Actionable Insights for Digital Transformation and Optimization

Cloud adoption continues to accelerate as enterprises increasingly look to migrate and modernize business services to take advantage of the scale and flexibility of the public cloud. As organizations progress in their digital transformations, creating an accurate view of their cyber assets on-premises and across multiple clouds has become increasingly complex and time consuming. The biggest challenge to successful migration planning and cloud optimization is often discovering the complete scope and web of interdependencies of a business service. This challenge is present whether the business service is 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. A cyber asset's complex web of dependencies must be carefully discovered and preserved in the migration to minimize business risk. Enterprises also struggle with continuous discovery, finding the ideal business service placement and ongoing optimization across a growing variety of public cloud options.

Planning all these migration and optimization elements successfully is often complicated by:

• Business service complexity, especially when working with legacy technology
• Lack of internal historical knowledge of the many business service and application level dependencies
• Overlooked costs and inaccurate TCO analysis
• New requirements to maintain security and compliance in the cloud

The CloudSphere Solution

A successful cyber asset management strategy begins with a clear vision and path to the cloud. CloudSphere's visibility into on-premises and hybrid environments enables organizations to plan multicloud migrations to AWS, Azure and Google Cloud Platform with speed, accuracy and optimization in mind. Our continuous scanning solution does not rely on deploying agents to discover and map the business service landscape, which dramatically accelerates the discovery process.

Whether on-premises or in the cloud, our Discovery and Optimization Insights module automates the generation of business service graphs and provides the insights needed to create an optimized cloud-readiness and migration assessment. This helps organizations reduce migration risk with even the most complex applications to improve migration ROI. Continuous discovery gives Enterprises a real time, visual understanding of their new cloud environment, so they can confidently begin managing and optimizing their new environments for factors including cost, software EOL concerns and reclaiming abandoned or under-utilized resources.

KEY BENEFITS

• **Accelerate migrations**
  with fast, agentless, discovery and automated business service graphing

• **Minimize migration risk**
  with automation that reduces human error in business service grouping and dependency mapping

• **Improve cloud transformation ROI**
  by simplifying the migration of complex, high value applications with game-changing visual dashboards

• **Operate with confidence**
  as auto-tagging continuously updates resource tags in the dynamic cloud environment

How it Works

1. Within hours of deploying our solution, the Discovery and Optimization Insights module will auto-generate complete business service topology maps with communication flows between compute, application workload and business service dependencies across on-premises and hybrid environments.

2. The collected data is then used to suggest right-sized application placements for the cloud, based on performance, usage and TCO analysis before migration.

3. CloudSphere allows organizations to compare costs of running applications and their underlying resources across AWS, Azure and GCP, enabling control of application placement down to specific regions with cloud instance performance and compliance benchmarking to ensure best suitability.

4. CloudSphere provides continuously updated dashboards that visualize detailed migration wave plans, optimize workload placement and reduce migration risk.
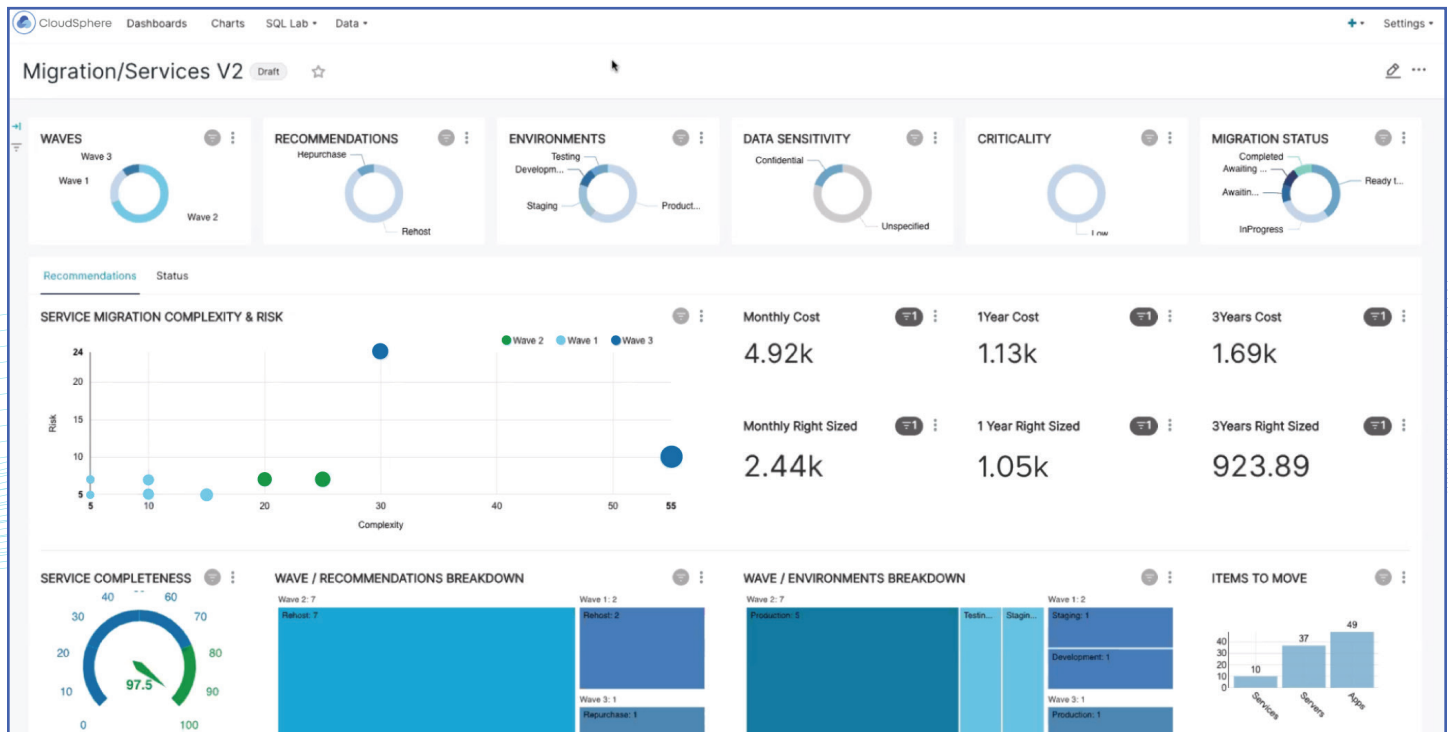
A Truly Differentiated Approach

Cloud migration and optimization challenges around cyber asset discovery and business service graphing don't need to be blocking issues when moving to the cloud. Taking the CloudSphere approach, enterprises can quickly move, modernize and optimize even complex business services with confidence.

As companies transition to managing their cloud environments, the automated business service graphs created during migration planning form the basis for a truly differentiated approach when using the CloudSphere platform for ongoing multi-cloud optimization, governance, and security.

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