

Kubermatic Kubernetes Platform (KKP) vs VMware at a Glance

Features KKP VMware

Automated Provisioning of Kubernetes Clusters



• Native Container Management Engine



· Additional licenses needed for Kubernetes

Built-in Monitoring, Logging and Alerting



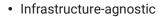
· Central multi-cluster, multi-cloud monitoring with built-in Prometheus and Grafana Dashboard



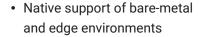
- · No built-in monitoring integrations, but compatible with Prometheus, Grafana, and other MLA tooling
- · Not included with the standard license, additional subscriptions necessary

Infrastructure Support











VMware

· Support of on-premises, all major public clouds and certain bare-metal infrastructures

Multi-tenancy, Role-based Access Control (RBAC), and Single Sign-on Support



 Control access and user rights with built-in multi-tenancy, RBAC, and cluster authentication



 Extends Kubernetes RBAC with additional roles

Support for CI/CD Integrations



• API first design for easy integration of all Kubernetes-conformant tooling



- · Designed for integration with VMware Concourse CI/CD
- · Compatible with most major third-party CI/CD toolchains (Jenkins, GitLab, etc.)

Customization



- · 100% Vanilla Kubernetes and pre-defined cluster add-ons
- High degree of adaptability: Every aspect can be configured and automation still prevails



- Set of features by Tanzu Kubernetes **Grid CLI**
- · No custom images

Backup





· Automatic backup of etcd to external location

· Manually backup / restore via BOSH

Automation Grade



- · Kubernetes compatibility: Constant compatibility with current stable release of Kubernetes
- · Production readiness: High availability from applications to infrastructure, with no single points of failure
- Fully automated operations: Fully automated deploy, scale, patch, and upgrade experience
- · Native integration for health checks, scaling, auto-healing and rolling upgrades
- · Multi-cloud: Consistent operational experience across multiple clouds



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- BOSH advantages: Built-in health checks, scaling, auto-healing and rolling upgrades
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