Dell Private Cloud – Red Hat OpenShift

Full ease ahead with Red Hat and Dell

90% of IT organizations say their overall IT environment has become more complicated in the past two years.[1]

They're under pressure to modernize their virtualization estate and adopt new application architectures. They also need to build, train, and deploy AI models while facing skills gaps and rising costs.

Build now and for the future
Run virtual machines, containers and AI/ML workloads on a single appliance so you can modernize existing applications and build new ones.

Grow on a trusted platform
Confidently build, deploy, and run applications on a rigorously tested and scalable appliance.

Simplify with a flexible infrastructure
Strategically scale with powerful infrastructure to meet your workload and performance needs.

Simplify your transformation journey with innovative infrastructure and an open platform to make it soar.

Dell Private Cloud – Red Hat OpenShift is the first fully integrated application delivery platform purpose-built for Red Hat OpenShift. Jointly engineered with Red Hat, it transforms how you deploy, manage, and run containers, alongside virtual machines, on-premises.

Accelerate time-to-value and eliminate management complexity with deep integrations and intelligent automation between layers of Dell and OpenShift technology stacks.
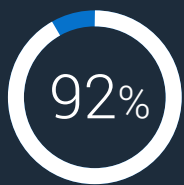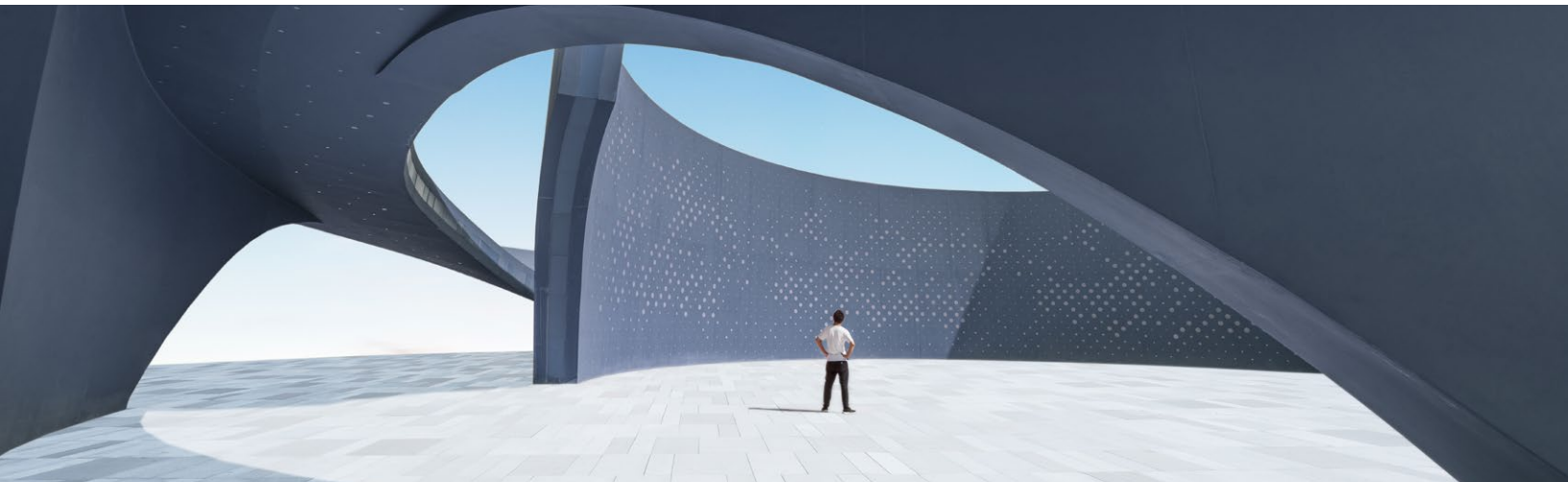
Deliver performance, security, and linear scalability to meet even the most stringent SLAs with a bare metal architecture.

Maintain a strong security posture with intrinsic multi-layer security, rapid availability of patches and updates, and centralized OpenShift governance.
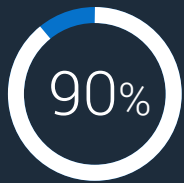
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92%

less time for expansion[2]

13,000
hours of testing
before each release
delivers a continuously
validated state[3]

90%

faster deployment and
upgrades[4]

Ease your journey to the future

Prepare for today's demands and tomorrow's innovations. Dell Private Cloud – Red Hat OpenShift Foundation Software seamlessly extends Red Hat OpenShift capabilities to create a streamlined, automated operational environment with integrated intelligence that bridges the Dell and OpenShift technology stacks. Administrators can effortlessly manage infrastructure, clusters, and applications all within the intuitive OpenShift Web Console. Now, on a single appliance, you can modernize VM workloads and facilitate the deployment and management of containerized applications and AI/ML solutions.

Grow on a trusted platform

Elevate your IT environment by deploying OpenShift with a bare metal implementation on-premises, unlocking cost-efficiency and simplifying complexities. This approach enhances application performance and bolsters security through intrinsic multi-layer protection, ensuring a continuously validated state. With these robust security measures, you gain peace of mind and confidence to achieve your expected outcomes. Trust in a platform that meets today's requirements and is prepared to support your future ambitions.

Your workloads never had it so good

Transform your IT operations with customization to meet your unique workload requirements. The Dell Private Cloud – Red Hat OpenShift Foundation Software, which provides the seamless integration with Red Hat OpenShift, requires block storage. You have the choice of using PowerStore, PowerFlex, or Red Hat OpenShift Data Foundation, and can utilize existing PowerStore and PowerFlex appliances.

For supplemental storage, you can seamlessly connect to any Dell storage offering to support your block, file, and object needs. This is especially important for the growing number of AI workloads that need the file and object support provided by PowerScale and ObjectScale.

Optimized for AI, this platform supports Intel 5th Generation Xeon Processors and a variety of NVIDIA GPUs, ensuring peak performance for your most demanding applications. Leverage Dell Validated Designs for Red Hat OpenShift AI use case guides to achieve valuable business outcomes with your data.

DELLTechnologies

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Red Hat

Adoption at scale

Dell Services focuses on the people, processes, and workload aspects of multicloud containerization, so developers have the freedom to innovate and scale applications without friction, reducing operational costs. Our services team can help you identify, modernize, and migrate the optimum application mix to the Dell Private Cloud – Red Hat OpenShift, and simultaneously help integrate Kubernetes into your DevOps culture. With Dell Managed Services, you can focus more on delivering IT services to your business, and your business can focus on delivering innovation and growth.

Our partnership.
Your value.

With a deep partnership spanning more than two decades, Red Hat and Dell Technologies have co-engineered technologies that make digital transformation a breeze. Our pre-tested, pre-validated, and pre-integrated solutions are at the heart of successful, respected organizations around the world. Add in guidance from ePlus, and you've got the expertise and experience you need to build an environment that works for you.

Streamlined, consistent management of hybrid cloud infrastructure. More scalable and reliable telecom networks. AI that's accessible and available. Elegant, simple, powerful solutions brought to you by the experienced names you know and trust.

Together, we're smoothing your path to digital transformation.

Full ease ahead with Red Hat, Dell, and ePlus.

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