



# BoxOps DevSecOps

An Azure Kubernetes CI/CD Accelerator

BoxOps is an opinionated DevSecOps Platform for Azure Kubernetes Service (AKS) built to facilitate rapid deployment of containerized applications. It uses community-supported, best-of-breed open-source technology stacks to remain vendor-neutral and flexible for an organization's growing requirements.

- Azure Kubernetes Service (AKS)
- Container Management Platform
- Cloud Native Image Registry
- Automated Deployment
- Pre-Configured Monitoring

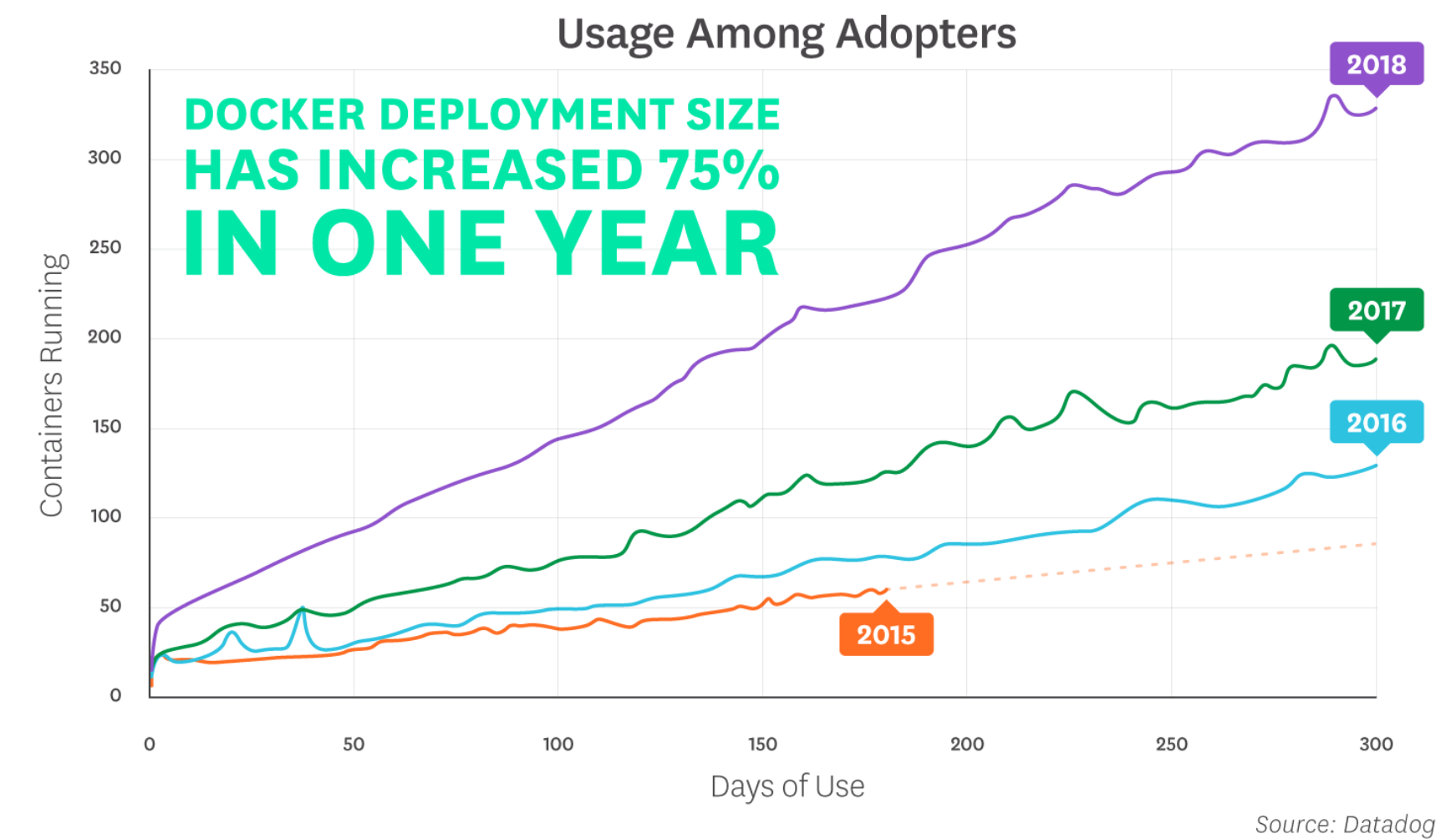
BoxBoat Technologies was founded to empower and implement DevOps to build, ship, and run distributed applications. We are technologists at heart who believe in the power of containerization and the increased scale, flexibility, and resource utilization it brings to the development workflow. Deliver software faster with BoxBoat, a Microsoft AKS Gold partner, a Docker Inc. and CNCF Kubernetes Authorized Consulting Partner.



