

Monash University Optimizes AWS Spend with CloudBolt Cost & Security Management Platform

With a substantial number of corporate and academic environments moving to Amazon Web Services (AWS), Monash needed a way to optimize its AWS Cloud Management for a wide variety of users on a massive scale. It chose the CloudBolt Cost & Security Management Platform (CSMP) for drag-and-drop, full-stack AWS provisioning, governance, and automation.

Monash University Takes Higher Education to the Cloud.

What does digital transformation look like for higher education? Imagine a world where smart campuses analyze student habits to optimize network access and schedule classes. Where heating, cooling, and power are controlled not by people but by data. Australia's Monash University is doing all of this and more with a visionary cloud-only IT strategy enabled by CloudBolt CSMP. Monash knows that modernization isn't a one-time thing. It's a continuous process.

As the digital landscape evolves, Monash feels confident that it has the partners and strategy to inspire and equip its students to change the world.

"With a click of a button, we can deploy a server and a full-stack environment allowing us to focus on our objective of helping transform the business."

- Brock Cremer, Infrastructure Services Delivery Manager

Eliminated
Support Incidents

Time to Provision
Months to Minutes

About Monash University

Monash University is Australia's largest university, with more than 80,000 students, staff, and faculty at campuses across four continents. Ranked in the top 1% of universities worldwide, the university is on an audacious mission to inspire and equip its students to be agents of change.

To empower its students to change the world, the university must stay on the cutting-edge of innovation.

Monash University is transforming higher education with a cloud-only initiative supported by CloudBolt CSMP for AWS.

Solution Description

CloudBolt CSMP has been implemented across Monash University's AWS environment providing cloud and network management, orchestration, provisioning, cost optimization and security control at the click of a button. Drag-and-drop provisioning enabled by CloudBolt CSMP has cut down on the time required to train Monash's large IT team and makes sure that every environment meets documented and approved standards for compliance and security. Patches and fixes can be deployed easily, saving time, money, and resources.

The CloudBolt CSMP Solution delivered benefits in the following key areas:

1. AWS Orchestration and Automation
2. Governance and Compliance
3. NetApp Cloud ONTAP Management

CloudBolt CSMP provided complete integration across all three benefit areas unlike any other platform available. The visual drag-and-drop pattern builder and orchestration is invisibly budget controlled and similarly the compliance and governance are enforced automatically without being restrictive on the cloud application stack driving real outcomes for the University.

The Challenges

With Monash striving to execute on its cloud-only initiative the management team identified the following areas where it needed assistance:

- User self-service
- Experienced Cloud Skills and Resources
- Infrastructure as Code delivery gap
- NetApp Data ONTAP automation
- Standardized repeatable process
- Governance and Compliance
- Provisioning Speed and Consistency

Solution Benefits

With Monash corporate and academic environments moving to AWS under CloudBolt CSMP, the following benefits are being realized:

- Drag-and-drop, full-stack AWS provisioning
- User Self-Service Catalogue
- Drastically reduced provisioning times – months to minutes
- Reduced training time and cost
- Storage Costs reduced by 25%
- Automated backup compliance
- Governed template builder
- "Infrastructure-as-Code" version and revision control roll-back

About AWS Services

AWS provides the service building block component infrastructure services, such as computing power, storage options, networking and databases that are delivered as a utility: on demand, available in seconds, with pay-as-you-go pricing. From data warehousing to deployment tools, directories to content delivery, over 90 AWS services are available. New services can be provisioned quickly, without upfront capital expense. This allows Monash to access the building blocks they need to respond quickly to changing business requirements.

NetApp ONTAP Cloud

To manage its rapidly growing cloud storage footprint, Monash selected NetApp ONTAP Cloud, which provides cloud-native storage management through a virtualized FAS in AWS. CloudBolt CSMP collaborated with NetApp to integrate its cloud management platform with ONTAP Cloud to provide the best of all worlds: drag-and-drop provisioning with CloudBolt CSMP, infinite elasticity and scalability with AWS, and enterprise-class data management with NetApp.

"ONTAP Cloud allowed us to transition to the cloud seamlessly. It enabled us to easily migrate our data and bring the benefits of our onsite NetApp data management and data protection to AWS."

- Brock Cremer, Infrastructure Services Delivery Manager

BMC Remedy

Remedy Service Management was integrated so non-technical staff could request application patterns directly via the Remedy platform. Full stack deployment is orchestrated via an API call, then environment automatically shut down and based on mandatory governance settings.

Solution Components

- CloudBolt CSMP
- Amazon Web Services
- BMC Remedy
- NetApp ONTAP Cloud

"CloudBolt CSMP helps us quickly provision and manage resources in AWS without having to train people in code."

- Brock Cremer, Infrastructure Services Delivery Manager

Please speak to CloudBolt or one of our partners to understand how we can help you with your AWS Cloud Management.



Join the conversation



CloudBolt Software is the enterprise leader in cloud management and integration solutions. Our products are simple, so you achieve unrivaled time-to-value; our knowledge is deep, so you have a trusted cloud partner for your journey; our teams are obsessed with your success, so you become the enterprise IT hero. Today, CloudBolt's award-winning cloud management platform and codeless integration solutions are deployed in enterprises worldwide for hybrid cloud. Backed by Insight Partners, CloudBolt Software is an Inc. 5000 and Deloitte Fast 500 company, winner of the 2020 CODiE awards for cloud management, and featured in Gartner's Magic Quadrant for Cloud Management Platforms.

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