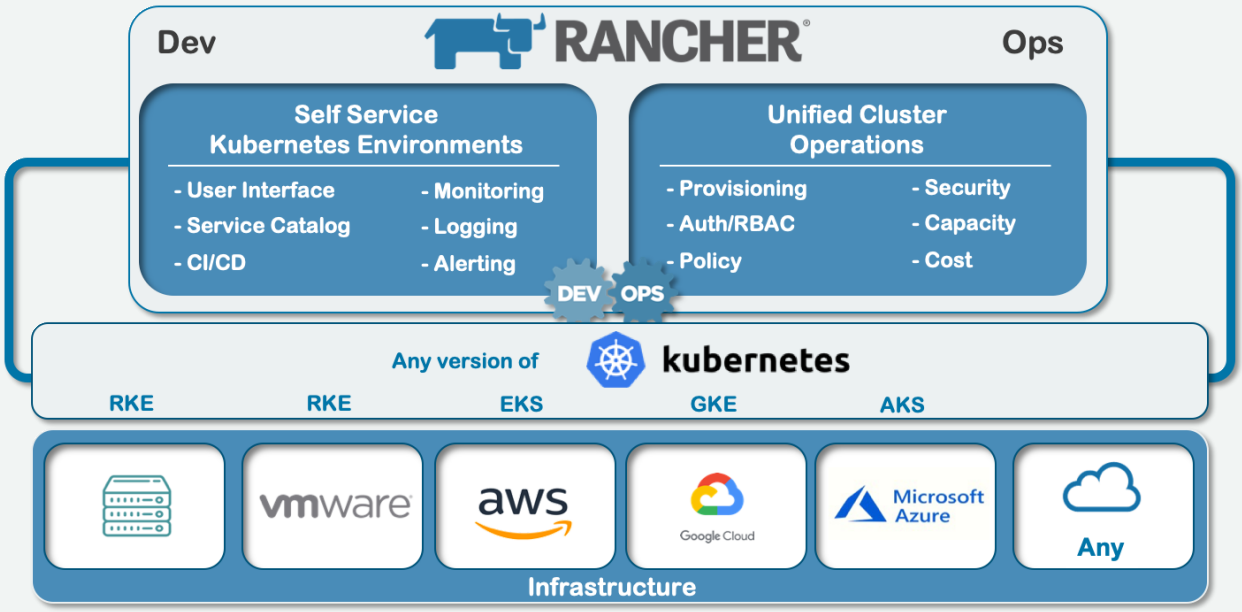
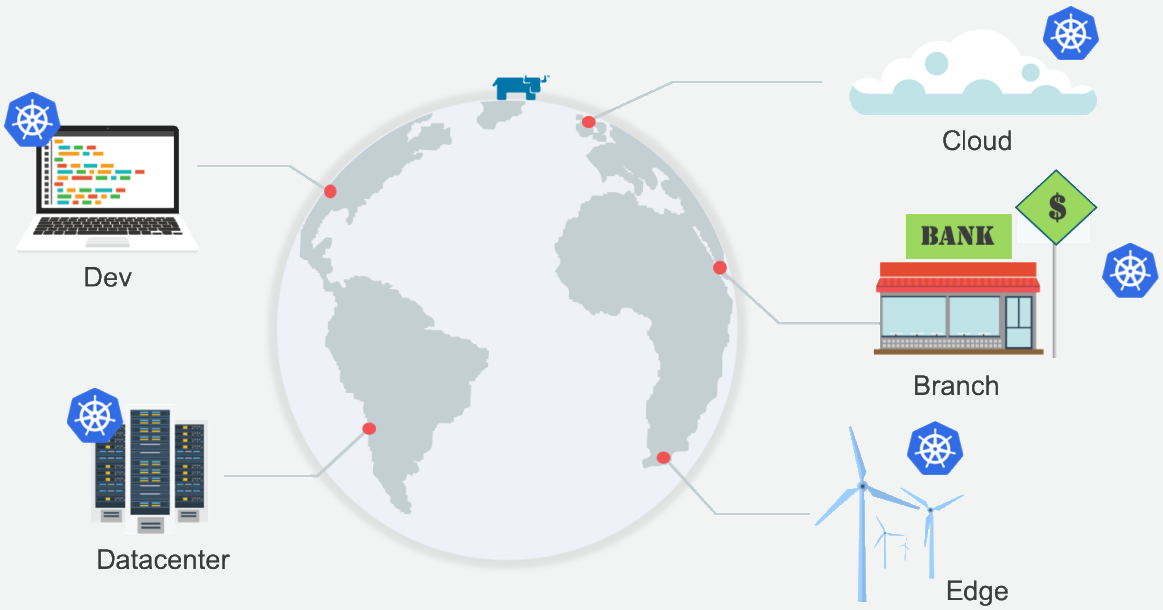
Multi-Cluster Kubernetes Management

