

CLouDBOLT HYBRID CLOUD AUTOMATION

LEVEL UP YOUR DATA CENTER

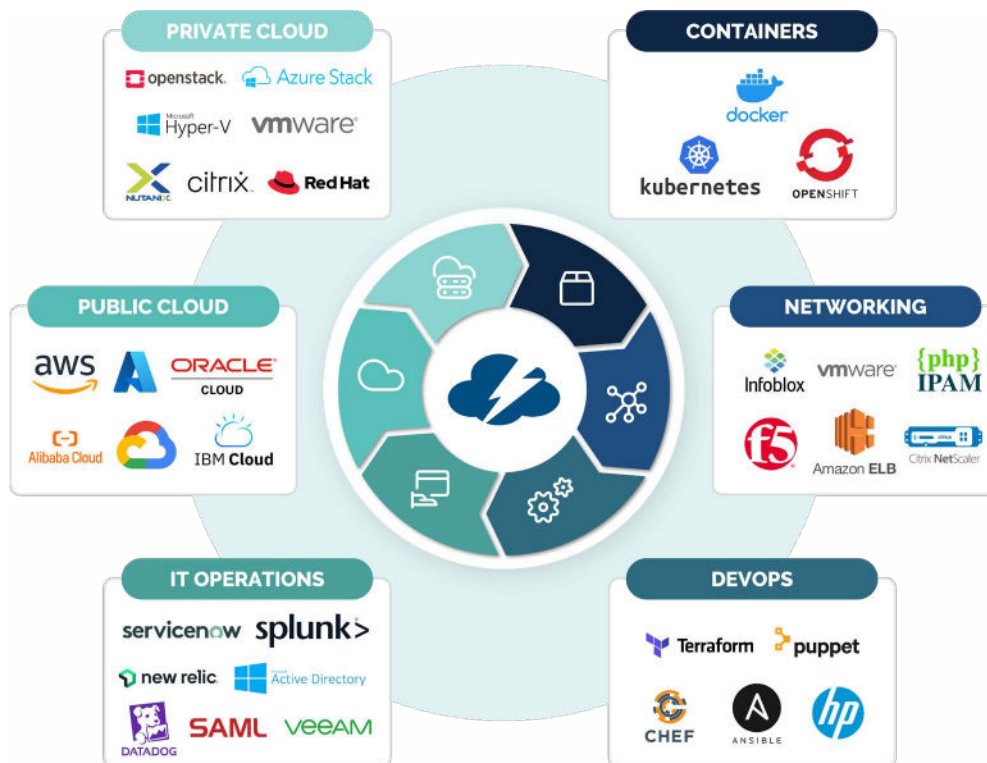
Overview

Traditional data center technology forms the core of most business clouds today. Despite this, the harsh truth is that self-hosted clouds often lack the advanced capabilities found in public cloud counterparts. Even advanced organizations still grapple with outdated, manual data center management practices. In an era where the needs of a distributed workforce and a tech-savvy customer base constantly evolve, the stakes are incredibly high. IT leaders must quickly embrace an integrated, efficient, adaptable, and secure strategy for their private cloud operations.

In response to this challenge, we introduce our flagship cloud management platform. Our mission is simple yet impactful: to deliver a modern experience to your private cloud by integrating your entire technology portfolio into a cohesive control plane. CloudBolt is transforming the way you operate, offering innovative capabilities for any cloud.

CloudBolt's unified hybrid cloud management platform is redefining operations by offering enhanced visibility, efficiency, adaptability, and control over your IT resources. Through the power of automation, we are enabling organizations worldwide to decrease operational costs, boost customer satisfaction, and manage their clouds with greater efficacy. With CloudBolt, bringing your data center into the 21st century becomes a reality. Discover the power of our cloud management solution today and unlock the untapped potential of your cloud infrastructure.

Modern Multi-Cloud Automation



HOW CLOUDBOLT IS TRANSFORMING PRIVATE CLOUD OPERATIONS

Deliver a Modern Cloud Experience

The average IT estate involves hundreds of disparate tools, platforms, and systems. Without an accessible and intelligent framework for centralizing services, technical teams fall back on silos of process and technology patterns. CloudBolt integrates your technology portfolio into a unified control plane and provides a public cloud-like experience for your users.

