

**CLOUDFORTE®
HYBRID AND
MULTI-CLOUD
MANAGEMENT**

CloudForte®



ACCELERATE YOUR TIME TO MARKET

UNISYS | Securing Your
Tomorrow®

Gartner predicts that by the end of 2021, “75% of organizations will have adopted a multi-cloud and/or hybrid IT strategy”¹ The list of benefits are multiple – these cloud models offer all the benefits of the cloud but most importantly they help organizations benefit from the best-of-breed capabilities.

However, every major change in how you conduct your business comes with significant challenges. The most common challenges, in this hybrid and multi-cloud world are delivering to the business the services they need, when they need it and managing many disparate cloud environments. As you reflect on your situation, you may realize that your developers are frustrated that they can't get a cloud instance provisioned fast enough for them, and more often than not, your speed to market is much slower than you envisioned it when adopting a hybrid/multi cloud strategy.

To compound that, as you look deeper, you realize that every cloud provider has their own set of dashboards and tools. The cloud providers lack integration between on-premise tools and off-premise tools. Your team needs to learn numerous tools. And it's difficult to manage SLA's, capacity, cost, security and governance – just to name a few. This is just a tip of the iceberg.

Hybrid and Multi-Cloud Require New Tools, Services, Expertise, and Governance

With all their advantages, hybrid and multi-cloud infrastructures have four main challenges to overcome:

1. Each vendor platform has its unique services and capabilities, making it difficult to monitor, manage, and provision resources consistently across on-premises, private, and public multi-cloud. On premises tools may not work for the cloud and vice-versa.
2. Similarly, security, permissions, policies and authentications may differ among cloud providers and on-premises solutions, complicating organization-wide security and compliance management.
3. Application lifecycles across on-prem, hybrid, and multi-cloud may differ greatly, frustrating rapid legacy migration, application development, maintenance, and reliability across environments.
4. Costs and cloud sprawl can spiral out of control without proper, centralized visibility, oversight, and governance.

Further complicating hybrid and multi-cloud is the shortage of in-house talent and expertise to bring it all together in one secure, compliant, well-orchestrated, and governed system.

¹ Gartner's IT Automation Predictions for 2020. <https://info.advsyscon.com/it-automation-blog/gartner-it-automation>

