

Kubernetes Distributions & Installers Matrix Table

- [atodorov.me: Comparing Kubernetes managed services across Digital Ocean, Scaleway, OVHCloud and Linode](#)
- [Learnk8s: Comparison of Kubernetes Managed Services](#) 🌟 [Learnk8s](#) has compared Managed Kubernetes Services and put up online a nice sheet displaying best-breed cloud services and their Managed K8s offerings. Look for Price, Quotas, Security, etc.
- [Learnk8s: Comparison of Kubernetes Ingress controllers](#) 🌟 Daniele Polencic: "What's the best Kubernetes Ingress Controller? There is not a simple answer as some controllers are better suited for APIs, others require less maintenance, etc. To make sense of all the options, we've expanded the comparison of the Ingress controllers to include 16 Ingress controllers and several other missing features such as Hot Reloading, Proxy Protocol, Cert manager integration, etc."
- [itprotoday.com: Who's Winning in the Container Software Market](#) 🌟 Thanks to its container customer training, the \$1 billion container software market is Red Hat's to lose. Where do the other players stand?

Kubernetes Installer or Distribution	Role	Ecosystem	Infra Provider	On-Premise	Licence
kubeadm	SRE / DevOps	Kubernetes Upstream	Multi platform	Yes	OSS
Ansible role for kubeadm automation	SRE / DevOps	Kubernetes Upstream	Virtual Machine	Yes	OSS
Kops	SRE / DevOps	Kubernetes Upstream	AWS	No	OSS
kube-aws	SRE / DevOps				

Kubernetes Installer or Distribution	Role	Ecosystem	Infra Provider	On- Premise	Licence
Minikube	Devel	Kubernetes Upstream	Dektop Virtual Machine	Yes	OSS
Docker Desktop on Windows	Devel	Kubernetes Upstream	Desktop Virtual Machine	Yes	OSS
Rancher 2	SRE / DevOps	Multi-cloud kubernetes management	Virtual Machine	Yes	OSS
Rancher 2 RKE	SRE / DevOps	Rancher	Virtual Machine	Yes	OSS
K3s	SRE / DevOps / IoT	Rancher	Virtual Machine	Yes	OSS

Kubernetes Installer or Distribution	Role	Ecosystem	Infra Provider	On- Premise	Licence
K3d	SRE / DevOps / IoT	Rancher	Virtual Machine	Yes	OSS
K3sup (said 'ketchup')	SRE / DevOps / IoT	Rancher	Virtual Machine	Yes	OSS
K3OS	SRE / DevOps / IoT	Rancher	Virtual Machine	Yes	OSS
K3c	Devel	Rancher	Linux	Yes	OSS
Microk8s	Devel / IoT	Kubernetes Upstream	Virtual Machine	Yes	OSS
Pharos	SRE / DevOPs / IoT	Kubernetes Upstream	Multi Platform	Yes	OSS

Kubernetes Installer or Distribution	Role	Ecosystem	Infra Provider	On- Premise	Licence
OKD	SRE / DevOps	OpenShift	Virtual Machine	Yes	OSS
Minishift	Devel	OpenShift	Desktop Virtual Machine	Yes	OSS
OCP 4 CodeReady Containers	Devel	OpenShift	Desktop Virtual Machine	Yes	OSS
OCP 4 Public Cloud	SRE / DevOps	OpenShift	AWS, GCP, Azure	No	Yes

Kubernetes Installer or Distribution	Role	Ecosystem	Infra Provider	On- Premise	Licence
OpenShift Dedicated	SRE / DevOps	OpenShift	AWS	No	Yes
OCP 4 Private Cloud 1	SRE / DevOps	OpenShift	OpenStack, Red Hat Virtualization	Yes	Yes
OCP 4 Private Cloud 2	SRE / DevOps	OpenShift	vSphere 6.7 U2, Bare Metal	Yes	Yes
AWS EKS	SRE / DevOps	AWS Kubernetes	AWS	No	N/A
Azure AKS	SRE / DevOps	Azure Kubernetes	Azure	No	N/A
Google kubernetes Engine (GKE)	SRE / DevOps	Google Kubernetes	GCP	No	N/A

Kubernetes Installer or Distribution	Role	Ecosystem	Infra Provider	On- Premise	Licence
Digital Ocean Kubernetes	SRE / DevOps	Digital Ocean Kubernetes	Digital Ocean	No	N/A
Alibaba Container Service for kubernetes (ACK)		SRE / DevOps	Alibaba Kubernetes	Alibaba Cloud	No
Oracle Kubernetes Engine (OKE)	SRE / DevOps	Oracle Kubernetes	Oracle Cloud	No	N/A
Terraform (kubernetes the hard way)	SRE / DevOps	Kubernetes Upstream	AWS EKS, Google GKE, Azure AKS, Digital Ocean, Alibaba, Oracle Cloud	No	N/A
Kubespray on Public Cloud	SRE / DevOps	Kubernetes Upstream	AWS, GCE, Azure, Oracle Cloud (experimental)	Yes	OSS

Kubernetes Installer or Distribution	Role	Ecosystem	Infra Provider	On- Premise	Licence
Kubespray on Private Cloud	SRE / DevOps	Kubernetes Upstream	OpenStack, vSphere, Packet (bare metal), or baremetal	Yes	OSS
Conjure-up	SRE / DevOps	Kubernetes Upstream		Yes	OSS
weave.works	SRE / DevOps / Devel	Kubernetes Upstream			
WKSctl	SRE / DevOps	Kubernetes Upstream		Yes	OSS
Caravan	SRE / DevOps	Kubernetes Upstream		Yes	OSS
ClusterAPI	SRE / DevOps	Kubernetes Upstream		Yes	OSS
Kind	Devel	Kubernetes Upstream		Yes	OSS
k0s	SRE / DevOps			Yes	OSS
Ubuntu Charmed Kubernetes	SRE / DevOps / Devel	Kubernetes Upstream			

Kubernetes Installer or Distribution	Role	Ecosystem	Infra Provider	On- Premise	Licence
VMware Pivotal Container Service (PKS)	SRE / DevOps	PKS / Cloud Foundry PaaS (no kubernetes)	vSphere, multi-cloud, public-cloud	Yes	Yes
VMware vSphere 7 with Kubernetes	SRE / DevOps	VMware Kubernetes	vSphere	Yes	Yes
VMware Kubernetes Tanzu (PKS renamed)	SRE / DevOps	VMware Kubernetes	vSphere, multi-cloud, public-cloud	Yes	Yes
Mirantis Docker Enterprise 3.1+ with Kubernetes	SRE / DevOps	Mirantis Kubernetes	multi-cloud, private & public cloud	Yes	Yes
Giant Swarm	Platform Engineers / SRE / DevOps	Kubernetes Upstream	Multi- platform, multi-cloud (AWS, GCP, Azure, vSphere, VMWare Cloud	Yes	OSS

Kubernetes Installer or Distribution	Role	Ecosystem	Infra Provider	On- Premise	Licence
K8e					
Typhoon					
LKE					

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