

# JUNIPER CONTRAIL AND CITRIX

## Accelerate cloud results with the only future-proofed, application-centric solution proven to orchestrate both existing and cloud era workloads.

Citrix CloudPlatform, powered by Apache CloudStack, is the industry's only future-proofed, application-centric cloud solution proven to reliably orchestrate both existing enterprise workloads and cloud native workloads within a single unified cloud management platform. CloudPlatform combines the best private cloud foundation for enterprise workloads like CRM and ERP with true Amazon-style scale, elasticity, and operational efficiency for cloud era workloads like social applications, Big Data, and HPC. The mature, turnkey solution is based on open source Apache CloudStack, and it lets you leverage existing hypervisor, storage, and network investments. CloudPlatform delivers the fastest time-to-value, powers the world's leading clouds, and is recognized as a market leader by industry experts.

## Contrail—the open SDN controller

Juniper Networks® Contrail is a simple, open, and agile software-defined networking (SDN) solution that automates and orchestrates the creation of highly scalable virtual networks. These virtual networks let you harness the power of the cloud—for new services, increased business agility, and revenue growth.

Juniper and Citrix have partnered to integrate CloudPlatform with Contrail to bring the power and agility of networking virtualization to service providers and enterprise data centers, eliminating complex VLAN implementations and supporting cloud workloads with flat, secure, SDN-enabled virtual networking groups.

*"Juniper's Contrail SDN controller brings unprecedented network agility to enterprise and service provider cloud deployments. By partnering with Juniper, Citrix is able to simplify networking for any workload, traditional or cloud era."*

— Krishna Subramanian, VP Marketing, Citrix Cloud Platforms Group

## The joint solution is:

- **Open/Platform agnostic.** Together, Juniper and Citrix are delivering an open solution that supports a wide variety of hypervisors, protocols, and platforms. Customers have the complete freedom to choose the right technology for any workload, traditional enterprise or cloud era.
- **Massively scalable.** The solution meets the needs of the largest global service providers, orchestrating tens of thousands of physical or virtual servers in multiple, geographically distributed data centers, while allowing the resultant cloud(s) to be easily managed via a user-friendly single-pane-of-glass interface.
- **Highly efficient.** Contrail supports CloudPlatform's dynamic workload management that automates the distribution of compute and storage across a virtual network, while adhering to defined policies on load balancing, data security, and compliance. A real-time view of aggregated network, storage, IP pools, CPU, memory, and other resources in use gives service providers the visibility and control they need to remain competitive.
- **Supported by a strong ecosystem.** CloudPlatform is the center of a vibrant ecosystem spanning over a thousand certified Citrix cloud applications, hundreds of CloudPlatform Certified Partners, and tens of thousands of members of the CloudStack.org open source community. Jointly developed and supported integrations allow customers to take advantage of complementary solutions from vendors such as Cisco, NetApp, and CA.
- **Part of a complete solution.** Service providers benefit from the fact that CloudPlatform is delivered as a single vendor, end-to-end solution. Providers choosing the Citrix/Contrail platform can take advantage of a turnkey solution offering simple deployment, experienced professional services for design and architecture support, and an integrated management experience, resulting in lower risk, shorter time-to-value, and reduced operational costs.

## About Juniper Networks

Juniper Networks is in the business of network innovation. From devices to data centers, from consumers to cloud providers, Juniper Networks delivers the software, silicon and systems that transform the experience and economics of networking. The company serves customers and partners worldwide. Additional information can be found at [www.juniper.net](http://www.juniper.net).

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9030274-001-EN Sept 2013

 Printed on recycled paper

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