# Containers are the Modern IT Value Delivery

Application delivery in containers is becoming the standard. Be prepared in both development and operations through a unified cloud-centric platform:

- Do you know what DevOps processes and tooling are necessary to begin this journey?
- Is your Development team prepared for automated Continuous Integration (CI)?
- What foundational security needs to be in place with this new found acceleration?
- How will you manage containerized applications in Production?



A survey of 750 hiring managers by the Linux Foundation and Dice reported that **57 percent** are seeking employees with **container skills**, up from 27 percent in last year's survey.<sup>1</sup>

<sup>1</sup><https://thenewstack.io/steady-docker-adoption-leads-to-jump-in-hiring/>



# Best-of-Breed Open Source DevSecOps

## Accelerate Kubernetes

The BoxOps Platform for Azure is an opinionated **DevSecOps** Platform for Azure Kubernetes Service (**AKS**) built to facilitate rapid deployment of containerized applications.

BoxOps provides an end-to-end **container orchestration** environment with **CI/CD** allowing you to focus on application development.

**Kubernetes** and Container Orchestration Platforms like **AKS** are one chapter of the software lifecycle story. Developer workflows need to be re-tooled, continuous integration systems and new logic deployed, and modern processes around application migration, deployment, and maintenance rethought.



DevOps  
Transformation



Microservice  
Architecture



Containerize and  
Orchestrate



Enterprise  
Security

**The BoxOps Platform for Azure** provides a battle-tested suite of services built on Azure Kubernetes Service (AKS). With the BoxOps Platform you are also provided a Container Management Platform, Cloud Native Image Registry, Automated Deployment, and Pre-Configured Monitoring.

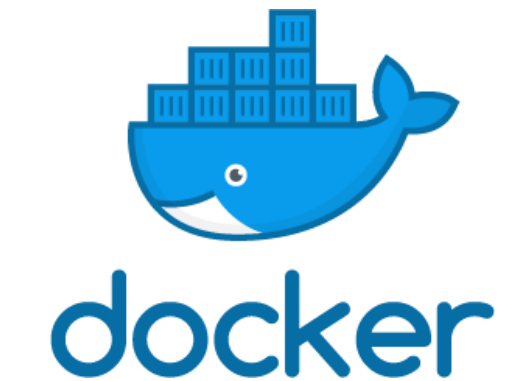




# BoxOps Approach

You want to be up and running enterprise Kubernetes workloads on AKS as fast as possible. This is how it's done.

- BoxBoat performs a Container Readiness Assessment of your current environment in order to provide recommendations on how to make the most of the BoxOps DevSecOps Platform offering.
- We stand up your BoxOps Platform using automation to deploy, manage, and monitor your AKS clusters directly on Azure. This includes VNET creation, security groups, DNS management, certificate management, secrets management, load balancer management, container registry management, logging and monitoring.
- If you need a CI/CD platform, we have you covered there as well: BoxOps has custom integrations with Azure DevOps, as well as a managed Jenkins deployment option. All of this runs in your subscription giving you full visibility of the BoxOps Platform resources and ensuring a strong security posture for your applications.



# BoxOps – A DevSecOps Accelerator

## Service Summary:

- Container Readiness Assessment
- Best Practice Recommendations provided
- BoxOps Platform deployed in Azure
- Realize the benefits of increased velocity, reduced costs, and rapid deployments.

