

DATASHEET

RED HAT CERTIFIED CLOUD PROVIDER MANAGEMENT ARCHITECTURE SERVICE

The first of its kind in the industry, Red Hat's Certified Public Cloud Provider Program provides partners with access to a comprehensive family of Red Hat software and solutions to build out a cloud infrastructure. The program includes services that are designed to build the foundation for your Red Hat offerings and to quickly start delivering Red Hat solutions on your cloud.

The Red Hat Certified Public Cloud Provider Management Service provides innovative management and updating services, built for scale with maximum security and lower costs, while ensuring consistency between customer datacenter and public cloud environments.

Ensure Red Hat Enterprise Linux updates are consistently deployed to your cloud customers.

The Red Hat Certified Public Cloud Provider Management Service services helps you ensure the delivery of a safe, scalable, supported, and consistent environment for cloud deployments.

This one-week consulting engagement provides:

Red Hat Update Infrastructure

A key component of certification is the ability to efficiently provide Red Hat customers with errata and other software updates. To enable this, Red Hat has created a technology called Red Hat Update Infrastructure (RHUI). RHUI is a certificate-based content management system for Red Hat content that is hosted within your cloud¹. It is lightweight, easy to manage, and comprises familiar technologies.

The engagement includes installation and configuration of the following RHUI components in a QA or staging environment:

- 1 Red Hat Update Appliance
- 1 Embedded load balancer
- 2 Content delivery servers

Certification and configuration of appropriate guest certificates

Another key requirement to becoming a Red Hat Certified Public Cloud Provider is the ability to certify images. A Red Hat consultant will assist you with the certification process. You will benefit from obtaining the Red Hat Enterprise Linux images you define for resale using Red Hat tools.

This certification allows Red Hat to provide our common customers assurances that they can work with Red Hat Enterprise Linux consistently regard-less of the environment. During the engagement the consultant also will discuss scenarios where re-certification is necessary.

¹ http://docs.redhat.com/docs/en-US/Red_Hat_Update_Infrastructure/1.2/html/Installation_Guide/index.html

RED HAT WILL ASSIST YOU WITH

- Creating SSL certificates
 - Installing RHUA with internal load balancer on customer-provided Red Hat Enterprise Linux instance
 - Installing RHUI CDS on two customer-provided Red Hat Enterprise Linux instances
 - Customizing one or two customer-provided base Red Hat Enterprise Linux images for certification testing
 - Certification testing of base Red Hat Enterprise Linux images
 - Architectural and deployment planning
 - Best practices
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This engagement provides assistance with image creation using your existing imaging capabilities, including adding the RHUI enablement configuration that is created as part of the RHUI deployment.

Knowledge transfer and best practices

To ensure your internal team is best prepared for ongoing management, the Red Hat consultant will work with your team to document and execute best practices and conduct knowledge transfer, including:

- Notifying Red Hat customers of errata
- Best practices for content management
- Methods for availability management and monitoring of RHUI
- Advanced deployment planning for production RHUI

RED HAT CONSULTING

Red Hat Consulting works with customers to solve strategic technology and business challenges from conception to deployment. With unparalleled open source technology and best practices expertise, Red Hat Consulting offers an expansive array of engagements to help customers achieve process efficiencies, take advantage of growth opportunities, rapidly deploy Red Hat technologies, and ensure superior performance and maximum value.

RED HAT CLOUD

Red Hat Cloud provides everything you need to help you plan, build, and manage a private cloud. Through our comprehensive set of integrated products, reference architectures, consulting services, training, exceptional customer support, and the richest partner ecosystem anywhere, Red Hat makes cloud computing easy and safe. What's more, Red Hat provides the performance, choice, flexibility and speed to market that can come only from the open source leader, backed by the experience and technology of more than a decade of powering the mission-critical infrastructures and applications of the world's most demanding organizations.

FOR MORE INFORMATION

For more information on the Red Hat Certified Public Cloud Provider Management Service and the Certified Public Cloud Provider Program, please contact your Red Hat Cloud Alliances Manager.

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