Enterprises need **monitoring**, **tracing**, **logging**, **search**, and **visualisation** to be able to manage apps in production, in and outside their datacenter. Rancher is an enterprise-grade, **open-source** Kubernetes **management platform** that helps IT-Ops address the operational and security challenges of managing certified Kubernetes clusters across on-premises, public cloud, hybrid cloud, and the network edge. It also provides Developer teams with integrated tools for building and running containerized workloads at scale.



Run Kubernetes Everywhere™

From datacenter to cloud to the edge, Rancher lets you deliver Kubernetes-as-a-Service



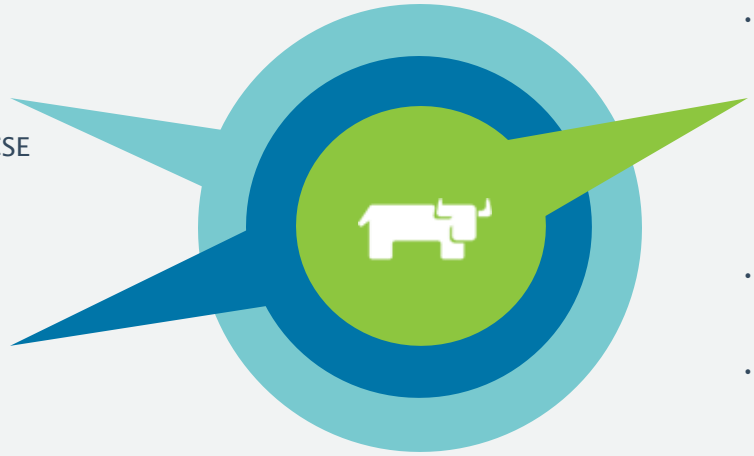
The Rancher Enterprise Subscription

Onboarding services

- Rapid time-to-value
- Assess goals, timeline and future plans
- Track progress and highlight issues with CSE
- Architectural review and best practices
- Assess training needs

Consulting services

- Installation
- Customization
- Ecosystem integration
- Onsite training



24x7 global support

- Rancher provides support on the **entire** cloud native technology stack including Docker, Fluentd, Helm, Istio, Kubernetes, Prometheus, etc.
- Troubleshooting, root-cause analysis, break/fix, security patches.
- Get your own private Slack channel. Quick answers to real world problems! Best practices, architecture, Q&A

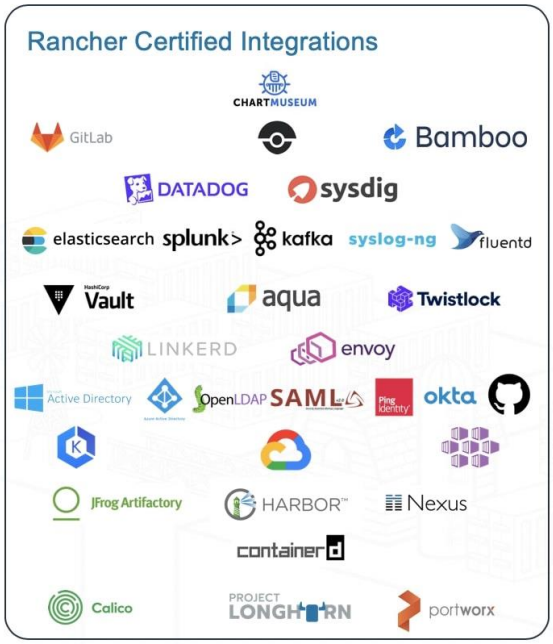
An enterprise subscription gets you support, because we know that Kubernetes can sometimes be difficult to work with. All of the products Rancher Labs creates exist to make Kubernetes easier. Rancher does not have any other horse in the race other than to help you have a better K8S experience across the board, in all clusters, with any provider, with no hidden agenda. No vendor-lock-in with Rancher.

