RUN YOUR APPS ON A WELL-MANAGED AZURE-BASED KUBERNETES ENVIRONMENT WITH BIQMIND

Set up of a new Kubernetes environment involves multiple factors. Biqmind Kubernetes Environment Set Up Service enables teams to plan, deploy and validate a well-managed environment for Kubernetes on Azure.

Deploying onto a new platform is always challenging. Common pain points range from integration with existing infrastructure to security and deployment complexity. Deployments may require custom solutions for Load Balancing and Ingress or different tools to enable Continuous Deployment and Delivery.

Biqmind has developed Kubernetes environment blueprints to help teams new to cloud-native get out of the starting block quickly. Encompassing industry best practices and refined through the experience of our Azure certified Specialists, these blueprints provide a scalable, modular approach to creating a well-managed Kubernetes environment on Azure based on a core set of design principles for fundamental areas and components.

We ensure your Kubernetes environment is built fit for purpose right from the start, across areas such as Identity, Networking, Resource Grouping, Compute, Storage, Data, Security, Logging & Monitoring, CI/CD Pipelines, Automation and Naming Standards

Benefits
- Set up a well-managed Kubernetes environment based on industry best practices in a short time
- Ensure your team is fully equipped to operate and scale your new Azure environment

Prerequisite
- Biqmind Discovery Workshop to create action plan (chargeable service)

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

OVERVIEW

Plan → Deploy → Validate → Enable

SERVICE SCOPE

	Activities	Deliverables
Plan	• Identify objectives and target state • Size infrastructure • Define prerequisites for implementation • Create high-level implementation plan	• Target state architecture diagram • High-level implementation planning
Deploy	• Configure Azure services • Deploy blueprints • Set up target environment	• Updated target state architecture diagram based on deployment • Working environment on Azure
Validate	• Onboard demo application • Validate predefined test cases	• Validation report
Enable	• Conduct environment walkthrough • Conduct enablement sessions on operations	• Handover documentation

Biqmind provides specialist services and software tools to accelerate cloud native software development through technologies including Biqmind CAPE, Kubernetes, and leading container platforms such as Red Hat OpenShift and Azure Kubernetes Service. We are a Microsoft Gold Partner, Red Hat APAC Business Partner for Professional Services and Cloud Native Computing Foundation (CNCF) Silver Member. We are also one of the first partners to be invited to participate in the Microsoft Cloud Native Acceleration Program.

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