

### Solution Sheet



# Run Kubernetes Everywhere with Rancher Prime

Rancher Prime is full service Kubernetes management subscription that delivers extensive value via the platform, enterprise services and world class support packages. Comprehensive by design, the Rancher Prime subscription help ITOps teams address the operational and security challenges of managing certified Kubernetes clusters from the core, cloud and at the edge. It also equips DevOps teams with a platform of integrated tools and access to a team of Kubernetes experts to help them build and run containerized workloads confidently at scale.

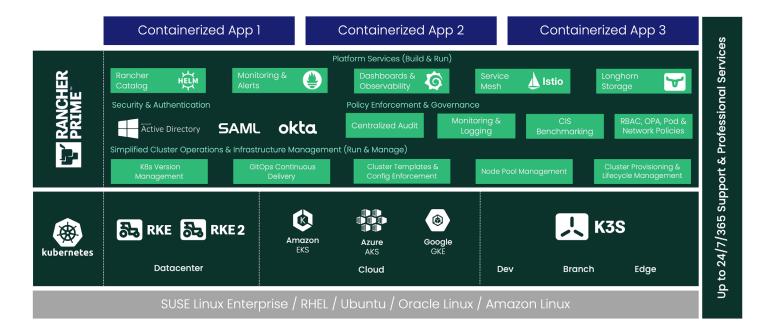
Enterprise Kubernetes	IT Operations	DevOps
Management	Cluster-as-a-Service	Continuous Delivery
	Namescape-as-a-Service	Canary, Blue/Green Deployments
	Store Capacity	Reactive Autoscaling
	Delegate Administration	Automate DNS & Load Balancing
	Apply Access & Security Policies	SSL, Certs & Secret Management



### Solution Sheet

## From data center to cloud to edge

Utilize Rancher Prime to enhance your native Amazon EKS, Microsoft AKS and Google GKE clusters



### Get more value from the Rancher Prime experience





### Multi-cloud & multi-cluster, full lifecycle management

Utilize Rancher Prime to enhance your native Amazon EKS, Microsoft AKS and Google GKE clusters

Lifecyo Manag	cle gement	Features Required	EKS/AKS/GKE with Rancher Prime	EKS/AKS/GKE Only
Ø,	Configuration & Provision	Enterprise Kubernetes Management	Consistent provisioning of any clusters via Rancher Prime Enhanced import proficiency of existing EKS/AKS/GKE clusters	Standard Console; 3rd party tools
းဝိုး	Manage	Infrastructure Management	Enhanced configuration of underlying infrastructure	Standard Console; 3rd party tools
0		Visualize Kubernetes Resources	Rancher Prime cluster-level UX explores all Kubernetes resources	Kubectl; 3rd party tools
		Integrated Monitoring & Logging	Enhanced Monitoring [Prometheus] Enhanced Logging [Fluentbit / Fluentd]	Manual install; Provider specific
		Simplified Service Mesh	Rancher Prime supported Istio	Manual install; Provider specific
	Secure	Centralized Tooling and Visibility	Centralized RBAC policy Centralized Auth CIS Scanning OPA Gatekeeper	Kubernetes Native; Provider Specific
Ŷ	Upgrades	Push-button Kubernetes upgrades	Rancher Prime GUI/API upgrades of created and imported clusters	Standard Console; 3rd party tools
0	Apps	Easy access to CNCF tools and 3rd party apps	Rancher Prime Certified packages Custom Rancher Catalogs Helm Kubectl	Helm; Kubectl; Provider Specific

### Rancher Prime Hosted

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



Free up your teams to focus on Day 2 cluster operations



Remote monitoring and log management



Maintain full visibility & control of your clusters

Business continuity for

critical Infrastructure

and applications



Enterprise assurance with our 99.9% uptime SLA



Streamline your release pipe



Built using our reference architecture



Stress-free upgrades, security patches & backups



Lowest TCO helps you build a business case for Kubernetes



### Solution Sheet

### What industry analysts say...

### What our customers say...



Manager, Cloud Engineering

"Working with Rancher Prime 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."

of where is as important to them as it is to us. This and voice level of commitment and care is difficult al networks, to find; Rancher Prime's support team has

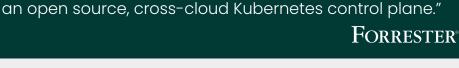
> here at WWK" Michael Maier Project Lead

Kubernetes Management Platform

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"Rancher Prime make us feel our business

become an extended part of our team



" Rancher Prime excels with robust multi-cloud

orchestration and security...and...is best for firms seeking



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

Dennis Eijkelenboom Transformation Lead

### **Our Open Source Products**



RKE 2

Jonathan Gill

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.

#### Secure Certified Kubernetes Distribution

Rancher Kubernetes Engine 2 (RKE2) is a fully conformant Kubernetes distribution. Focusing on compliance and security, RKE2 is enabled with FIPs 140-2 compliance and provides default configurations for clusters to pass CIS Benchmark requirements. RKE2 does not rely on Docker and inherits the RKE upstream Kubernetes alignment alongside K3s simple deployment model.

### 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.

#### 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.

### Hyperconverged Infrastructure



Harvester is a modern Hypercoverged infrastructure (HCI) solution built using enterprise-grade open source technologies including Kubernetes, Kubevirt and Longhorn.

#### For more information, contact SUSE at:

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