**flexera** | **Spot**

**Spot Ocean**   Built on   **Microsoft Azure**

# Serverless Kubernetes for Azure

## Built with AKS. Designed for your enterprise.

**AKS is easy to deploy, update and secure,**
**but you still cannot...**

>> **S**ee, understand and track what drives your cloud spend upward
>> **O**ptimize for cost and availability as application capacity changes
>> **S**leep sound when running on excess capacity recommendations
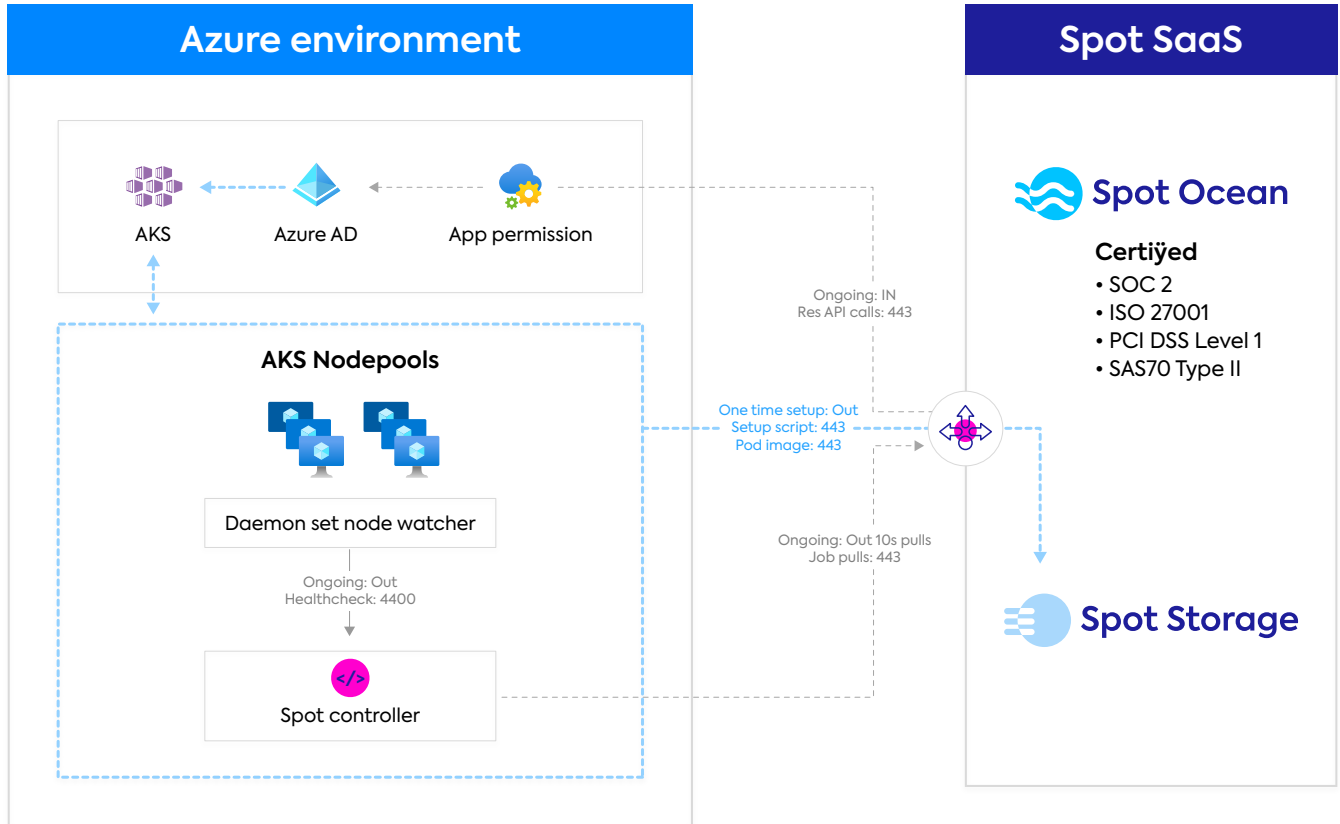
> "
>
> With Spot, our speed of development has increased. We can now have more VMs, or more powerful VMs, for the same budget. Costs are more controllable, which gives us more con idence to scale, and in turn bene its our clients. **It's a win-win.**
>
> **— Richard Marsh**
>     VP Customer Operations

