Modern application development

Modernize security-focused applications across containers and virtual machines

Highlights

Develop and deploy modern cloud-native applications with Red Hat OpenShift while supporting traditional applications in OpenShift Virtualization.

Deliver business continuity and synchronous and asynchronous disaster recovery for Red Hat OpenShift applications, cluster objects and configurations with Portworx Enterprise, Portworx Backup and Portworx DR.

Supercharge your developer productivity with Portworx Data Services yielding integration with popular databases and data services.

Manage disaster recovery in a particular metro zone or across regions, on-premise, in a cloud, or in a fully managed deployment like OpenShift Service on AWS.

Accelerate Red Hat OpenShift deployments with robust architecture components, accelerators, and software from Intel.

Achieving competitive advantage in a cloud-native world

A cloud-native approach offers scalable, flexible, and resilient applications that can change rapidly to match dynamic customer demands. Businesses can gain a competitive advantage through increased efficiency, better economics, and improved availability by using on-premise, hyperscale, or hybrid clouds. To this end, many organizations are experimenting with bringing serverless frameworks, business intelligence, artificial intelligence, and machine learning (AI/ML) technologies into their workloads. Developers are adopting DevOps practices and continuous integration and development (CI/CD) to facilitate rapid innovation and application evolution without affecting service delivery.

Though compelling, organizations can face significant challenges reconciling the promise of cloud-native approaches with the realities of their existing environments. Even as they adopt new cloud-native development practices and microservices, most organizations must continue to support existing applications built with traditional architectures and languages. Infrastructure often consists of a mixture of platforms resulting in operational inefficiencies—the remnants of infrastructure decisions made on a project-by-project basis rather than strategically. Even as they embrace new cloud-native technologies, organizations must ensure data and application availability and business continuity across all of their applications and infrastructure—both new and old.

Converge Technology Solutions

Converge Technology Solutions can help with sophisticated operational health assessments and operational efficiency consulting. You gain a clear strategy for maintaining your current business applications and processes while adopting new application modernization methodologies. Converge can even help with adoption and change management, making your team more agile and helping to retain the resources you have already built.

Converge can help evaluate the benefits of a hybrid cloud deployment strategy for specific workloads, providing guidance that includes:

- Optimizing resources by consolidating traditional and cloud-native applications onto a common platform.
- Deciding if and when to rehost, refactor, rebuild, or retire and replace applications and workstreams.
- Building a business continuity, DevSecOps, and disaster recovery plan that fits your specific business needs.

Converge Technology Solutions provides ongoing troubleshooting and maintenance support to ensure the continued health of your environment. Services continuously evaluate operational efficiencies, cloud migration strategies, and the best use of hybrid committed spend. Converge can even help onboard your DevOps teams, providing training and enablement throughout your project life cycle.

Converge Technology Solutions provides a range of services, including:

- Application modernization.
- DevOps.
- Container platforms and Kubernetes.
- Integration and middleware.
- IT automation and orchestration.
- Observability and intelligent operations.

A complete yet flexible, cloud-native solution

With an extensive ecosystem that includes advanced technologies from Red Hat, Portworx, and Intel, Converge helps advance positive business outcomes, including:

- Modernize development and deployment of cloud-native applications with Red Hat® OpenShift®.
- Adopt flexible consumption models, on-premise, at the edge, and in the cloud—either self-managed and/or fully managed with Red Hat OpenShift Service on AWS.
- Facilitate application modernization strategies by rehosting traditional applications in Red Hat OpenShift Virtualization.
- Bring data scientists, developers, and IT together on a unified platform to deliver AI-enabled applications in less time with Red Hat OpenShift AI.
- Support stateful applications through full-service Kubernetes storage and data management with Portworx Enterprise.
- Provide application-aware, container granular application and data backup and recovery with Portworx Backup.
- Achieve zero data loss, zero-recovery point objective (RPO), low-recovery time objective (RTO) disaster recovery to meet your service-level agreement (SLAs), move data smoothly between on-premise and the cloud, and protect your data from ransomware attacks and other disasters with Portworx DR.
- Accelerate developer productivity and deliver more applications with shorter development life cycles with Portworx data services.
- Benefit from Intel accelerations such as Intel® Software Guard Extensions (Intel® SGX), Intel® Advanced Matrix Extensions (Intel® AMX), Intel® QuickAssist Technology (Intel® QAT), and Intel® Trust Domain Extensions (Intel® TDX) tested and optimized with Red Hat OpenShift.
- Incorporate Amazon EC2 M7i and M7i-flex instances for improved price-performance compute workloads featuring 4th Generation Intel Xeon Scalable processors.
- Extend portability across the hybrid cloud from on-premise to public cloud—all with a common user experience.

Whether you are onboarding new applications or strategically planning to modernize your application development and deployment processes, Converge Technology Solutions can help you navigate the options. With industry-leading solutions from Red Hat, Portworx by Pure Storage, Intel, and Amazon Web Services (AWS), Converge Technology Solutions can help you plan, optimize, deploy, and support the right mix of technology and deployment options to best meet your business needs—today and into the future.

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.

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