Spot by NetApp

Your cloud, your tools, one spot

Why Spot by NetApp?

- **High-availability SLA:** Reliably run mission-critical workloads on EC2 spot instances with predictive algorithms and application-driven infrastructure ensuring high availability
- **Simplified cloud operations:** Automatically scale compute resources and abstract away infrastructure management for Kubernetes and ECS workloads as well as legacy applications
- **Reduced cloud costs:** Increase cloud ROI and resource utilization using an optimal blend of spot, reserved, and on-demand instances coupled
- **Comprehensive spend analysis:** Gain visibility into all your cloud spend including Kubernetes with cloud-native cost allocation and showback

Spot by NetApp overview

Ensure performance, reduce complexity and optimize costs across your applications and services in the cloud. Spot's optimization and automation scale cloud compute infrastructure to meet application needs using an efficient mix of instances types and diverse pricing models, eliminating overprovisioning and waste.

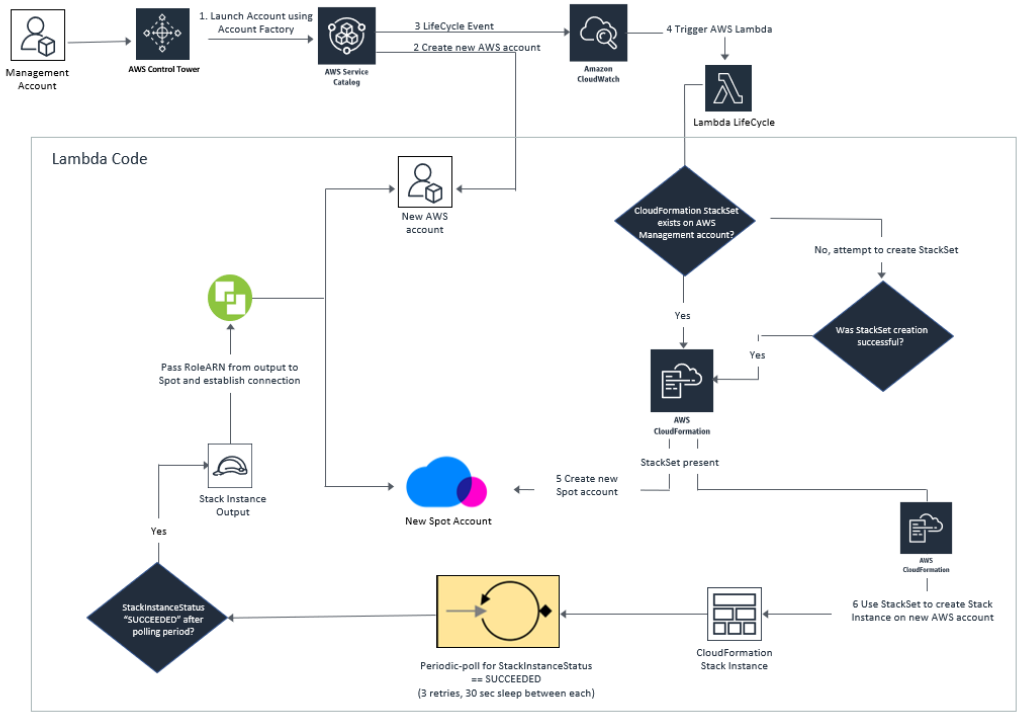
Going beyond cloud cost analysis, Spot automates and optimizes your AWS infrastructure delivering SLA-backed availability and performance at the lowest possible cost. Machine learning and application-driven scaling enables you to effortlessly and affordably run any workload, from stateful single instances to Kubernetes clusters, using an optimal blend of on-demand, spot and reserved capacity.

Spot by NetApp features

- Hands-free infrastructure for Kubernetes and ECS ensures pods and tasks have the resources needed for immediate availability and cost-efficiency
- Application-driven scaling and predictive algorithms enable mission-critical workloads to run on spot instances with guaranteed availability
- Reserved Instance and Savings Plans optimization delivers maximum cloud utilization and savings with minimum commitment and risk
- Reporting and analysis on what is being spent and by whom with actionable guidance for seamlessly optimizing AWS spend