**finova**

### Avoid burnout
Automate your AKS clusters with AI driven node selection, provisioning & scaling.

**Achieve excellence with Flexera + Spot**

### Increase competitiveness
Win your market with instant bulk autoscaling (less than 2 min.) for unrivaled performance.

### Reduce OpEx/TCO
Leverage Spot compute at **up to 90% discounts**.

# Ocean

## Natively completing your AKS pipeline

### Azure environment

**AKS**  **Azure AD**  **App permission**

**AKS Nodepools**

Daemon set node watcher

Ongoing: Out
Healthcheck: 4400

Spot controller

### Spot SaaS

**Spot Ocean**

**Certiÿed**
- SOC 2
- ISO 27001
- PCI DSS Level 1
- SAS70 Type II

Ongoing: IN
Res API calls: 443

One time setup: Out
Setup script: 443
Pod image: 443

Ongoing: Out 10s pulls
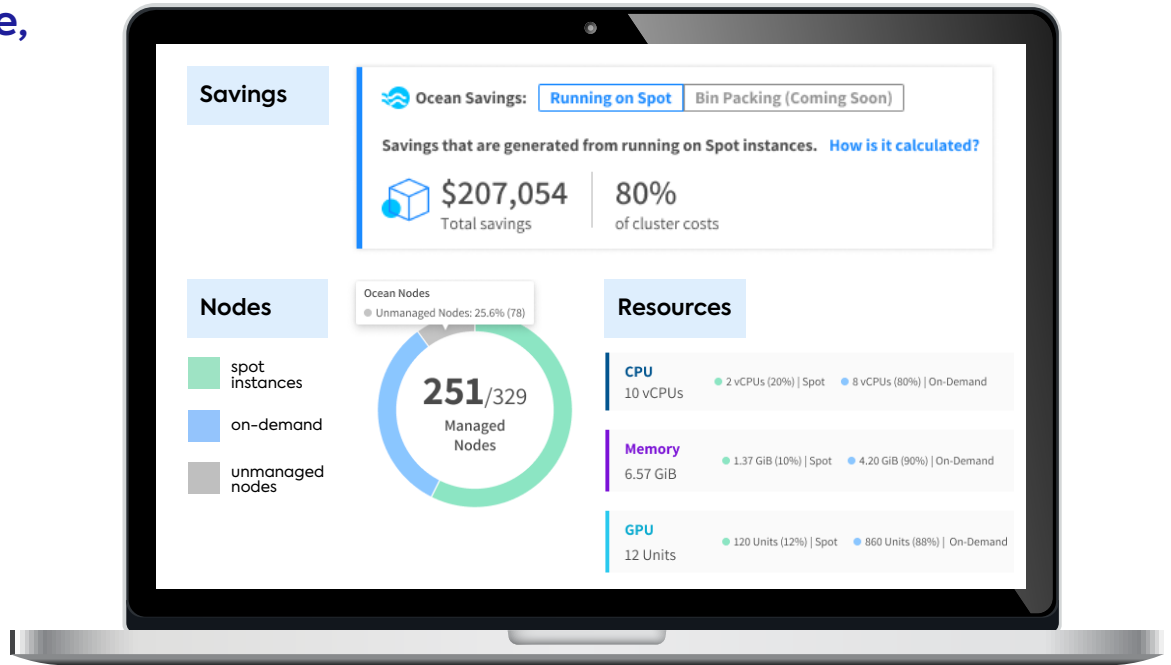Job pulls: 443

**Spot Storage**

## What our clients say

> The Spot suite is invisible in the best possible way. It always works as expected, integrates perfectly so we don't mess with configuration changes, and doesn't require thoughts or worries.

**—Matthieu Antoine**
Staff Systems Engineer

JUMO

**Ocean**

## One glance, all AKS resources

**Savings**

Ocean Savings: | Running on Spot | Bin Packing (Coming Soon)

Savings that are generated from running on Spot instances. **How is it calculated?**

**$207,054**
Total savings

**80%**
of cluster costs

**Nodes**

Ocean Nodes
Unmanaged Nodes: 25.6% (78)

