Cloud visibility and cost optimization
A capability of ignio AIOps

Challenges

By 2025, 51% of IT spending in application software, infrastructure software, business process services, and system infrastructure will have shifted from traditional solutions to the public cloud, compared to 41% in 2022 (Gartner). Organizations want to shift from CapEx to the OpEx model offered by most cloud service providers.

Complexities of multi-cloud, cloud sprawl, and spiraling costs

To leverage the best set of capabilities and services across the board (AWS, Azure, and GCP), organizations tend to adopt a multi-cloud strategy. It prevents single-vendor lock-ins and distributes the risk. But it requires a good pool of talented cloud specialists, which are in high demand and short supply.

Furthermore, multi-cloud brings challenges of data security, governance, and control. Teams lose sight of budgets and struggle to balance costs against performance leading to rampant cloud sprawl. Spotting anomalies and plugging vulnerabilities are also challenges. And lack of visibility into cloud resources makes it difficult to track migration projects.

Cloud visibility and cost optimization

Digitate’s ignio AIOps comes with a vendor-agnostic cloud visibility and cost optimization capability with a single-pane view of multi-cloud environments, cloud cost optimization, and autonomous life-cycle operations for better visibility, control, and lower cloud bills. It is built using the FinOps cloud financial management principles to achieve real-time cloud cost optimization. It offers multi-cloud cost visibility and enables you to discover cloud spending patterns, identify areas of improvement, and act on them to realize better value from your cloud investments.
AIOps for better cloud visibility and cost optimization

**Cloud console**
A single comprehensive management console for Azure and AWS cloud environments.

**Autonomous lifecycle operations**
500+ SOs for lifecycle operations covering provisioning, user management, health checks, event management, compliance, and more. AIOps and intelligent automation for noise, alerts, events, and incident management.

**Cost optimization**
Identify under-utilized or wasteful resources and gain actionable right-sizing recommendations for cloud resources.

**Budgeting**
Set cloud budgets, thresholds, and real-time alerts to prevent cost overruns.

**Cloud discovery and mapping**
Map infrastructure resources across IaaS, PaaS, and containers. Discover VMs, disks, databases, load balancers, virtual networks, and non-native entities. Visualize entity relationships and metadata by region, vendor, service type, business units, and more.

**Spend anomaly detection**
Identify patterns and spot anomalies in cloud spends for real-time decision making.

**Cost allocation (tagging)**
Get visibility into top spending areas, detect and report missing tags, and set user-defined tags for cloud resources for accurate chargeback and showback.

**Cost visibility**
Watch real-time cost trend analysis, view actual costs against set thresholds over a specific period. Get insights on actions, alerts and view potential and realized savings.

**Automated actions**
Take automated actions to fix anomalies, provision or remove cloud resources, or act on optimization recommendations. View all actions performed with details on the action center.

**BENEFITS**
- **Improved multi-cloud visibility and governance:** Comprehensive understanding of the usage of cloud resources and services across vendors, geographies, technologies, applications, or platforms.
- **Improved cloud cost accountability:** Proper resource tagging offers visibility into unit-level expenses across multi-cloud environments. Easily trace costs and usage back to specific teams, business units, or locations.
- **Optimized cloud costs and sprawl:** Less idle and orphaned cloud resources. Identify and eliminate cloud waste through right-sizing resources or architectural changes.
- **Better budget control:** Avoid budget breaches with timely alerts and get accurate insights into budget variance.
- **Proactive and automated cloud lifecycle operations:** Minimize service disruptions for scheduled upgrades and patching. Less downtime and MTTR. Free up resources and assets by automating repetitive/routine tasks.

Digitate is a leading software provider bringing agility, assurance, and resiliency to IT and business operations. ignio™, an award-winning AIOps platform, reimagines enterprise IT and business landscape with its unique and innovative closed-loop approach that combines context, insights, and intelligent automation to autonomously resolve and prevent issues. ignio’s customers span across industry verticals and include large, global enterprises that are leaders and innovators in their respective industries. Digitate is headquartered in Santa Clara, California, USA and Pune, India.

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