With CloudBolt, you can:

1. Bring a modern experience and innovative capabilities to all your clouds with our self-hosted platform.
2. Deploy a cohesive model for the creation, delivery, and oversight of your IT projects, services and actions.
3. Reduce friction between private and public cloud through a unified hybrid IT approach that interconnects your public and private clouds.
4. Maximize investment usage and minimize shadow IT using a comprehensive technology catalog

Boost Operational Efficiency

Manual activities common in data center operations often lead to time-consuming, error-prone, and labor-intensive delivery that can impede business innovation and growth. Our intelligent automation engine streamlines cloud functions and boosts efficiency, enabling you to overcome the noise and focus on driving forward.

With CloudBolt, you can:

1. Automate common workflows to decrease time-to-value for your services.
2. Focus resources on high-value activities by eliminating repetitive, manual tasks and rework.
3. Ensure consistent, high-quality outcomes for customers and stakeholders.
4. Consolidate technical assets and intellectual property in a single source.

Offer Flexible Delivery Options

IT teams grapple with an onslaught of requests from a globally distributed workforce and customer base. Handling these requests manually often inflates workloads, curbs efficiency, and slows response times. By leveraging our adaptable self-service platform, you can inject unparalleled flexibility into your service delivery.

With CloudBolt, you can:

1. Create a self-service catalog that enables citizen development using controlled and repeatable fulfillment of common requests.
2. Seamlessly integrate existing commercial software and systems with our pre-built application library.
3. Manage and automate existing environments using advanced inventory discovery features.
4. Customize the platform to meet unique business needs using our extensible Python architecture.

RECOGNIZED BY GLOBAL LEADERS



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Minimize Business Risk

As part of their service delivery, cloud teams must factor an overwhelming list of compliance and governance requirements to both protect the business and satisfy stakeholders' needs. Achieving full adherence without automation is a daunting task. Our solution enables you to mitigate cloud security and financial risks through standardized service patterns and policy automation, ensuring compliance with any and every organizational standard.

With CloudBolt, you can:

1. Create approved deployment patterns that incorporate inherent governance to guarantee all business requirements are met.
2. Quickly execute custom jobs, such as security scans and operational auditing, with policy- and event-driven workflows.
3. Enforce granular access control by mapping CloudBolt functionality and access to your users and groups.
4. Obtain a comprehensive view of all IT assets to eliminate environmental uncertainties.
5. Achieve vendor independence by introducing cloud-agnostic deployment avenues.

POWERFUL FUNCTIONALITY FOR MODERN I&O TEAMS:

IT Service Automation

Automated Service Patterns: CloudBolt blueprints facilitate the creation of technical service workflows that use advanced logic to orchestrate IT tasks across your entire tech stack. A blueprint can range from a simple one-click single server build to a complex multi-tier load-balanced application stack running in multiple environments – and countless other use-cases.

Self-Service IT: Establish a self-service catalog that promotes citizen development through controlled and repeatable fulfillment of common requests. Group and categorize controls ensure users can swiftly find and order the services they need.

CloudBolt Actions: Actions in CloudBolt, in the form of Plugins, Remote Scripts, webhooks, emails, and External Orchestration flows, serve as executable code that can modify various entities including Jobs, Orders, Servers, Groups, and Environments. These actions can accept additional input, relay progress to end users, or prompt CloudBolt to interact with external systems such as vCenter, AWS, ServiceNow, Infoblox, and more.

Technology Integration: CloudBolt is built on an extensible, plugin architecture that includes 200+ different plugins (such as remote scripts, webhooks, etc.) so users can integrate existing commercial software and systems.

IaC Management: CloudBolt's integration with Terraform and other prominent Infrastructure as Code (IaC) languages enables users to manage your Terraform configurations to handle multi-environment configuration, parameters and custom variable mapping, the storage of reusable code, and more.

Day Two Operations

Auto-Discovery: CloudBolt scans networks to identify servers and create records for them, enabling them to be managed and reported on from within CloudBolt.