**251**/329
Managed Nodes

- spot instances
- on-demand
- unmanaged nodes

**Resources**

| **CPU** 10 vCPUs | • 2 vCPUs (20%) | Spot | • 8 vCPUs (80%) | On-Demand |

| **Memory** 6.57 GiB | • 1.37 GiB (10%) | Spot | • 4.20 GiB (90%) | On-Demand |

| **GPU** 12 Units | • 120 Units (12%) | Spot | • 860 Units (88%) | On-Demand |

## Application-driven provisioning, up to 90% savings

### Smart & swift autoscaling

Spread your AKS workloads across multiple VM SKUs/Sizes and AZs for maximum availability at minimum cost.
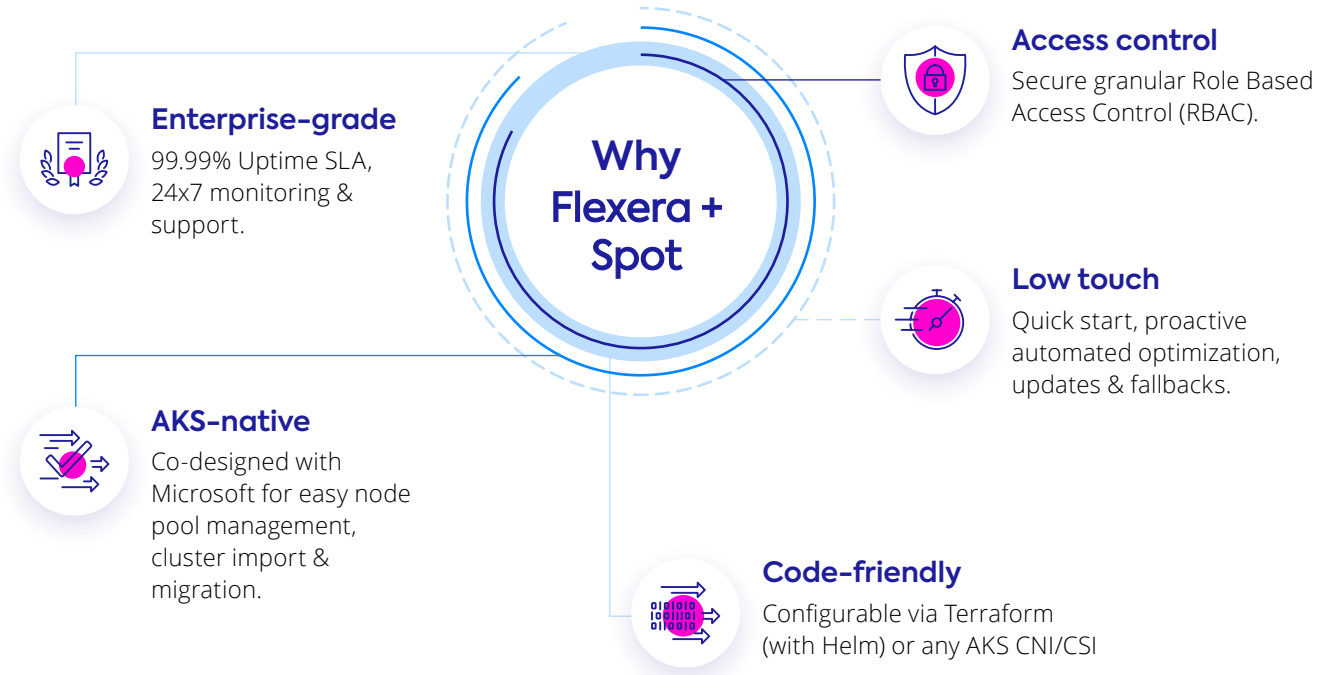
### Built-in visualization

Track spend, savings and chargebacks across AKS clusters.

### Advanced customizations

Define application constraints, spot VM percentage, GPU VM preference, shutdown hours & more.

**Ocean**

## Why Flexera + Spot

**Enterprise-grade**
99.99% Uptime SLA, 24x7 monitoring & support.

**AKS-native**
Co-designed with Microsoft for easy node pool management, cluster import & migration.

**Access control**
Secure granular Role Based Access Control (RBAC).

**Low touch**
Quick start, proactive automated optimization, updates & fallbacks.

**Code-friendly**
Configurable via Terraform (with Helm) or any AKS CNI/CSI

### Leading companies trust Flexera + Spot

AT&T  fiverr.  SONY  dynamic yield  BOSCH  N26  Perion

finova  LIVE NATION  dun & bradstreet  23andMe  Forcepoint  nu  JUMO

**flexera** | **Spot**

Contact us | www.spot.io