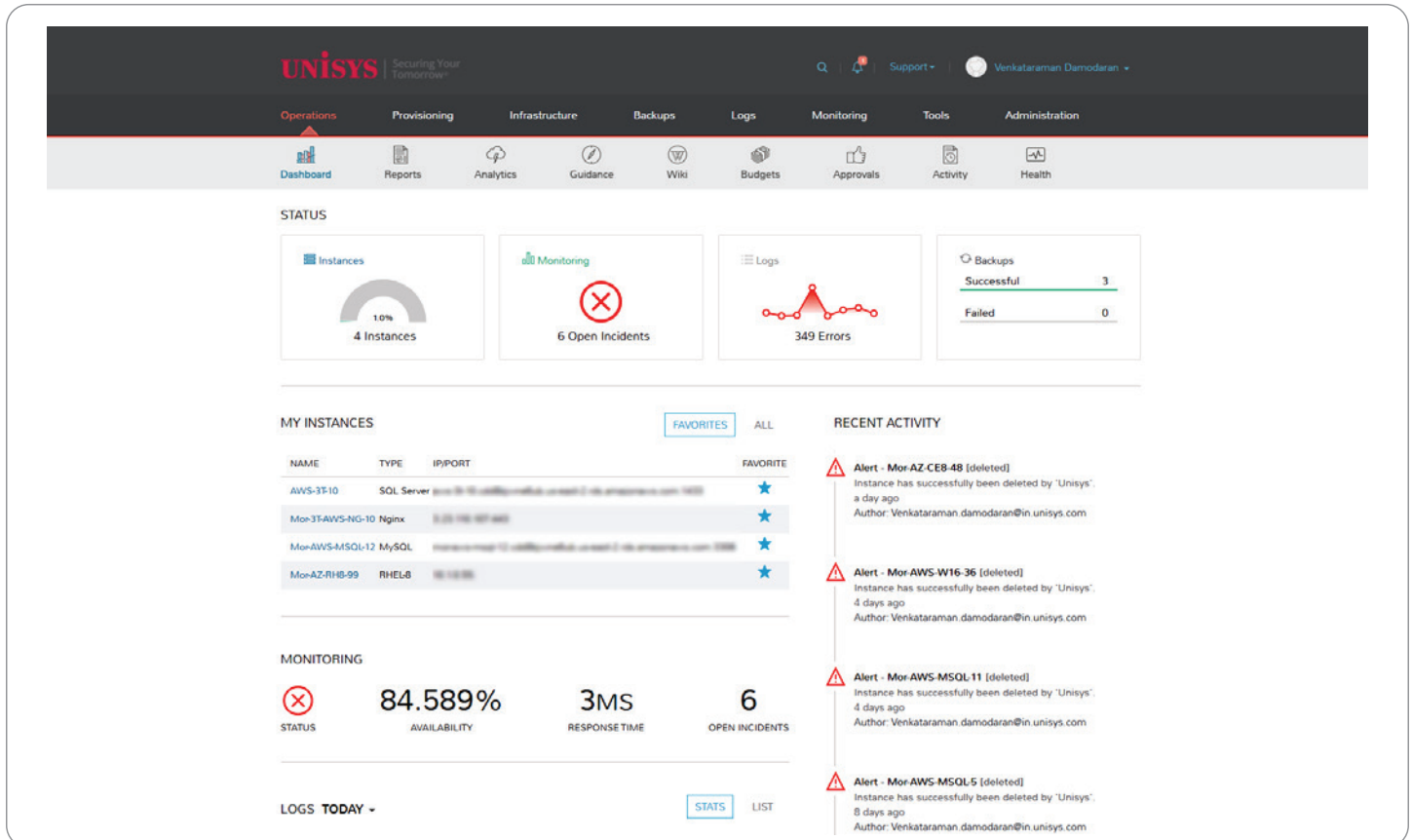


Figure 1: CloudForte Management Dashboard

CloudForte Management: Reduce Your Time to Market Throughout the Lifecycle

CloudForte® Management™ helps you accelerate your time to market. It enables developer self-service throughout the lifecycle powered by governance, automation, production, and analytics. With a click of a button you can create a blueprint to provision a server on Azure, AWS, Google, or VMware cloud. Here's how it can benefit you:

- **Faster Time to Have a Full Cloud Environment**

Operational: provides reference architecture that includes the complete lifecycle powered by self-service. Patch, monitor, secure, and get backups of your hybrid, and multi-cloud environment through a single unified dashboard. You get automation libraries, and landing zones to help you instantiate any resource on any cloud with a click of a button.

- **Rapid Provisioning:** enables application developers to get the environment they need fast and securely, whether in the hybrid or multi cloud space – It supports both on-premise and off-premise.

- **Accelerated Time to Market:** gets the applications into production faster. This reduces your time to market thereby ensuring your business realizes the benefits faster.

CloudForte Centralized Management Use Cases

Regardless of your on-premises, hybrid and multi-cloud vendors, apps, and tools, CloudForte centralized management and expertise are there to pull all the disparate pieces together for a more unified, flexible, and complimentary environment. Here are a few uses for CloudForte Management Platform:

Automation. On-boarding and permissions, bare-metal provisioning, landing zones, DevOps environments, cost analysis, and many other common tasks are automated or just a click away in the centralized console.

Management and Governance. Deploy and manage workloads, access, budgets, security and compliance across clouds – on-premises or off-premises. Monitor security, backup, compliance, and disaster recovery across hybrid and multi-cloud environments.

Life Cycle Management. From inception through retirement, give authorized users secure access to manage their environments, while maintaining extensive analytics of costs and usage over time.

DevSecOps Acceleration for the Cloud and Apps. Enables CI/CD driven DevSecOps by enabling Apps and Infrastructure Developers to get the environment they need through APIs. CI/CD enable your workloads with analytics. Faster for Infra/ Apps to go to production, cover the old and new.