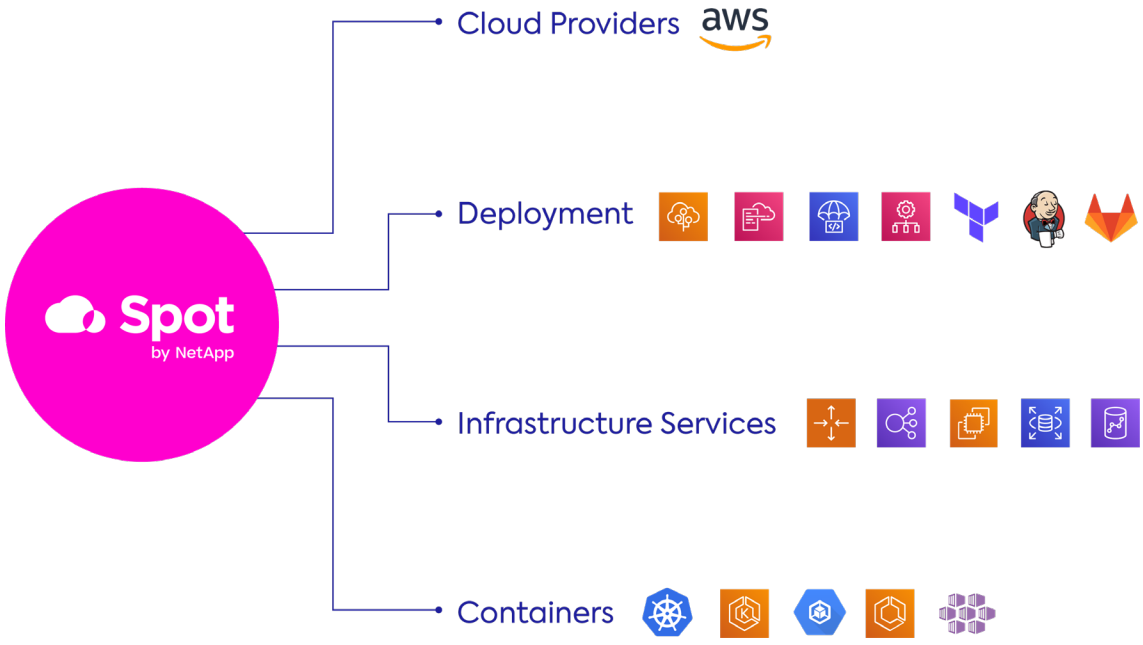
How it works

The solution uses Amazon CloudWatch Events rules triggered by AWS Control Tower LifeCycle events to call Lambda LifeCycle function. The Lambda LifeCycle function creates a CloudFormation StackSet, which in turn creates an IAM role to be used by Spot in each new AWS Linked Account. Spot by NetApp uses the secure Cross-Account Role to access your AWS account. The role includes a restricted list of policies that allows proper functioning of the Spot mechanism.



Seamless integrations

Spot software works with leading cloud platforms, services, and tools so that you can simplify and automate your cloud infrastructure, wherever your workloads and applications run and however you run them.



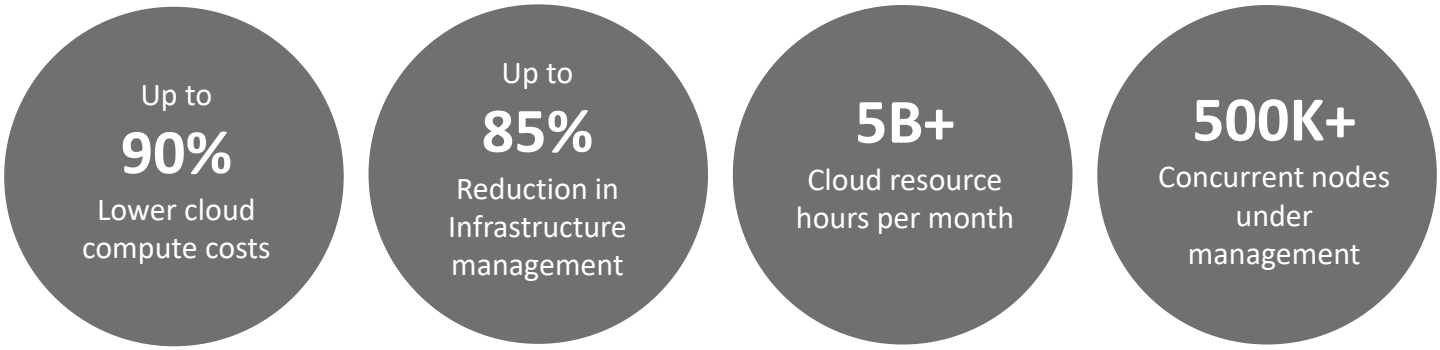
What our customers are saying

We've saved 65% of our compute cost and simplified our operations by taking a hands-off approach to managing our workloads and infrastructure using Spot by NetApp.
- Max Blaze, Chief Architect, Duolingo

Additional products by Spot by NetApp

- **Cloud Analyzer:** Provides free insights into infrastructure usage and costs across workloads, services, regions and AWS accounts, showing how you can reduce costs with just a few clicks
- **Elastigroup:** Makes it easy to deploy mission-critical workloads on EC2 Spot with availability and enterprise SLAs to save up to 90% on compute. With advanced auto-scaling for predictable performance, plus integrations with dozens of AWS services and tools, it just takes a few clicks to get started
- **Ocean:** Delivers a serverless containers experience. Robust, container-driven auto-scaling and intelligent right-sizing that supports ECS, EKS and Kubernetes, teams can "set and forget" the underlying EC2 Spot cluster
- **Eco:** Provides full lifecycle management for Reserved Instance and Savings Plans. Eco maximizes RI utilization and automates selling and conversion in the AWS Marketplace to maximize the ROI on your compute commitments

Data Points



Solution available in AWS Marketplace