Some reference cases

T-Mobile · Albert Heijn · coop · sky · DB BAHN · Íslandsbanki · TNO innovation for life · BNP PARIBAS · de volksbank · kpn

What does Rancher Enterprise Subscription cover?

This is were we assist



For more information visit rancher.com or email sales@rancher.com

Why is Rancher winning?

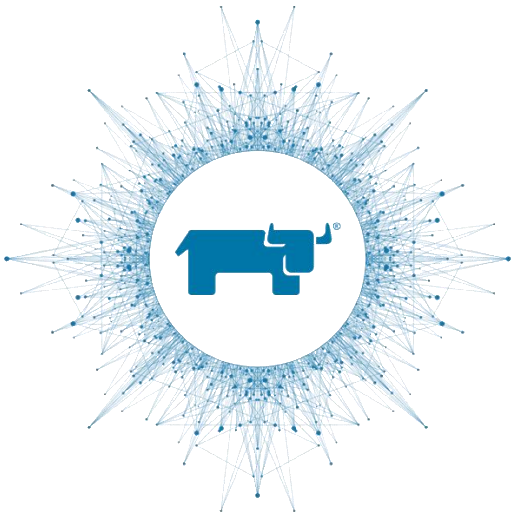
Loved by Developers,
Adopted by IT

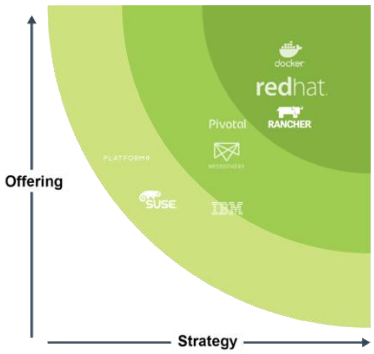
→

Land and
Expand Rapidly

→

Recognized
Category Leader





THE FORRESTER WAVE™

451 Research FIRESTARTER

Gartner COOL VENDOR

You can call our support team to get migration assistance whenever new versions are released, or also when you would like assistance on integration of the Rancher certified integration partners. Questions like: "how do I integrate i.e. Twistlock?", or "how do I integrate Active Directory with Kubernetes?", are questions that fall under the Rancher Enterprise Subscription. We will provide a private Slack channel for you and your colleagues. Quick answers to real-world problems as well as best practices.

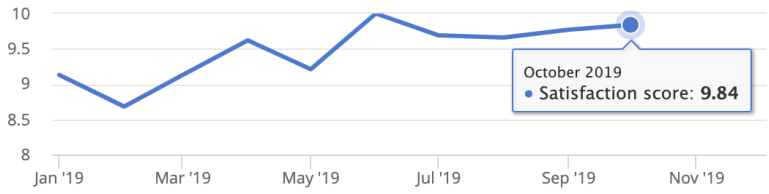
Metrics

What is your Customer Satisfaction Score?

Average Score

9.50

Change: **9.50** ▲

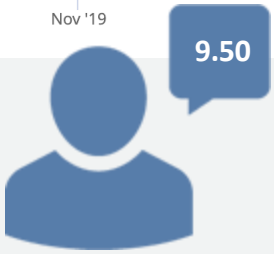


Total Ratings

239

Change: **239.00** ▲

What is your support's team average response median times?



12 min -- Sev1 (150+ tickets)
25 min -- Sev2 (300+ tickets)

How many K8S support engineers do we need to support a small Kubernetes cluster environment using Rancher? Give or take 50 nodes? 24/7/365 support.

