Product Brief

Orchestral CloudOps

Intelligent Cloud Optimization

In today's digital transformation era, businesses face a critical challenge: skyrocketing cloud costs across multiple providers. Gartner predicts that through 2024, 60% of infrastructure and operations leaders will encounter public cloud cost overruns, negatively impacting on-premises budgets and business bottom lines. Enter Orchestral CloudOps, a powerful multi-cloud management solution built on the Orchestral platform. CloudOps empowers businesses to tackle multi-cloud cost management head-on, providing real-time visibility, intelligent recommendations, and automated cost optimization capabilities.

Key Features and Benefits

Real-time visibility

CloudOps offers a centralized dashboard with a unified view of your multi-cloud environment. AI-driven insights and real-time monitoring allow you to track resource utilization, identify idle instances, and make informed decisions.

Intelligent Resource Scheduling

Set smart schedules for your resources based on usage patterns. CloudOps automatically starts and stops instances, ensuring availability when needed and cost savings during off-peak hours.

Proactive Capacity Management

Leverage AI-powered recommendations for cloud capacity utilization over time, ensuring optimal budgeting for cloud resources.

Correct Provisioning

CloudOps helps provision resources with the right size and type based on workload requirements. It recommends reserved instances for predictable workloads and dynamic instances for variable demands, optimizing both performance and cost.

Continuous Cost Optimization

The solution analyzes resource utilization and provides actionable insights for cost optimization. It identifies idle resources, suggests rightsizing opportunities, and recommends cost-effective allocation strategies to maximize cloud ROI.

Automated Resource Management

Leveraging Orchestral Composer's event-driven automation capabilities, CloudOps automates repetitive tasks, scales resources based on demand, enforces governance policies, and takes corrective actions in real-time

Advanced Capabilities

- **AI-Driven Recommendations:** CloudOps utilizes AI to provide real-time recommendations based on current and historical performance metrics, suggesting optimal scheduling, provisioning, and cost optimization strategies.

- **Tag-Based Resource Management:** Categorize and manage resources using tags based on business units, environments, or other criteria, enabling granular cost tracking, governance, and automation.

- **Resource State Tracking:** A robust system stores resource states in the ComposerDB database, enabling precise analysis, intelligent recommendations, and data-driven decision-making for optimizing resource utilization and costs.

- **Cost Optimization Dashboard:** Comprehensive view of cloud costs and optimization opportunities, offering AI-driven recommendations, cost breakdowns, and trending analysis.

- **Behavioral Analysis and Capacity Planning:** CloudOps analyzes cloud instance behavior and provides recommendations based on usage patterns. It suggests automated scheduling for predictable workloads and uses Transformer models for accurate capacity planning.

Why Choose Orchestral CloudOps?

- **AI-powered insights and automation**

- **Multi-cloud support with plans for expansion**

- **Comprehensive cost optimization and resource management**

- **Proven results with significant cost savings**

- **Built on the robust Orchestral platform**

Embrace the future of intelligent multi-cloud management with Orchestral CloudOps. Contact Orchestral.ai today for a demo and to learn more and embark on your journey towards cloud optimization excellence

Case Study: Global Financial Services Firm

A Fortune 500 company implemented CloudOps to address challenges in managing its extensive AWS infrastructure. Within six months, the company achieved:

- 30% reduction in AWS costs
- Automated tagging of AWS resources
- AI-driven recommendations for right-sizing EC2 instances
- Intelligent resource scheduling
- Automated EC2 lifecycle management
- Continuous analysis of resource utilization

> CloudOps has revolutionized our AWS cost management. The automated tagging and AI-powered recommendations have given us unprecedented visibility into our costs. The intelligent resource scheduling and EC2 lifecycle management have optimized our resource utilization, resulting in significant savings. CloudOps has become an integral part of our AWS optimization strategy.
>
> - CloudOps Lead, Office of the CIO