

Run Kubernetes Everywhere

Multi-Cluster Kubernetes Management

Rancher is an open-source enterprise Kubernetes management platform that helps ITOps address the operational and security challenges of managing certified Kubernetes clusters from the core, cloud and at the edge. It also provides DevOps teams with integrated tools for building and running containerized workloads at scale.

IT OPERATIONS

DEVOPS

Cluster-as-a-Service

Continuous Delivery

Namespace-as-a-Service

Canary, Blue/Green Deployments

Store Capacity

Reactive Autoscaling

Delegate Administration

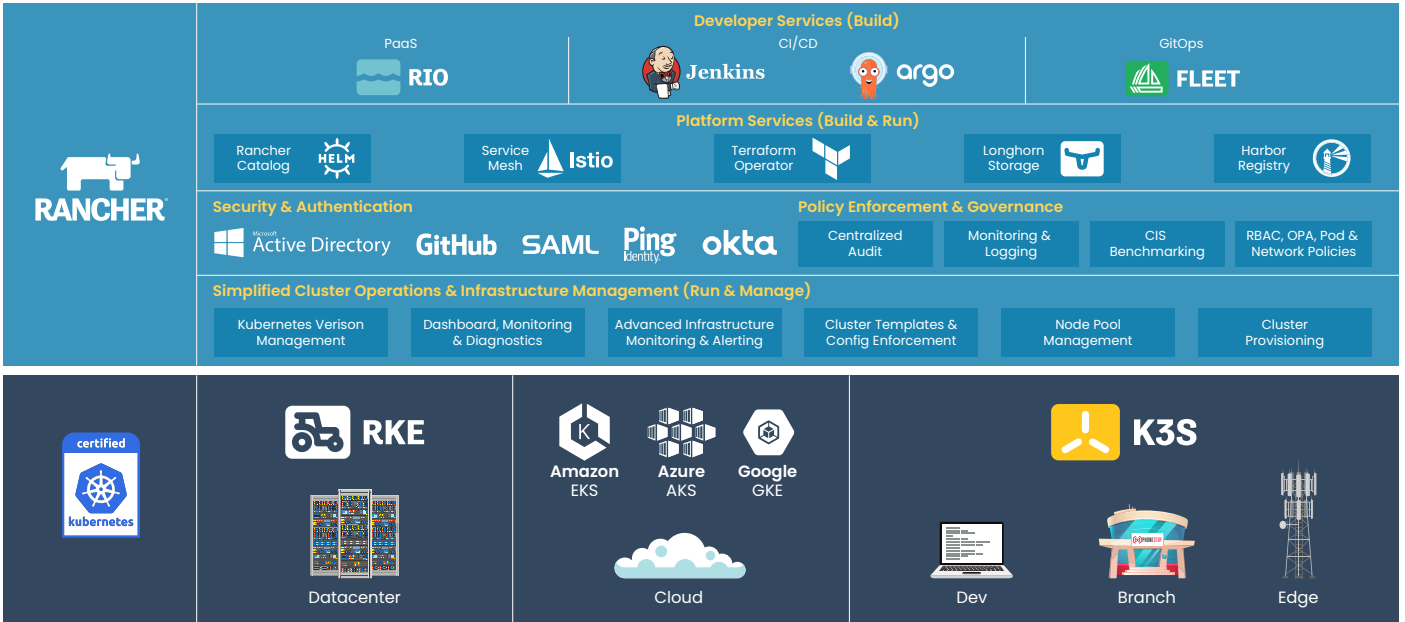
Automate DNS & Load Balancing

Apply Access & Security Policies

SSL, Certs & Secret Management

From data center to cloud to edge,

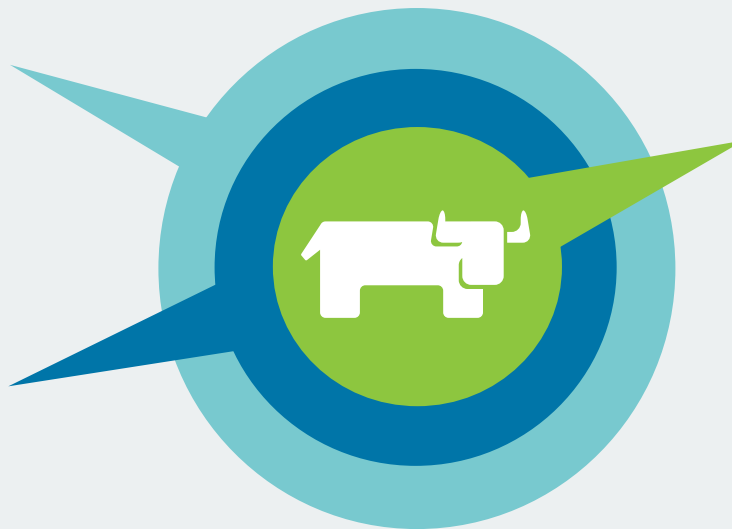
Rancher is your complete enterprise computing platform to run Kubernetes at scale



