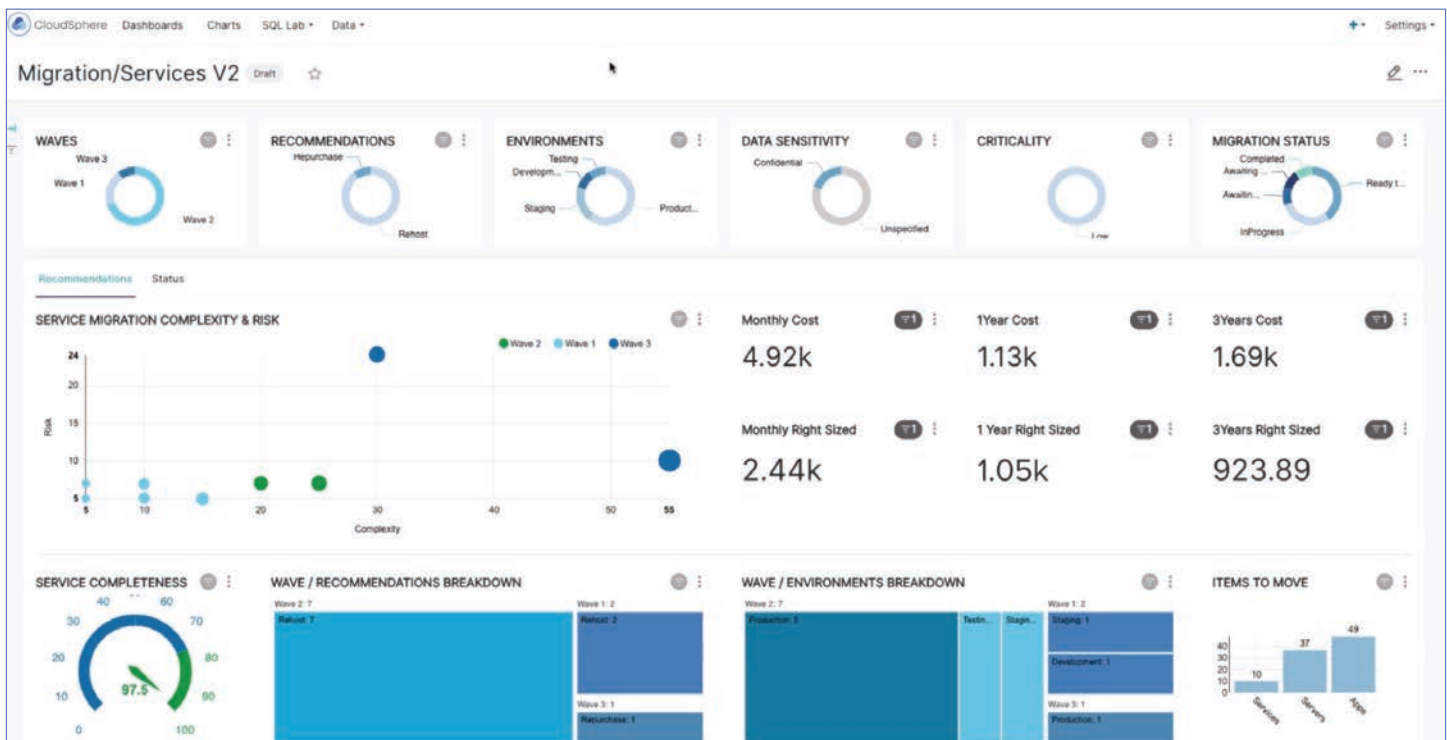
Reduce tool sprawl with a single, comprehensive platform that works on-premises and across AWS, Azure and GCP

Monitor your cyber assets in real-time with continuously updated dashboards that provide actionable insights for optimization, compliance and security

Accelerate Cloud Transformations, Reduce Migration Risk and Govern with Confidence

