RED HAT CLOUD SOLUTIONS
RED HAT HYBRID IaaS SOLUTION

Everything you need to build and manage an open hybrid cloud spanning both private and public resources

BENEFITS

- **Simple to deploy** – One integrated and tested solution that allows you to create a hybrid cloud spanning both private and public cloud resources
- **Simple to buy** – One SKU to purchase and priced per guest
- **Easy to control** – Policy-based usage allows you to control what apps can be run, where they can run, who can use them, and how they should be optimized
- **No lock-in** – Modular component design allows you to use Red Hat's included infrastructure management tools or another vendor's management tools

AN OPEN HYBRID CLOUD

You've heard about cloud computing and all the benefits that it promises to provide. But you are worried about the complexity of a self-service, hybrid cloud that spans from resources in your datacenter to resources rented from public cloud providers. You'd like a simple solution that gives you all of the software you need to build and manage a hybrid cloud with minimum hassle.

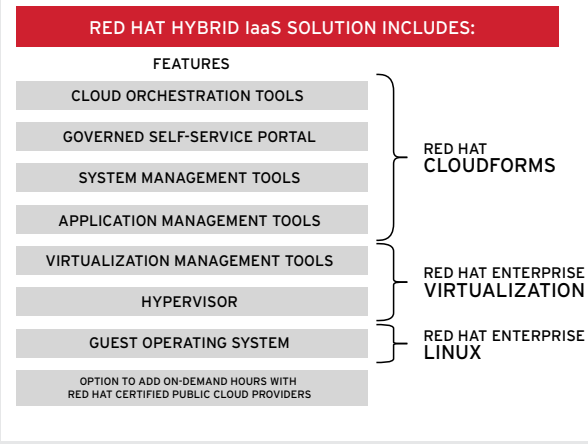
Red Hat® Hybrid Infrastructure-as-a-Solution (IaaS) Solution is the answer. It removes the complexity from building a hybrid cloud. All the software tools you need for cloud computing are included in one convenient product SKU.

The comprehensive set of software components included with Red Hat Hybrid IaaS Solution are tested and integrated to save you time in deploying your hybrid cloud. The modular design of the solution means you aren't locked in. You can choose to use the components that Red Hat provides or you can replace them with components from vendors. The solution is designed to work with your choices.

Red Hat Hybrid IaaS Solution allows you to take control of your organization's IT resources, increasing the productivity of your IT personnel while responding faster to user requests. Included is a self-service portal that allows users to deploy needed applications according to their schedules while freeing staff to work on other high-value tasks. The portal is policy-based allowing IT to control who uses what, when, where, and how.

This solution won't break your budget. All-inclusive, per-guest pricing helps you take control of your spending and easily plan your cloud computing expenses from year to year.

Red Hat Hybrid IaaS Solution is the all-in-one solution that can help you move your traditional datacenter to the next generation of IT—open, hybrid cloud computing. What's holding you back from making the move?



RED HAT HYBRID IaaS SOLUTION IS BUILT ON TRUSTED RED HAT TECHNOLOGIES

• RED HAT ENTERPRISE LINUX - Guest operating system

It starts with a proven enterprise-class operating system for use as the guest operating system. Red Hat Enterprise Linux® is a high-performance, secure operating system certified for use with thousands of applications. And it's the operating system powering the overwhelming majority of applications developed in the cloud.

AN OPEN, HYBRID CLOUD REQUIRES:

- **Open source** – The software should be open source, allowing you to avoid lock-in and gain access to future innovation.
- **Viable independent community** – The development community for the software should be open to anyone and not controlled or limited by one vendor.
- **Open standards** – The software should be based on open standards at every level of the stack.
- **Freedom to use intellectual property** – The software should be deployed without patent or other IP restrictions.
- **Choice of infrastructure** – The software must allow you to deploy to any infrastructure you choose.
- **Open APIs** – The software needs extensible APIs for open interoperability.
- **Portability** – The software should allow application portability across both private and public clouds.

RED HAT HYBRID IaaS SOLUTION DELIVERS AN OPEN HYBRID CLOUD

• RED HAT ENTERPRISE VIRTUALIZATION - Virtualization platform

Red Hat Enterprise Virtualization is a complete virtualization management solution and the first enterprise-ready, fully open source virtualization platform. It is based on the powerful Kernel-based Virtual Machine (KVM) hypervisor and the oVirt open source virtualization management platform. Red Hat Enterprise Virtualization represents a true strategic virtualization alternative for organizations looking to improve total cost of ownership, get faster return on their investment, and avoid vendor lock-in when compared to proprietary virtualization vendors.

• RED HAT CLOUDFORMS - Hybrid cloud management framework

Red Hat CloudForms orchestrates everything in your hybrid cloud. Red Hat's cloud toolset allows you to stitch together a hybrid cloud that includes resource pools deployed in your datacenter along with resources rented from public cloud providers.

Also included with CloudForms is a governed, self-service portal that allows users to securely deploy applications according to schedules managed and controlled by IT.

CloudForms redefines the IaaS cloud market by incorporating both comprehensive application lifecycle management and the ability to create open, hybrid clouds from the broadest range of computing resources. Unlike other solutions, CloudForms enables you to deploy and manage applications across multiple resources based on a single application template, known as an application blueprint. The blueprint policies determine where applications can run, how the cloud should be optimized, who can use it, and more. With CloudForms, open standards permit the use of tools and software from a wide variety of vendors, giving you options and choices while preventing vendor lock-in.

• RED HAT CERTIFIED PUBLIC CLOUD PROVIDERS - On-demand public cloud compute hours

You have the option of adding on-demand hours with our Red Hat Certified Public Cloud Providers.

RED HAT CLOUD SERVICES

Accelerate your Red Hat Hybrid IaaS solution, planning, and deployment with Red Hat services. We offer complete cloud services solutions that can accelerate your journey to cloud computing. Red Hat's portfolio of consulting and training services provides you with customized services that take advantage of Red Hat expertise and can help you more quickly plan and deploy a Red Hat Hybrid IaaS solution that meets the needs ofyour unique IT environment.

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