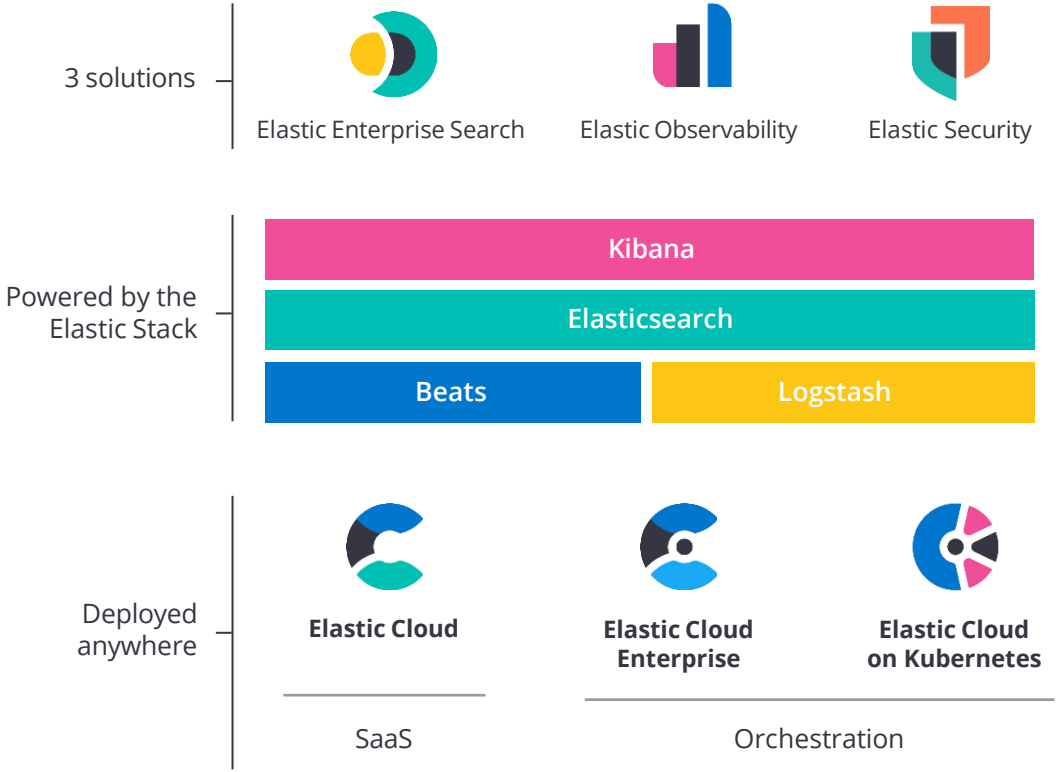
Elastic Technology



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ELASTIC CLOUD ON KUBERNETES

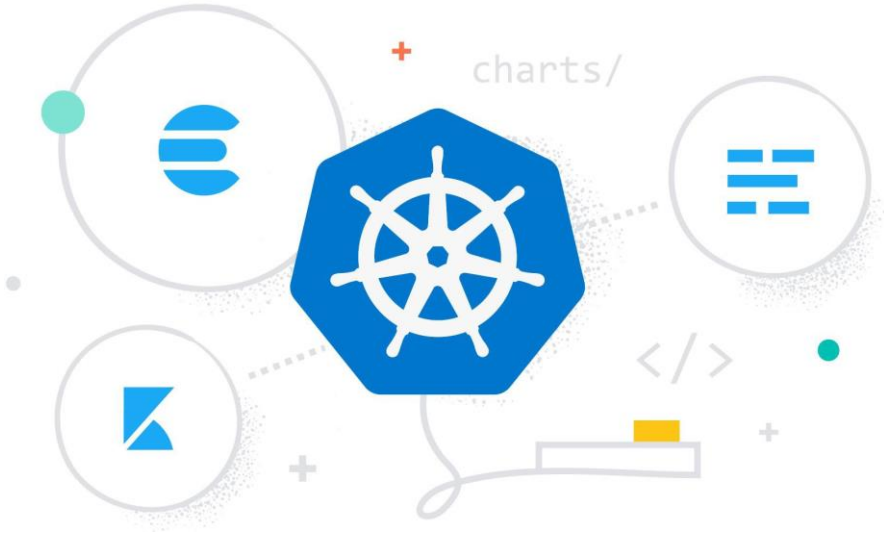
The Official Operator

A Native Kubernetes Experience

Fully integrated Kubernetes API enriched with Elastic specific definitions. Operate with kubectl, bringing Custom Resource Definitions to life with controllers, and handling any change wit h re-attachable volumes.

Supports Multiple K8s Distros

Azure Kubernetes Service (**AKS**), AWS Elastic Kubernetes Service (**EKS**), Google Kubernetes Engine (**GKE**), Vanilla Kubernetes, and Red Hat **Openshift**.



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Why deploy with Elastic Cloud on Kubernetes?

