SECURE YOUR CONTAINER IMAGE SUPPLY CHAIN WITH BIQMIND

Biqmind Secure Container Image Supply Chain Service ensures your Kubernetes-based application workloads are secured and best practices are in place for continuous scanning and fixing.

Securing the application workloads running in your Kubernetes cluster is priority after your cluster has been set up. An important piece to achieving that is securing your container image supply chain. You need to ensure your container images are being pulled from trusted sources and being scanned for vulnerabilities.

In this service, Biqmind Specialists set up image scanning and recommend best practices for your Kubernetes-based applications.

The scope of work will encompass choosing base images from trusted third-party sources, recommending best practices for image tagging to deal with semantic changes when it comes both major and minor version changes and set up of continuous image scanning. We will recommend and demonstrate how your team can propagate fixes from a base image.

Benefits
Ensure your Kubernetes-based application workloads are secured and actively being scanned for vulnerabilities

Prerequisites
- AKS environment in place and operational (This can be fulfilled by the Biqmind Kubernetes Environment Set Up Service)
- Biqmind Discovery Workshop to create action plan (chargeable service)

Estimated Timeline
2-3 weeks (depending on customer prerequisites).

OVERVIEW

Assess & Plan → Deploy → Validate → Enable

SERVICE SCOPE

	Activities	Deliverables
Assess & Plan	• Identify objectives • Assess workloads and infrastructure • Define prerequisites for implementation • Create high-level implementation plan	• High-level implementation plan
Deploy	• Set up and configure scanning tool • Set up image propagation for a sample application	• Journal
Validate	• Validate predefined test cases	• Validation report
Enable	• Conduct walkthrough using a sample application • Run through recommendations and best practices • Conduct enablement sessions on operations	• Sample application • Handover documentation

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