RED HAT OPEN IaaS ARCHITECTURE SERVICE

DATASHEET

BENEFITS

- Delivers a responsive, flexible, and scalable Infrastructure-as-a-Service solution with unified management
- Reduces the complexity, timeline, and risk of designing, building, and operating private and hybrid IaaS cloud solutions
- Ensures your cloud solution is positioned for success from day one

Open hybrid clouds reduce IT complexity, prevent reliance on a single vendor, and increase IT agility and innovation. This requires considering both today's IT intricacies and tomorrow's cloud wants when designing, installing, and configuring cloud solutions. To ensure you get the right start building and operating your cloud Infrastructure-as-a-Service (IaaS), Red Hat offers the Open IaaS Architecture Service.

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The Open IaaS Architecture Service provides a comprehensive start for your IaaS capabilities and can help you better understand use cases, review design requirements, and identify needed resources. The Open IaaS Architecture Service lets you build a flexible architecture that addresses immediate operational needs, future integration opportunities, and evolving cloud adoption. The service removes risk and uncertainty from your IaaS deployment and tailors an IaaS solution for maximum IT efficiency, agility, and reliability.

SERVICE OVERVIEW

This engagement designs, installs, configures, and optimizes Red Hat CloudForms for your environment, in order to deliver hybrid, cloud-based Infrastructure-as-a-Service.

The Open IaaS Architecture Service:

- Identifies specific technical requirements and use cases for your desired IaaS cloud solution
- Designs a tailored cloud architecture based on your resources and use cases
- Installs and configures CloudForms to seamlessly integrate capabilities for unified management of private and hybrid clouds
- Validates the configuration of CloudForms-compatible private and public resource providers
- Designs and implements policies and automation to jump start IaaS operational efficiencies
- Creates custom chargeback rate tables, reports, and dashboards to give executives and operators the specific data they need
- Integrates with existing infrastructure and management tools to drive further efficiencies
- Acclimates your technical staff to proven methods to use and manage CloudForms

Upon close of the engagement, the consultant provides an IaaS cloud solution installed and configured for your environment and use cases, including:

- Private resource providers with a defined and deployed sample workload
- Public resource providers, as applicable, with a defined and deployed sample workload
- Documentation of the as-built architecture and configuration
- Acclimation of IT staff to the design, use, and maintenance of the solution
- Incidental observations for improving your IT infrastructure and staff performance

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RED HAT CLOUDFORMS

INSIGHT

- Gain comprehensive visibility into utilization, performance, configuration, and operational activities

CONTROL

- Enable real-time, policy-based enforcement to ensure reliability, availability, and security

AUTOMATION

- Gain process, task, and event automation with model-driven workflows

INTEGRATION

- Achieve bi-directional integration with existing infrastructure and management tools

ANALYTICS

- Gain analytics insight with self-learning capabilities for normal operating ranges, trends, bottlenecks, and efficiency

REQUIREMENTS

To ensure a smooth service delivery, the following technical requirements should be met prior to the start of the engagement:

- Active Red Hat CloudForms subscription and hardware certified for CloudForms
- CloudForms-compatible virtualization resource providers (private or public)
- A valid Red Hat Network subscription and Red Hat Subscription Manager Certificate entitlement
- Documentation on and access to any third-party software subject to integration

A more detailed checklist of requirements is provided prior to scheduling the engagement.

SUCCESS PATHS

Red Hat offers cloud services solutions that accelerate your journey to cloud computing. Our portfolio of consulting services helps you quickly ramp up deployments of cloud solutions while establishing the foundation for intelligent, open hybrid cloud infrastructures.

Custom CloudForms Integration Services – Custom integration services help extend the functionality of your Red Hat CloudForms deployment. Coupling custom integration services with the Open IaaS Architecture Service enhances your hybrid IaaS cloud solution in order to meet or exceed your organization's specific needs and business objectives.

Pathway to Open Cloud – This consultative service takes a holistic and strategic approach to cloud computing to identify, prioritize, and execute opportunities to improve your efficiency and flexibility using cloud solutions. The service assesses technical and organizational readiness as well as current-state architecture to design and deliver an actionable, strategic roadmap for cloud adoption.

For more information on the Red Hat Open IaaS Architecture Service or any Red Hat consulting service, visit **redhat.com/consulting.**

For more information on Red Hat CloudForms and cloud solutions, visit **redhat.com/cloud**.

ABOUT RED HAT

Red Hat is the world's leading provider of open source solutions, using a community-powered approach to provide reliable and high-performing cloud, virtualization, storage, Linux, and middleware technologies. Red Hat also offers award-winning support, training, and consulting services. Red Hat is an S&P company with more than 70 offices spanning the globe, empowering its customers' businesses.

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