Simplify Multi-Cluster Deployment and Management

Easy, Fast, Zero Downtime Upgrades

Pain Free Deployment Scaling

Cost Saving Hot/ Warm/ Cold Topology

Automatic Security configuration with ability to customize

High Availability across provider Availability Zones

Flexibility to run in both cloud and on-premise environments

Supports all major hosted Kubernetes providers

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The Elastic Difference

Feature Rich
The only operator providing native RBAC, Alerting, Machine Learning, Cross Cluster Search & Replication, Searchable Snapshots, Autoscaling* and more

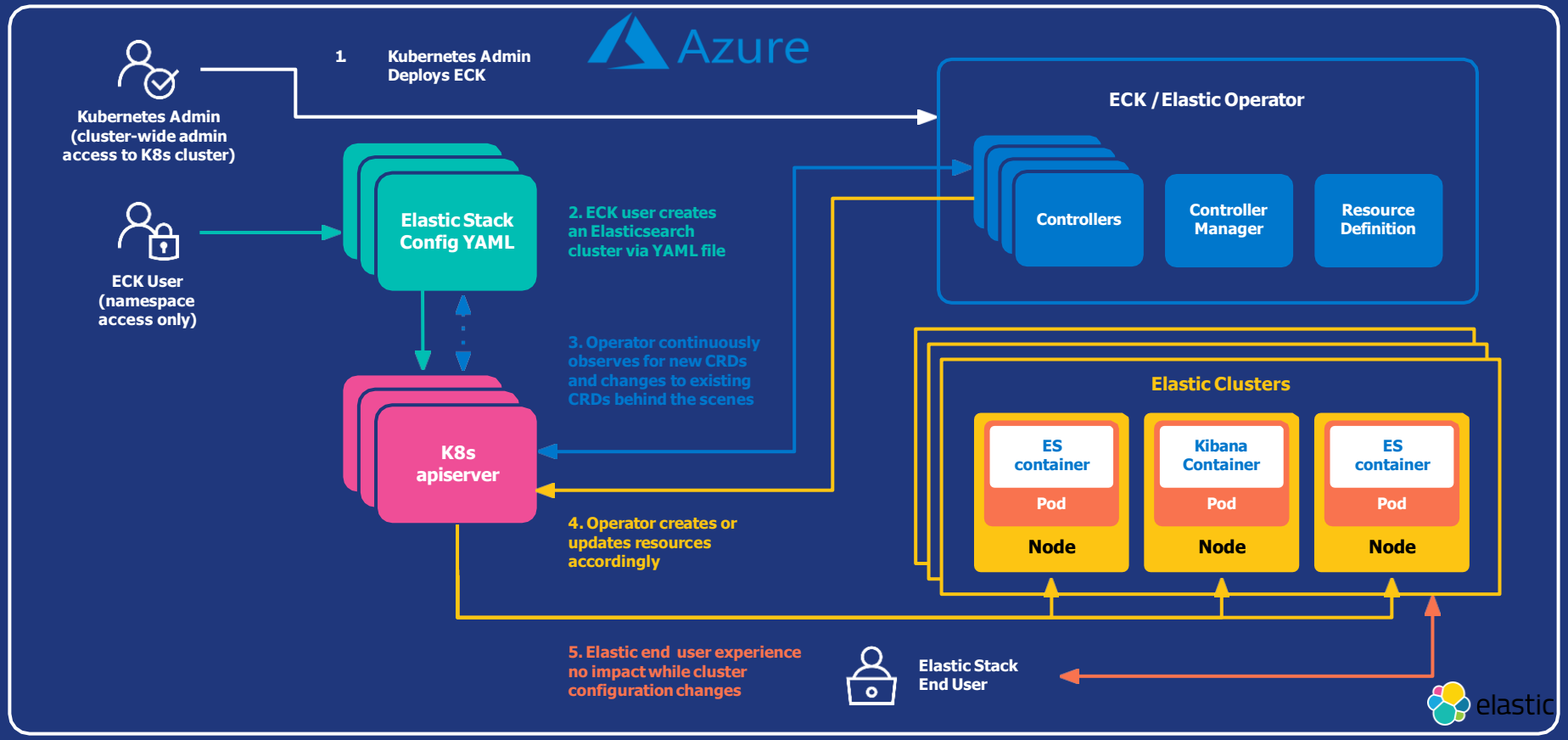
Backed by the Creators
The only operator with official vendor backed support, maintenance, and security patches

Certified & Partnered
Certified as Red Hat OpenShift Certified Operator and official partnerships across all major cloud providers

ELASTIC CLOUD ON KUBERNETES

Under The Hood

Kubernetes Environment



Additional Information

Software & Hardware requirements

For supported software please refer to our kubernetes documentation

ECK hardware should be sized similarly with self-managed stack.
ECK has minimal overhead to the underlying infrastructure (~10mb)

For more information refer to the support matrix.

Support

Support

- Support is both break-fix and consultative in nature
- Assigned Lead Engineers who understand the platform intimately
- Regular Cadence calls
- Severity levels and Response times
  - T1: 1 hour response time
  - T2: 4 hour response time
  - T3: 24 hour response time

More details:

Enclosed below are two links that will provide a detailed overview on Support

- https://www.elastic.co/support/welcome - An overview or best practices of working with support
- https://www.elastic.co/support_policy - Our support policy explained

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Deployment Support Free on Azure

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Consulting Team

Engagement Lifetime

Engagement Manager

Providing operational oversight on the project. Will assist with scheduling, resourcing and navigating your success plan.

Technical Account Manager

Consultant providing long term technical advisory

Consulting Architect

Long term technical guidance and best practices

Consulting Engineers

Technical expert responsible for the hands-on delivery

Delivery Manager

Providing management oversight and engineer / specialist allocation

* Assigned consultants/engineers will depend on availability and milestones

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