RED HAT CONSULTING OBJECT STORAGE SMART START

DATASHEET

INTRODUCTION

As more enterprises generate petabytes of unstructured data and files, the challenge to meet the growing demands of storage without sacrificing performance or reliability has never been greater. To meet today's workload demands—and adequately prepare for tomorrow's needs—many businesses are looking strategically at object storage solutions, like Red Hat® Ceph Storage.

Red Hat Ceph Storage is a massively scalable object storage platform for today's demanding work-loads, such as media repository, backup and restore, and data lakes. Designed to manage petabytes of data, the product is highly flexible and self-healing. It also has user-driven storage life-cycle management with full application programming interface (API) coverage, as well as a new, integrated, easy-to-use management console. Nevertheless, getting the maximum benefit from Red Hat Ceph Storage can prove challenging for organizations not well-trained in the solution's object storage capabilities.

A Red Hat Consulting Object Storage Smart Start offers the tools, skills, and insight businesses need to quickly understand, apply, and evaluate object storage technology. This three-week engagement delivers an S3/Swift-optimized cluster solution, including architecture of a Red Hat Ceph Storage environment, a bill of materials for hardware, and a fully deployed solution.

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During this engagement, Red Hat subject matter experts will:

- Perform a requirements and use case workshop to define the storage system.

- Design a storage solution architecture and plan for multisite architecture, if required.

- Deploy a Red Hat Ceph Storage cluster.

- Perform functional testing of the storage solution.

- Connect the consuming application to the storage solution by:

  - Mapping each set of requirements to different pools of storage.

  - Deploying multi site configuration, if required.

  - Testing the application readiness to communicate with the object storage cluster via S3 and/or Swift.

- Tune the Red Hat Ceph Storage environment in order to continuously improve its performance.

- Document installation and best practices through an implementation journal.

- Mentor clients and provide a walk-through of operational scenarios for sustained success.
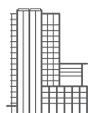
THE RED HAT CONSULTING DIFFERENCE

Working directly with Red Hat engineering and support organizations, Red Hat Consulting teams bring advanced skills to deliver solutions using Red Hat products and open standards. With exclusive insight into upcoming features and product roadmaps, Red Hat Consulting is perfectly positioned to align teams, streamline processes, and make enterprise systems and applications work together using open source and proprietary technologies.

Straight from the source: Red Hat Consulting teams communicate directly with Red Hat support and product development organizations. Many of our consultants are also active contributors to the upstream open source communities behind Red Hat technologies, so they provide a unique perspective.

Diverse technical experience: Red Hat Consulting maintains deep expertise with open source and proprietary systems and application platforms. Our comprehensive understanding of the technology market helps us give clients a complete view of their environment. Our guidance is based on a holistic understanding of building enterprise systems, not just our own products.

Mentor-based approach: Red Hat Consulting gives clients the information and skills they need to safely and efficiently move to Red Hat solutions. Red Hat believes that knowledge must be open and shared, just like source code.

ABOUT RED HAT

Red Hat is the world's leading provider of open source software solutions, using a community-powered approach to provide reliable and high-performing cloud, Linux, middleware, storage, and virtualization technologies. Red Hat also offers award-winning support, training, and consulting services. As a connective hub in a global network of enterprises, partners, and open source communities, Red Hat helps create relevant, innovative technologies that liberate resources for growth and prepare customers for the future of IT.

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