CloudSphere's automated software discovers and graphs even the most complex business services across hybrid environments without having to install agents. A key step in any cloud transformation plan is an analysis of the entire IT estate that shows your infrastructure, application workloads, business services and how they are all connected.
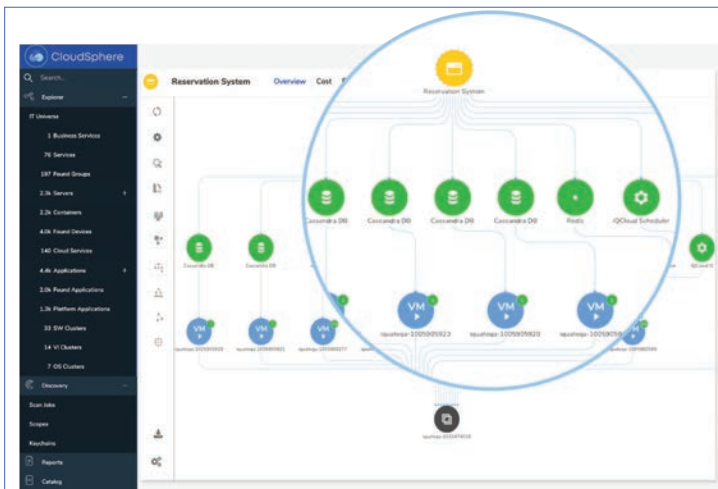
- **Accelerate migrations** with incredibly fast, agentless business service discovery and graphing
- **Minimize migration risk** with accurate cost planning and modernization recommendations
- **Improve cloud transformation ROI** by simplifying the migration of complex, high value business services

IT Optimization Starts with Cyber Asset Visibility

Gaining a clear understanding of where business services are running and how they interact with each other was previously a massive undertaking, relying on manual efforts that are quickly out of date as the new dynamic IT environments cycle through constant change. Understanding the impact of making changes to a cyber asset was extremely time consuming, leaving businesses hesitant to optimize their infrastructure for fear of disrupting legacy systems. With a clear dashboard view of Enterprise cyber assets, several important optimizations become possible.

- Optimize costs with utilization metrics and a multi-cloud cost database
- Reclaim abandoned and under-utilized resources
- Operate with confidence as auto-tagging continuously updates resource tags in dynamic cloud environments

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SECURITY POSTURE INSIGHTS

Reduce Risk with Actionable Cloud Security and Compliance Alerts

Public cloud users bear significant responsibilities in today's shared security model. Power users at cloud-centric companies need self-service access to the cloud in order to maintain agility, but providing that access magnifies risk without security governance guard rails in place. Our solution deploys in minutes and prevents misconfigurations with significant security and compliance consequences for the business. Problems like access sprawl and inconsistent policy frameworks across on-premises and multi-cloud environments make enforcing a least-privilege security model exceedingly difficult in the cloud without a security posture management solution in place.

- Identify misconfigurations and automatically prioritize risks to improve security posture

- Quickly discover vulnerabilities, malware and more with real-time inspection technology

- Easily inspect your entire cloud environment for compliance with corporate policies or out of the box reporting against key standards like SOC2, PCI and HIPAA

All of these security notifications and alerts are available for hybrid and multi-cloud environments and integrated with leading ticketing systems like ServiceNow and Jira help ensure critical issues are given the attention they need.

ACTIONABLE INSIGHTS FOR BUSINESS SERVICES

The common thread in all CloudSphere solutions is our approach to automating business service graphing and the ability to visualize complex data sets in actionable dashboards. This modern, data science approach discovers and collects all of the data points on infrastructure, compute, and application workloads that together define a busines service across on-prem, hybrid, and cloud environments. It then correlates these data points into a business service-centric view that provides a new way of managing complex hybrid and multi-cloud environments. With business service graphing, cloud migration planning is an order of magnitude faster and can easily be done in waves, each on a risk adjusted basis. The graphs also allow optimization before and after moving to the cloud. Similarly, security posture management can be enforced at a logical level that makes sense for IT Operations staff by looking at each critical business service in the cloud.

In the new era of public cloud ubiquity, cyber asset management is more important than ever. The complexity of public cloud service offerings and the emphasis on new service velocity has resulted in complex migrations and increased security and compliance risks. CloudSphere's cyber asset management solutions provide the guardrails needed to regain and maintain visibility and control in these hybrid and multi-cloud environments.

KEY DIFFERENTIATION

- The most advanced agentless cyber asset discovery for hybrid and multi-cloud environments

- The only platform with automated top-down business service graphing that saves countless personnel hours from error-prone spreadsheet analysis

- The only platform with a policy engine that works at the business service level to accelerate and simplify security and compliance monitoring

- A single platform with dashboards that visualize complex data sets for visibility, optimization and security across AWS, Azure and GCP dramatically reduces the number of tools required

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