



Red Hat Consulting reduces major downtime with Red Hat OpenShift



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What does Red Hat OpenShift at scale mean?

It describes a unique architecture that deploys Red Hat OpenShift on top of Red Hat OpenStack, building redundancy that creates fault tolerance for critical workloads.

Overcome modern IT challenges with modern IT infrastructure

Across industries, enterprises grapple with common IT infrastructure challenges that traditional systems cannot address. These challenges include:

Reliability and resiliency assurance

Enterprises cannot afford downtime for their critical workloads. Even short outages can disrupt operations, IT productivity, and end-user experiences. A reliable, highly available, and fault-tolerant infrastructure is integral for revenue generation and customer satisfaction.

Rapid growth and cost management

To keep pace with market demands, organizations must be able to rapidly develop new applications while maintaining existing ones, and ensure high availability for all. They need a robust platform that is capable of handling workloads on various infrastructures in order to minimize variable costs, especially amidst fluctuating scaling operations.

Fragmentation and friction

IT departments are tasked with establishing an enterprise framework that can facilitate IT automation at scale, spanning hybrid cloud and edge deployments. But without a unified platform, they cannot efficiently create, share, and manage automation processes. Fragmented processes hinder collaboration between cross-functional teams, leading to inefficiencies and delays.

Successfully implement Red Hat OpenShift at scale with Red Hat Consulting

To help solve these IT challenges, enterprises are engaging Red Hat Consulting to implement Red Hat OpenShift as the basis of a fault-tolerant and resilient hybrid cloud solution for managing their IT infrastructure.

Red Hat OpenShift is a unified application platform suitable for all types of workloads, including traditional applications, containers and microservices, and virtual machines (VMs). When implemented at scale, Red Hat OpenShift deploys a triplet of purpose-built clusters to host the infrastructure and services required for an additional layer of virtualized clusters. This approach creates a highly available, highly resilient infrastructure.

Paired with the proven expertise of Red Hat Consulting, Red Hat OpenShift goes beyond conventional limits to provide scalability, flexibility, and reliability for enterprises that need to manage large hybrid cloud deployments and host critical applications.

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Traditional systems are often inadequate to meet today's security challenges. However, businesses using modern corporate strategies are still facing significant IT obstacles, such as reliability, resilience, security, compliance, and efficiency. Combining Red Hat® OpenShift® with the expertise of Red Hat Consulting can address these challenges. Read this overview to discover how Red Hat consulting can give your business increased confidence.