The Rancher Enterprise Subscription

Onboarding services
Customer success led three phase onboarding plan






Consulting services
Accelerate training, architecture and implementation



24x7 global support
Comprehensive technical support across Rancher

Full Lifecycle Management of Amazon EKS Clusters

How Rancher 2.5 enhances native EKS clusters

Lifecycle Management	Features Required	EKS with Rancher 2.5	EKS only
 Configure & Provision	Enterprise Kubernetes Management	Provision new clusters through Rancher GUI/API Enhanced EKS cluster import	AWS Console; 3rd party tools
 Manage	Infrastructure Management	Enhanced configuration of underlying infrastructure	AWS Console
	Visualize Kubernetes Resources	New Rancher dashboard explores all Kubernetes resources	Kubectl; 3rd party tools
	Integrated Monitoring & Logging	Enhanced Monitoring [Prometheus] Enhanced Logging [Fluentbit / Fluentd]	Manual install
	Simplified Service Mesh	Rancher supported Istio 1.6	Manual
 Secure	Centralized Tooling and Visibility	Centralized RBAC policy definition Centralized Auth CIS Scanning OPA Gatekeeper	Kubernetes native
 Upgrades	Push-button Kubernetes upgrades	Rancher GUI/API upgrades of created and imported clusters	AWS Console; 3rd party tools
 Apps	Easy access to CNCF tools and 3rd party apps	Rancher Certified packages Custom Rancher Catalogs Helm Kubectl	Helm; Kubectl

Hosted Rancher

Want us to look after Rancher while you focus on your downstream Kubernetes operations? Hosted Rancher supports our customer's on-premises and cloud-based infrastructure including EKS, AKS and GKE. To maximize scale-out and security, we've built Hosted Rancher using our proven reference architecture.



Free up your teams to focus on Day 2 cluster operations



Maintain full visibility & control of your clusters



Streamline your release pipeline



Stress-free upgrades, security patches & backups



Remote monitoring and log management



Business continuity for critical infrastructure and applications



Enterprise assurance with our 99.9% uptime SLA



Built using our reference architecture



Lowest TCO helps you build a business case for Kubernetes

What industry analysts say...

“Rancher excels with robust multi-cloud orchestration and security...and...is best for firms seeking an open source, cross-cloud Kubernetes control plane.”

FORRESTER®

What our customers say...



“Working with Rancher means we’re not limited by geography. Regardless of where our customers need connectivity and voice capture, where we’re linked to local networks, we can launch a service instantly.”

Jonathan Gill
Manager, Cloud Engineering



“Rancher make us feel our business is as important to them as it is to us. This level of commitment and care is difficult to find; Rancher’s support team has become an extended part of our team here at WWK”

Michael Maier
Project Lead



Moving into containers has automated many of the processes that, traditionally, absorb time and effort. Without automation, and without Rancher, we would be overloaded.”

Dennis Eijkelenboom
Transformation Lead

Rancher’s Open Source Products



KUBERNETES MANAGEMENT PLATFORM

Rancher centralizes the management of any Kubernetes cluster in order to maximize security and accelerate transformation. Rancher is a Kubernetes Management Platform built to address the needs of both the DevOps teams deploying applications with Kubernetes and the IT staff responsible for delivering an enterprise-critical service.



RKE

CERTIFIED KUBERNETES DISTRIBUTIONS

Rancher Kubernetes Engine (RKE) is a lightweight Kubernetes installer that supports installation on bare-metal and virtualized servers. RKE solves a common issue in the Kubernetes community: installation complexity. With RKE, Kubernetes installation is simplified, regardless of what operating systems and platforms you’re running.



K3S

LIGHTWEIGHT KUBERNETES

K3s is a CNCF Sandbox project and Certified Kubernetes distribution designed for production workloads in unattended, resource-constrained, remote locations or inside IoT appliances. Easy to install, the K3s binary is less than 40 MB, and it requires only 512 MB of RAM to run Kubernetes. Both ARM64 and ARMv7 are supported with binaries and multiarch images available for both.



LONGHORN

PERSISTENT BLOCK STORAGE

Longhorn is a lightweight, reliable, and powerful distributed block storage system for Kubernetes. Now a CNCF Sandboxed project, it creates a dedicated storage controller for each block device volume and synchronously replicates the volume across multiple replicas stored on multiple nodes. The storage controller and replicas are also orchestrated using Kubernetes.

INTERESTED IN LEARNING MORE?

VISIT [RANCHER.COM](https://rancher.com) OR CONTACT US AT SALES@RANCHER.COM

