# Spot
by NetApp

Ocean | aws | ▦ | ☁

# Get the optimal infrastructure for your containers and Kubernetes

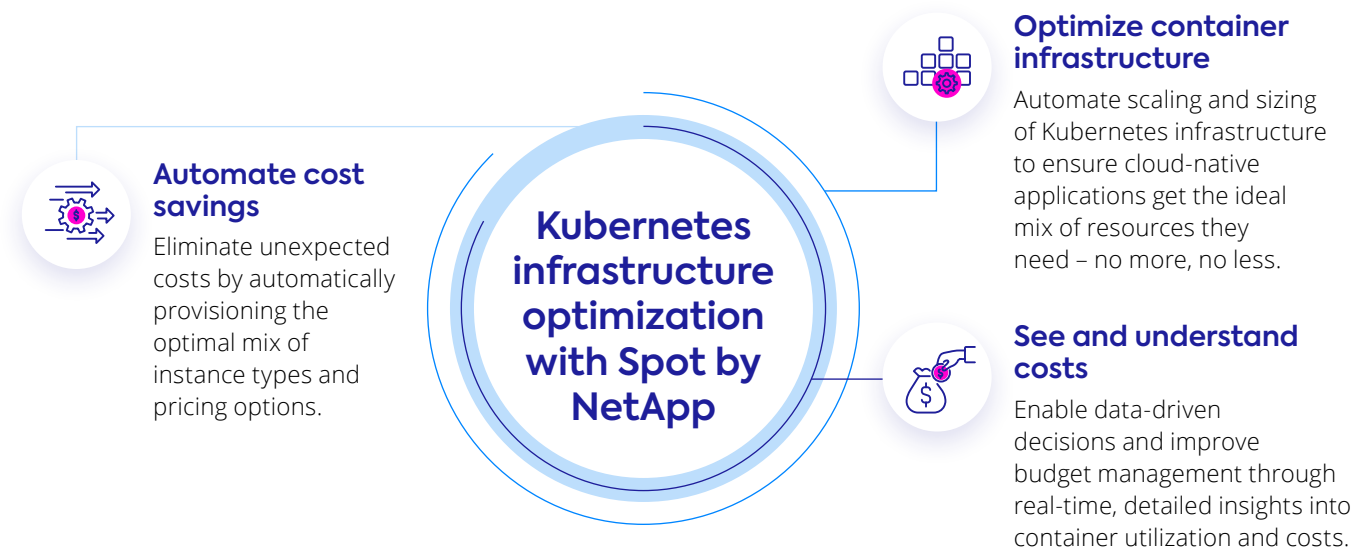Operating containers and Kubernetes infrastructures at scale is complex and expensive.

Spot Ocean provides continuous optimization of public cloud containers and Kubernetes infrastructure. With customizable automation and monitoring, Ocean helps maximize infrastructure efficiency and availability while minimizing costs. With Ocean, cloud operations teams can focus on their workloads and applications, rather than the details of managing the underlying infrastructure.
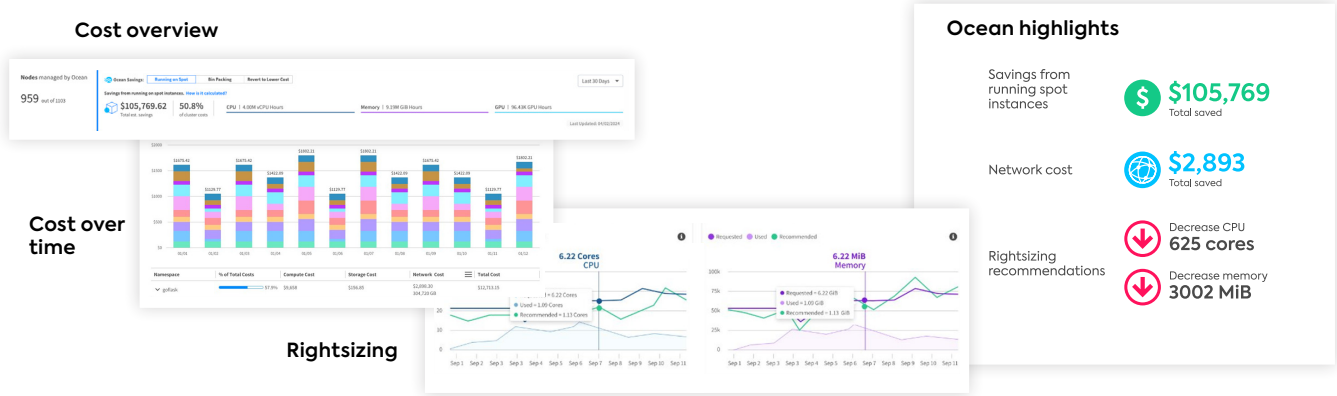
> "
> Spot Ocean was the nirvana we were looking for in managing our complex Kubernetes environments.
>
> **— Shane Savoie**
>   Chief Architect

ticketmaster®

**Automate cost savings**

Eliminate unexpected costs by automatically provisioning the optimal mix of instance types and pricing options.

**Kubernetes infrastructure optimization with Spot by NetApp**

**Optimize container infrastructure**

Automate scaling and sizing of Kubernetes infrastructure to ensure cloud-native applications get the ideal mix of resources they need – no more, no less.

**See and understand costs**

Enable data-driven decisions and improve budget management through real-time, detailed insights into container utilization and costs.

**Cost overview**

**Cost over time**

**Rightsizing**

**Ocean highlights**

Savings from running spot instances
**$105,769**
Total saved

Network cost
**$2,893**
Total saved

Rightsizing recommendations

Decrease CPU
**625 cores**

Decrease memory
**3002 MiB**

## Intelligent Kubernetes infrastructure optimization

Ocean simplifies Kubernetes and container management with AI/ML-driven optimization that balances performance, availability, and cost efficiency across all major public clouds. Why settle for less when you can achieve more with ease?

### Optimize resource utilization to reduce waste and cost

- Application-aware automated rightsizing
- Advanced automated bin-packing
- Run apps with different requirements in a single cluster utilizing heterogeneous VNGs

### Streamline Kubernetes infrastructure management

- Automate Kubernetes version and security patches updates
- Seamless toggling between x86 and ARM instances
- Continuous cluster updates

### Maximize commitments utilization

- Automated commitments identification and utilization
- Dynamic, best-match switchover between commitments, spot, and on-demand instances
- User-defined prioritization of commitments per workload

### Gain insight into Kubernetes infrastructure

- Visibility into compute, network and storage costs, by namespace, resource, label or annotation
- User-friendly dashboards provide insights into cost optimization and infrastructure efficiency
- Deep analysis for showback and chargeback

### Scale confidently

- Interruptions predictions and proactive replacement
- Supports commitments, spot and on-demand instances
- Integration with Infrastructure as Code (IaC) and data analysis tools

### Proactive support

- 24/7/365 monitoring and enterprise-grade support

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