

## Taking Advantage of the Scale, Flexibility, and Services in the Public Cloud

Cloud adoption continues to be a driving force for many enterprises and service providers as they look to migrate and modernize applications to take advantage of the scale, flexibility, and services in the public cloud. As organizations look to modernize more complex applications and legacy architecture, creating an accurate roadmap and plan for migrating to the cloud can prove difficult.

One of the biggest challenges to successful planning and migrations is determining what applications should move, their ideal placement in cloud environments, and the cost of migrating and managing them once in the cloud.

Planning those elements successfully is often deterred by:

- Application complexity, especially supported by legacy technology
- Lack of knowledge internally and externally of application dependencies
- Overlooked costs and inaccurate TCO analysis
- Multiple toolsets with disparate data sources
- Security and compliance issues from shadow IT sources and dependencies
- Technical debt from lift and shift or inaccurate application refactoring

## The CloudSphere Solution

A successful cloud migration strategy begins with a clear vision and path to the cloud. CloudSphere brings visibility into hybrid applications that enables organizations to plan multi-cloud migrations to AWS, Azure, and Google Cloud Platform with speed, accuracy, and optimization in mind. Our solution uses Application Intelligence to agentlessly discover and map the application landscape whether on-premises or in the cloud, to generate the data and insights needed to right-size workloads and generate a cloud-readiness and migration recommendation assessment. This helps organizations migrate faster and begin managing their day-2 operations in the cloud at the application layer with optimized cost, performance, usage, and security in mind.

### KEY BENEFITS

#### Automated Application Mapping

Automatically see both upstream and downstream views of applications, infrastructure, and their dependencies. No manual mapping required.

#### Agentless

No need to install agents on target devices and zero impact to the datacenter. Get full coverage from legacy OS versions to modern technology stacks.

#### Broad Instance Support

Linux, windows, physical, virtual, containers, cloud native, AIX, HP-UX

#### Scalable SaaS

For hybrid environments with up to 100K+ servers

#### Hybrid Ready

Full-stack discovery from service to compute layers covering on-premises, private cloud, public cloud, virtualization, clustering, and container technology

## How it Works

1. Within hours of deploying our agentless discovery, CloudSphere will generate complete application service topology maps with communication flows between compute and software dependencies across on-premise and hybrid environments.
2. The collected data is then used to right-size applications for cloud, based on performance, metrics, usage, and TCO analysis to optimize before migration
3. CloudSphere allows organisations to compare costs of running whole applications and underlying resources across all major cloud providers. Enabling control of application placement down to specific regions with cloud instance performance and compliance benchmarking to ensure best suitability.
4. CloudSphere outputs a cloud readiness and migration recommendation based on the Gartner 5Rs, risk and complexity, and cloud suitability.

## A Truly Differentiated Approach

Cloud migration challenges around application discovery and dependency mapping don't need to be blocking issues when moving to the cloud. Taking the CloudSphere approach with agentless discovery and Application Intelligence, enterprises can quickly move, modernize, and optimize even complex applications with confidence.

As companies transition to managing these applications in the cloud, the unique database of application information discovered during the migration planning forms the basis for a truly differentiated approach when using the CloudSphere platform for multi-cloud governance.

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