Drift Management: Once a server has been imported and is under CloudBolt's management, any modifications, whether made from within CloudBolt or externally, will be tracked and reported.

Recurring Jobs: Set custom recurring schedules for any job or action like daily server power cycling, resource scaling, or operational auditing.

Continuous Infrastructure Testing (CIT): Execute functional tests on virtualization environments. With CIT, users can schedule or run on-demand tests, ensuring their environment functions optimally. It offers web-based reporting and test management, and alerts users of test failures.

Data Backup & Recovery: CloudBolt integrates with a range of industry-leading data backup and recovery solutions such as Veeam, Cohesity, Rubrik, Azure/AWS/GCP Backups, Commvault and more.

Financial Operations (FinOps):

Financial Governance: Utilize CloudBolt to establish budgets, enforce cost regulations, and monitor adherence. CloudBolt also offers the capability to set expenditure limits on individual user groups, ensuring budget compliance is never compromised.

Dynamic Scaling: CloudBolt's Auto Scaling dynamically adjusts deployed resources based on CPU load. It automatically scales up by adding new servers to manage increased load and scales down when the load decreases, ensuring optimal resource utilization and performance.

Deployment Cost Analysis: During provisioning, CloudBolt can model the financial implications of new builds across both private and public clouds.

Lifecycle Administration: Design time-based workflows that scan for unclaimed or underutilized resources, automatically alerting leaders or using expiration dates to power down or remove instances.

Cost Quotas: With CloudBolt, define quotas that specify either the maximum number of resources or the maximum cost teams can allocate, ensuring budget compliance.

Security & Governance:

Approval Frameworks: CloudBolt clarifies organizational hierarchy, displaying system order and usage. It triggers approval processes for both public and private clouds and sends group- and service-based alerts (development, test, etc.).

Paved Roads: Create approved deployment patterns that incorporate inherent governance to ensure all business requirements are met. This not only guarantees all risk requirements are met but also promotes the adoption of best practices for secure application deployment.

DevSecOps: CloudBolt enables customers to codify their security policy within CloudBolt rules and actions which can be stored within source control and are used to ensure that workloads comply with security policies over time, as both the workloads and the security policies evolve.

Security Integration: CloudBolt's platform supports integrations with a variety of security solutions, allowing you to connect CloudBolt with your existing security tools to enhance visibility, enable more effective alerting, and support continuous improvement in their security posture.



Suddenly, I can offer an engineer productivity! Where it used to take them roughly 40 hours to build up a system to overlay their tools, **I deliver all of that in minutes** with CloudBolt."

- Sr. Director, IT Operations
Global Industrial Manufacturer

Why CloudBolt?

Flexibility in Cloud Management - Move beyond the constraints of vendor lock-in and achieve autonomy with our vendor-agnostic approach to multi and hybrid-cloud management.

Unparalleled Product Extensibility - CloudBolt has unmatched product extensibility, with over 200 plugins based on a plugin architecture and Python-based platform that enables endless integration options.

Cloud Financial Management - CloudBolt is a frontrunner in cloud cost management, delivering precision in cost forecasting, anomaly spotting, and strict governance. Our tools proactively streamline cloud expenses across diverse cloud setups, merging efficiency with financial clarity.

Enterprise-Ready Automation for I&O - CloudBolt streamlines all facets of IT operations, from hybrid and multi-cloud resource provisioning to efficient day 2 operations and cloud financial management.

Solve Your Hybrid Cloud Challenges

See why CloudBolt is the #1 solution for flexible cloud automation, optimization, and control.

[CONTACT US](#)



CloudBolt Software is the enterprise cloud management leader. Our comprehensive solutions for IT automation, orchestration, self-service IT, cost optimization, and security help enterprises simplify complexity and achieve rapid time-to-value anywhere on their hybrid-cloud, multi-cloud journey. Our award-winning cloud management platform and infrastructure integration services are deployed and loved by enterprises worldwide.

Backed by Insight Partners, CloudBolt Software has been named one of the fastest-growing private companies on the Deloitte Fast 500 and Inc. 5000 lists.

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