

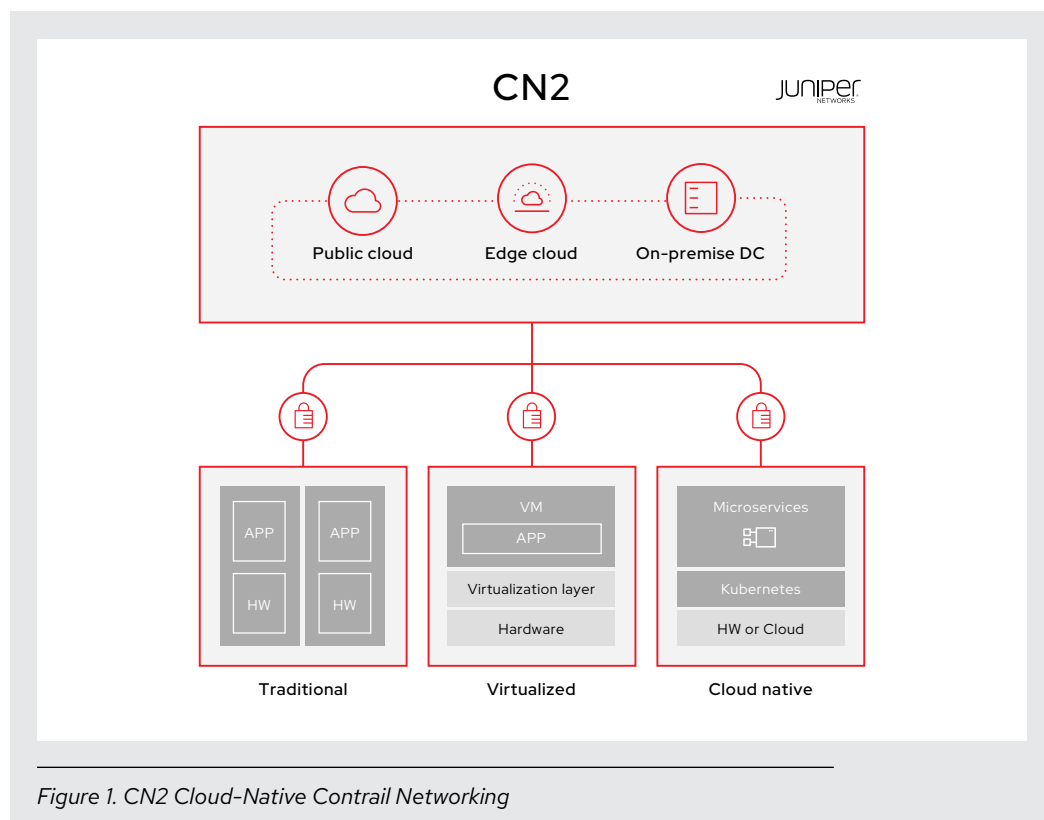
Red Hat and Juniper create a simplified path to cloud computing

Modern telecommunications cloud platforms need to support their workloads

Red Hat® OpenShift® and Juniper Cloud-Native Contrail Networking (CN2) help your organization build cloud-native microservices while managing existing applications.

Typically, service-specific and vendor-locked, first-generation virtualized clouds built for 4G workloads were inflexible and difficult to replicate at scale. Today, a new cloud-native economy has emerged as more network operators deploy distributed and global 5G networks. With this new economy comes the increased need for improved operational economics and faster time to innovation.

Red Hat OpenShift and Juniper Cloud-Native Contrail Networking (CN2) help you maintain continuity with existing services while building container and Kubernetes platforms for modern telecommunications service provider (telco) cloud computing.



Container-based solutions to meet evolving needs

Red Hat OpenShift Container Platform provides a Kubernetes platform that supports any application in any environment. From big data and edge computing for the Internet of Things (IoT) to 5G deployments and application modernization initiatives, Red Hat OpenShift delivers consistent management and operations of the underlying Kubernetes infrastructure.

To help organizations modernize their applications and infrastructure, Red Hat OpenShift Container Platform provides:

- ▶ A consolidated view of clusters and a consistent management layer in both on site and public cloud environments.
- ▶ A wide selection of integrations from an expanding ecosystem of partners.
- ▶ Access to all of the capabilities of a complete Kubernetes platform with a highly available, smaller environment for edge architectures.

Automated, cloud-native networking

Juniper CN2 is a Kubernetes-native, software-defined networking platform that acts as an extension to Red Hat OpenShift's infrastructure layer. Juniper CN2 automates the creation and management of virtualized networks to simplify multicloud and hybrid cloud networking. Juniper CN2 offers IT teams investment protection, flexibility, agility, and improved economics. Other features include:

- ▶ One-to-many operational economics with a single point of operations for multicloud management.
- ▶ Cloud-native networking with hybrid cloud and multicloud consistency for better operational economics.
- ▶ NetOps-driven automation with simple, repeatable continuous integration and continuous delivery (CI/CD) cloud processes at the telco scale.

A modern partnership for building scalable applications

Red Hat OpenShift and Juniper CN2 are integrated to let you manage three layers of infrastructure—physical, virtual, and hybrid cloud environments—from a single, unified interface, all with an integrated Kubernetes architecture built to thrive in the cloud-native economy.

- ▶ Automate your network management with control over three layers of the infrastructure.
- ▶ Precision management allows you to scale and modernize applications with ease.
- ▶ Maintain continuity with existing networks.

Take a collaborative path to multicloud

[Learn how](#) Red Hat and Juniper can help you create, deploy, and manage applications within multicloud environments.



About Red Hat

Red Hat helps customers standardize across environments, develop cloud-native applications, and integrate, automate, secure, and manage complex environments with [award-winning](#) support, training, and consulting services.

About Juniper

Juniper Networks are dedicated to dramatically simplifying network operations and driving superior experiences for end users. Their solutions deliver industry-leading insight, automation, security, and AI to drive real business results. Juniper Networks believe that powering connections will bring everyone closer together while empowering users all to solve the world’s greatest challenges of well-being, sustainability, and equality.

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