DellTechnologies

Dell Cloud Platform for Red Hat OpenShift and Dell Technologies Services

Build your Multicloud by Design

Agility creates a strong culture of creativity and innovation

The need for business agility is driving decisions in every organizational level these days, putting even more pressure on the one that runs the business: the IT organization. In order for a business to garner new customers and retain existing ones, new or improved services must be developed, and quickly. This need has fueled the rise in container platforms, providing development teams with the ability to develop code in new, agile ways. But contrary to the business desire to have data on-premises, much of this development is taking place in the public cloud. The reason, is most IT organizations either don't have the time or they lack the specific skills to keep up with the pace of change in container technologies.

By 2028, more than

95%

of global organizations will be running containerized applications in production[1]...

The Flexera 2023 State of the Cloud Report states the following:

68%

of respondents say optimizing container costs is a challenge[2]

Empower cloud-native development across a multicloud environment

IT organizations can address these challenges with Dell Cloud Platform for Red Hat OpenShift and Dell Technologies Services. Regain the confidence of your development teams by providing IT delivered services they need, when they need them.
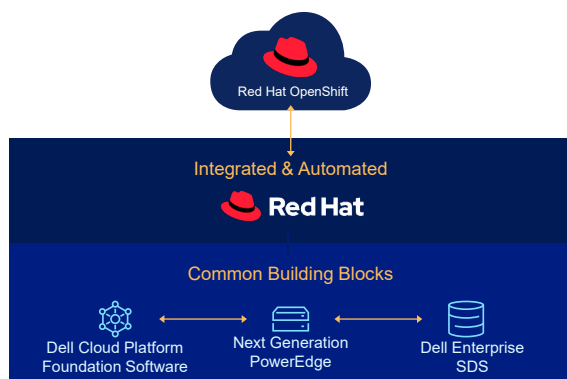
Align on organizational needs and design a plan that meets them

Cloud is a journey that begins with understanding your future desired state. Clearly, without this knowledge, it is difficult to plot your course and impossible to know when you've arrived.

When defining your multicloud architecture and developing an understanding of what you need, Dell begins by looking closely at your business and existing infrastructure. This includes defining your application and data strategy for multicloud, and how to accelerate onboarding your applications to the cloud to improve developer productivity.

Many customers overlook the needs of their cloud consumers whose needs are an important aspect of your future state. What will they need to be productive and innovate? What tools and processes will you need to build into the plan for them? Take time to gauge your IT organization's cloud readiness and skills, assessing if there is education needed to support and deliver services your cloud consumers will need. Aligning development with IT will ensure a successful outcome that accounts for your people, processes, and workloads.

Put your strategic plan into action and begin launching your Dell Cloud Platform architecture

With strategy and roadmap in hand, stakeholders aligned, and infrastructure selected, there are many tasks that Dell can help you with before the cloud platform arrives on on-site, starting with your application portfolio. During the strategy phase, you reviewed the cloud needs of the business, including application cloud landing zones. With your to to-be state defined, you can analyze your application portfolio, validating what applications will be a good fit for the new cloud, and how to get them there.

Plans on how to reduce business interruptions and achieve a non-stop resilient business is also important to address during this phase. Optimizing how your IT organization will operate in a cloud model, including maintaining ongoing governance, management, and operationalization of cloud services, as well as roles and responsibilities across teams is also important to review.

Once the infrastructure is deployed, you can begin creating and delivering foundational container services for your developers. For multicloud environments, your team can take advantage of the power of containers and Kubernetes to accelerate the development and deployment of applications consistently, anywhere across on-premise, public clouds, and edge. Development teams can seamlessly integrate this new container platform into their application development pipelines, automating their consumption of this new platform whilst speeding up the deployment of resilient and secure cloud-native applications.

Operationalize your cloud and speed IT service delivery

Now that your infrastructure is implemented and you have the tools and processes in place for IT to deliver cloud services, it's time to operationalize your cloud infrastructure. Dell will help you move applications and data to Dell Cloud Platform for Red Hat OpenShift to accelerate cloud adoption. In many cases, migration will include application upgrades and modernization for cloud, i.e., to become cloud-native. Now is also the time to evaluate how to reduce toil, costs and increase the speed and security of your application and data pipelines, by improving communication between development and operations, and embracing Site Reliability Engineering best practices.

During this important phase, you may uncover projects that are outside your team's skillset, or that they may not have time to address. Dell has certified technologists who will act as an extension of your IT staff, designing and driving specific outcomes that improve processes and accommodate business growth.

Gauge whether the cloud is meeting success metrics and fine-tune accordingly

Measuring and improving IT services delivered is key to keeping cloud stakeholders engaged, productive and innovating. For data scientists, getting meaningful information out of the data can be vital to many areas of the business. For cloud consumers, they might be more productive with an improved digital portal for requesting IT services. Implementing tools to continuously measure and prove key success criteria for cloud consumers can influence many areas of the IT roadmap, with positive outcomes retaining much needed talent. Keeping systems running and optimal is also important to continued productivity, with Dell's proactive and predictive support. Lastly, engage Dell managed services to keep your team focused on innovation.

Make Dell Services your multicloud by design partner

Our outcome focused approach will accelerate your ability to deliver a multicloud by design that will drive your business forward, harmonizing business and IT strategies. With Dell as your trusted partner, you can focus more on delivering services to your business and your business can focus on delivering innovation and growth.

Over 24 years in partnership with Red Hat

Our co-engineered solutions, services and technical expertise provide you with a more complete partnership to drive outcomes and accelerate digital transformation.

✓ Red Hat Premier Global Partner

✓ First natively integrated solution purpose-built for Red Hat OpenShift

Take the next step in your path to modernization

Dell Technologies Services offers an extensive portfolio of services for Red Hat technologies to empower your teams and help you realize your business outcomes.

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