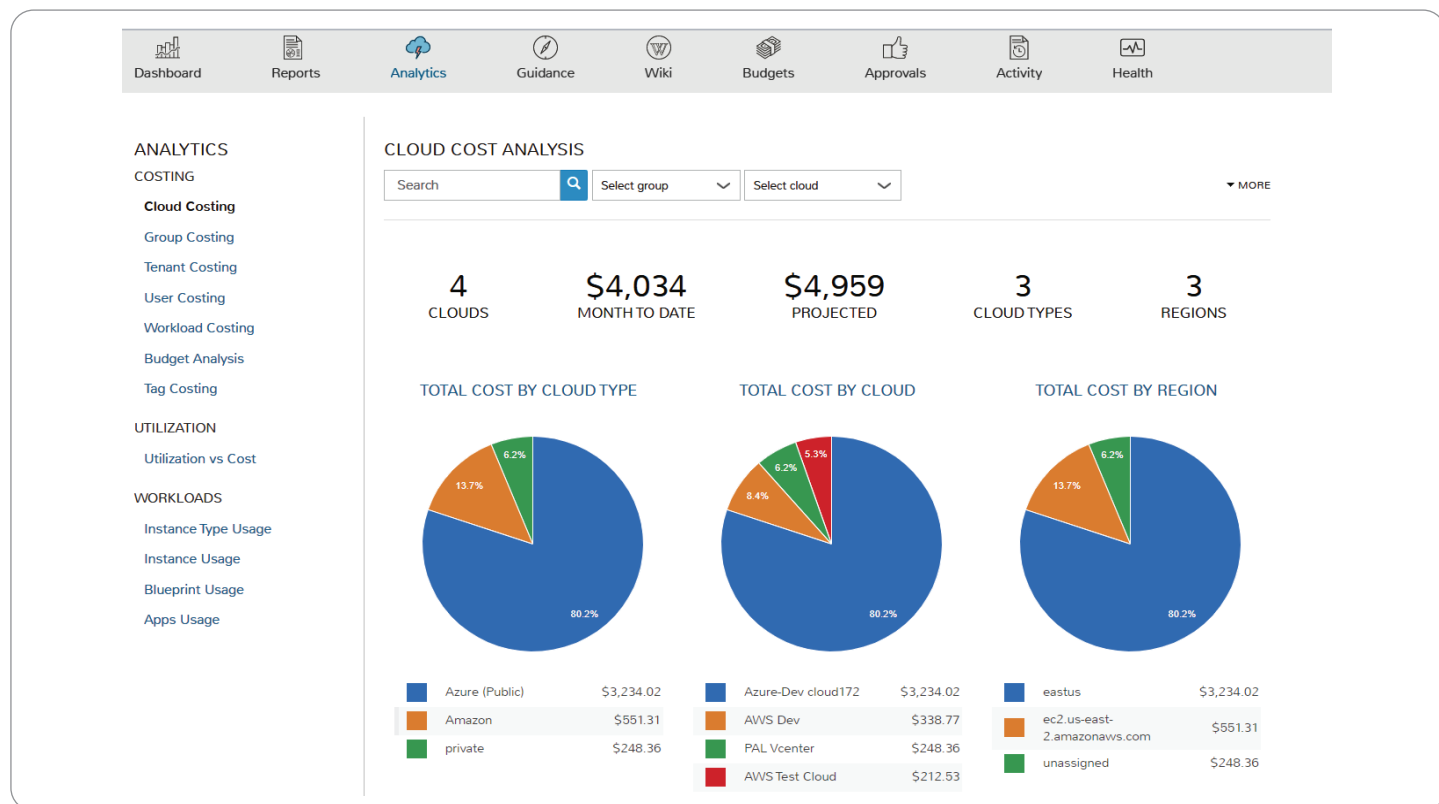


Figure 2: CloudForte Management Analytics (Cloud Cost Analysis)

Hybrid and Multi-Cloud Management Use Cases

Leverage Unisys' multi-vendor expertise in designing, deploying, and managing hybrid and multi-cloud infrastructures and services that best support each of your specific needs across business units. Yet realize true multi-and hybrid cloud management, governance, and automated operations.

Provisioning and Orchestration. CloudForte Services can accelerate cloud adoption by delivering proven migration and deployment blueprints for the leading cloud platforms (AWS and Azure). CloudForte Services helps organizations construct pre-approved self-service catalogs for rapid deployment of cloud services whenever needed through the Management Platform, automating provisioning and deployment for a fast response.

Cloud Service Brokering. Deploying and managing cloud services and spending across disparate locations and divisions is time-consuming and difficult to standardize. With CloudForte Management, manage and monitor your hybrid, and multi-cloud environment through a single unified dashboard.

Cloud Governance. Consolidate all your cloud under one set of policies and approvals—regardless of vendor or locations—yet make cloud easily accessible.

Cloud Resource Management with Guidance. Performance monitoring, including resource usage and costs, are just a click away - control permissions, capacity, load balancing, and quality of service from one location across all clouds. Receive guidance on abandoned instances or wasted resources and immediately shutdown unused services.

DevSecOps Acceleration for the Cloud and Apps. Enables CI/CD driven DevSecOps by enabling Apps and Infrastructure Developers to get the environment they need through APIs. CI/CD enable your workloads with analytics. Faster for Infra/ Apps to go to production, cover the old and new.

Support your developers throughout the self-service lifecycle with governance, automation, production, and analytics. Empower them with automation libraries, and landing zones so you can instantiate any resource on any cloud with a click of a button. Get the environment they need fast and securely and accelerate your time to market with CloudForte Management.

Realize the benefits of hybrid and multi-cloud, minus the challenges.

Visit [unisys.com/CloudForte](https://www.unisys.com/CloudForte)



For more information visit www.unisys.com

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