

BUILD A FLEXIBLE SOFTWARE-DEFINED DATACENTER

BROCHURE



In a survey of more than 500
global business executives,

73%

are moving to the cloud to
improve business performance.¹

Additionally,

67%

of business executives are
looking to the cloud to rapidly
deploy new solutions.¹

With Red Hat and Brocade, you
can build a flexible, software-
defined datacenter architecture
that accelerates service innova-
tion and deployment, improves
business agility, and transforms
your IT organization, all while
reducing costs.

NETWORK EVOLUTION AND THE SOFTWARE-DEFINED DATACENTER

New business and operational models require IT organizations to shift from legacy, hardware-centric infrastructures to open, agile, software-defined datacenters. In the process, they must also transition from an infrastructure maintenance role to that of internal service provider. Networking plays a central role in the software-defined datacenter. Without careful management, legacy networks can limit your ability to take advantage of next-generation technologies.

Open technology leaders Red Hat and Brocade deliver innovative OpenStack® solutions that let you deploy a software-defined environment alongside your legacy infrastructure. These solutions unify legacy and next-generation networks, allowing you to accelerate service innovation and transform your IT organization, while protecting existing investments and reducing costs.

ACCELERATE INNOVATION AND TRANSFORM I.T.

As business models change and the pace of business accelerates, IT must evolve to keep up. Red Hat® and Brocade OpenStack solutions let you accelerate IT and new service innovation and deployment. With a software-defined datacenter, you can quickly create and deploy services for tenants and elastically scale those services on demand. With faster IT response times, you can reduce the risk and costs associated with shadow IT and regain control of unsanctioned assets. All of this helps transform your IT organization into an effective, efficient internal service provider.

REMOVE FINANCIAL BARRIERS AND REDUCE RISK

Driving cost efficiencies is the top use for cloud technologies for 49% of technology industry leaders.¹ Red Hat and Brocade OpenStack solutions reduce costs through operational efficiency and service automation, freeing resources and budget needed to implement new, emergent architectures, processes, and services. Subscription pricing eliminates high up-front costs of software licenses and hardware, shifting capital expenses (CapEx) to operational expenses (OpEx) and lowering both the cost and risk of implementing new datacenter technologies.

UNLOCK YOUR CHOICES

With multiple offerings for nearly every technology available, you need to be able to choose what is right for your organization. Built on open architectures, Red Hat and Brocade OpenStack solutions deliver both infrastructure and budget flexibility. A broad ecosystem of certified partners and solutions ensures interoperability and allows you to deploy industry-leading components at will, without compromise. Plus, with a unified infrastructure from Red Hat and Brocade, you can protect legacy investments while taking advantage of the latest innovations.

ENTERPRISE-GRADE CLOUD PLATFORM AND OPERATIONS

The expert in making open technologies safe, secure, and consumable for commercial use, Red Hat brings OpenStack to the enterprise with the tested, hardened, and fully supported Red Hat Enterprise Linux® OpenStack Platform. Adding Red Hat CloudForms to your cloud environment lets you streamline cloud operations and unifies physical, virtual, and cloud infrastructure management.

¹ KPMG, "2014 Cloud Survey Report: Elevating Business in the Cloud," December 2014.



ABOUT RED HAT

Red Hat is the world's leading provider of open source solutions, using a community-powered approach to provide reliable and high-performing cloud, virtualization, storage, Linux, and middleware technologies. Red Hat also offers award-winning support, training, and consulting services.

Red Hat is an S&P company with more than 80 offices spanning the globe, empowering its customers' businesses.

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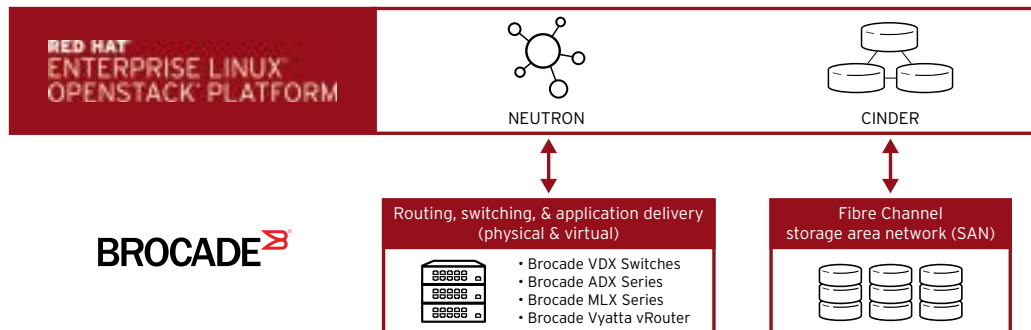


Figure 1. Red Hat and Brocade OpenStack solutions form an ideal foundation for your software-defined datacenter.

OPEN, AGILE DATACENTER NETWORKING

A leader in datacenter and storage networking, Brocade delivers flexible physical, virtual, and storage networking solutions based on open architectures and certified on Red Hat Enterprise Linux OpenStack Platform, as shown in Figure 1. Brocade VDX switches, with Brocade VCS Fabric technology, simplify and automate deployment of scalable, cloud-optimized networks. Brocade also offers an industry-leading suite of network functions virtualization (NFV) solutions with the Brocade Vyatta vRouter and the Brocade Virtual ADX application delivery switch. These solutions help organizations build fast, effective, and secure networks in environments where agility and automation are critical. Together, Brocade NFV solutions feature high-performance virtual routing, stateful firewall, virtual private network (VPN) functions, and Layer 4-7 application delivery services.

CONCLUSION

Evolving, fast-paced business processes require IT organizations to become more responsive and shift to a service provider role. With flexible networks and an open architecture, Red Hat and Brocade OpenStack solutions let you accelerate and transform IT, deploy services faster, and implement a software-defined datacenter that prepares you for the future. Contact your Red Hat or Brocade sales representative to learn more about building a software-defined datacenter.

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