For any kind of infrastructure, you normally need a staff of 6. You have 3 employees take 8-hour shifts each day and rotate on-call during weekends, allow for PTO, etc. In terms of amount of work to support a single 50 node Rancher managed cluster, it would require more than one person, but it also depends on the complexity of the workloads that are running and other DevOps/support activities required to operate the hardware, network, storage, backups, security, etc. aspects. If you follow best practices for your clusters, workloads, etc. one person can manage a pretty large cluster.

Rancher Labs offers is 24/7/365 global support.

For more information visit rancher.com or email sales@rancher.com

Rancher Industry Survey on Kubernetes

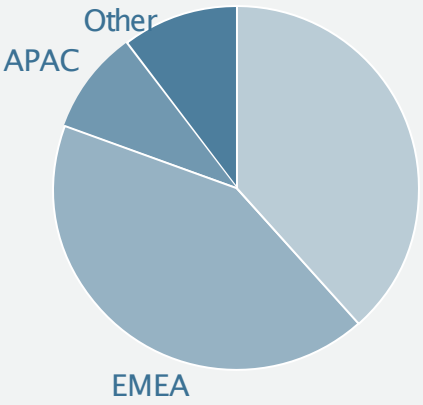
KEY FINDINGS

Widespread multi-cluster, hybrid cloud prevalent, edge use-cases emerging

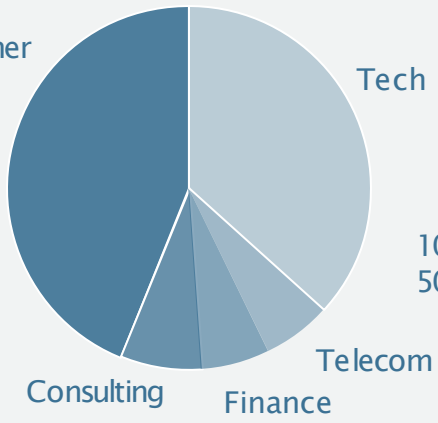
1,106 responders

Survey Demographics

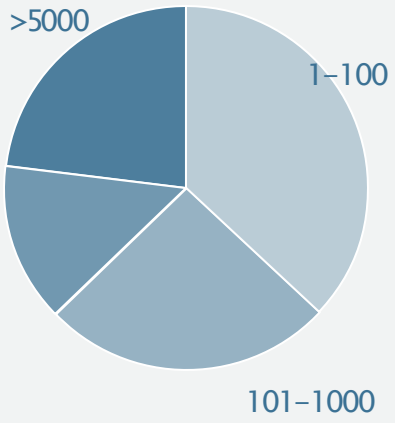
GEO



VERTICAL



COMPANY SIZE



85% Using containers in a production environment

Kubernetes emerges as standard for container management

90% of respondents are Using Kubernetes for orchestrations

Organizations using containers for a variety of use-cases

71% designing microservices

70% customer facing apps

53% modernizing legacy apps

38% moving legacy apps to cloud

Multi-cluster deployments prevalent and rapidly growing

91% running multiple-clusters

46% planning to run multiple-clusters within 6 months

Edge use-cases emerging

15%

https://info.rancher.com/kubernetes-industry-survey-key-findings

Rancher's Open Source Products

KUBERNETES MANAGEMENT PLATFORM

RANCHER

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.

CONTAINER OPERATING SYSTEM

RANCHEROS

RancherOS is a lightweight operating system with a small attack surface that runs all system and user services within Docker containers. RancherOS makes it simple to run containers at scale in development, test, and production. By containerizing system services and leveraging Docker for management, the operating system deliveries a very reliable and easy to manage container-ready environment.

CERTIFIED KUBERNETES DISTRIBUTIONS

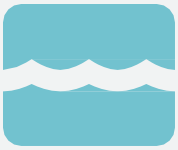
RKE

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

k3s is a 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 512MB of RAM to run Kubernetes. Both ARM64 and ARMv7 are supported with binaries and multiarch images available for both.

MICROPAAS



RIO

Rio is a lightweight, modular framework that delivers a fully integrated experience from pipeline to operations without taking over the cluster or limiting developer freedom. Built for multi-tenancy, a MicroPaaS like Rio will run on any Kubernetes cluster in any substrate.

For more information visit rancher.com or email sales@rancher.com