**flexera** | **Spot**

Spot Ocean | aws

# Run EKS infrastructure at scale with Spot Ocean

Eliminate manual and patchwork infrastructure management for Kubernetes with automated, continuously optimized infrastructure that you can set and forget.

Spot Ocean is how DevOps can achieve an efficient EKS infrastructure. Ocean's intelligent automation continuously optimizes your EKS for cost and resource efficiency, while ensuring intact uptime and performance.
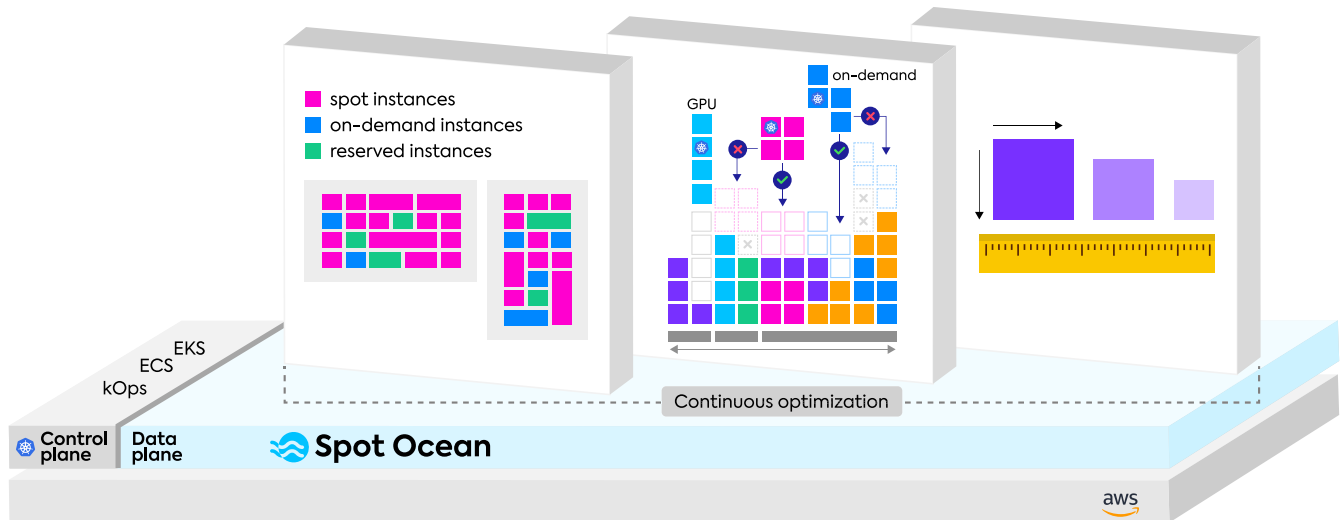
> "
> Spot Ocean automates cluster optimization for us, rapidly scaling nodes up and down as needed and bin-packing the remaining pods. This increased our compute utilization and **cost efficiency by 20%.**
>
> **— Matthew Zeier**
> Senior Director of Production Engineering and Operations

**LACEWORK**

### Automate container infrastructure

Continuously manage scaling and sizing of your cluster infrastructure based on container resource needs.

### Minimize costs

Automatically use the optimal blend of commitments to lower costs.

## Achieve excellence with Flexera + Spot

### Improve availability

Fortify workload consistency by predicting and automatically addressing resource needs and instance interruptions.

### Understand your costs

Gain real-time insights into infrastructure costs by services, applications, and tasks to enable showback and accountability.

**Spot Ocean**

# Application-driven provisioning with Ocean



## Infrastructure provisioning and pricing
Automated AWS EKS infrastructure management that leverages cloud compute pricing models (spot, on-demand, and reserved instances) with an enterprise-level SLA for cost savings and dependable performance.

## Container-driven autoscaling and bin-packing
EC2 instance size, type, pricing, and allocation is determined based on your configurations while honoring labels, taints and tolerations, network, and persistent volume claims (PVCs) to fine-tune pod and node scheduling for your unique workload requirements.

## Automated rightsizing
Continuously optimize your workloads by adjusting node size to your application's actual resource usage, in sync with your HPA triggers, and choose between automation policies and one-click execution.

## AMI auto-update
Automate K8s version upgrading to save precious time, preserve uptime, and reduce human error on critical patches.

## Granular cost analysis & attribution
Support your management's financial goals by visualizing what, and who, generates cloud costs by drilling down into each bit of memory, CPU, network, and storage type for accurate unit economics.
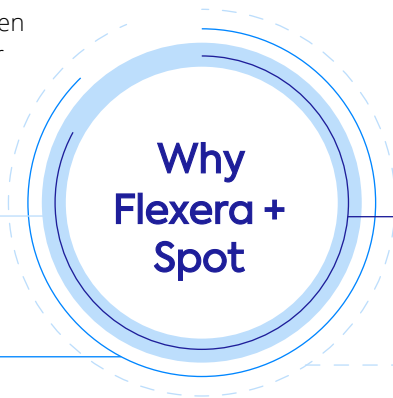
## Spot Ocean

### Why Flexera + Spot

**Reduce operational complexity and sprawl**

Ensure the right blend of compute, memory, and even GPUs inside of your cluster while streamlining deployments with use of Virtual Node Groups.

**Cost-efficient resource management with automation**

Automate at scale with proprietary AI-driven instance selection.

**Comprehensive Kubernetes infrastructure observability**

Get easy-to-read, at-a-glance dashboards that show the utilization of network, CPU, and memory as well as their individual costs in a single view with actionable findings.

**Increased EKS compute utilization**

Relieve your engineering team of maintenance and preserve uptime with Ocean's container-driven autoscaling and bin-packing.

Visit **Flexera + Spot** for more and **sign up for free.**