

SOLUTION BRIEF

RED HAT ENTERPRISE LINUX FOR CCSP PARTNERS

The world's leading enterprise Linux platform

OVERVIEW

The operating system is the foundation on which a business depends. Organizations depend on its reliability and security when building an infrastructure. An operating system must be easy to administer and control when deploying applications on physical hardware, in virtual machines, and in the cloud. When users run applications, they need high performance as well as the ability to maintain and manage the platform on which the applications run. Finally an operating system should give organizations the kind of flexibility they need to grow and take advantage of new solutions. Red Hat® Enterprise Linux®, the world's leading enterprise Linux platform, delivers these capabilities, which is why over 90% of Fortune 500 companies trust Red Hat for their critical business applications.¹ As a highly scalable, open OS platform with military-grade security, Red Hat Enterprise Linux adds immediate value to the product portfolios of Red Hat Certified Cloud and Service Providers (CCSPs).

RED HAT ENTERPRISE LINUX FOR CCSP PARTNERS

Red Hat CCSPs offering Red Hat Enterprise Linux are able to take advantage of dedicated and multi-tenant cloud service models. These service models free CCSPs to deliver the meaningful cloud services their clients rely on, while Red Hat maintains the underlying Linux infrastructure. Red Hat Enterprise Linux orchestrates the hardware resources that fulfill the infrastructure's basic computing requirements such as CPU, memory, networking, and storage and works side-by-side with engineers from major hardware vendors to make sure that the operating system takes full advantage of the newest hardware innovations. Because of this collaboration, when a new chip design, system architecture, or driver comes out that accelerates performance or improves power utilization, Red Hat Enterprise Linux can deliver on the specifications, and Red Hat CCSPs can build, sell, and deploy competitive Linux solutions.

RED HAT ENTERPRISE LINUX FEATURE	BENEFIT TO CCSP PARTNER
Security	Partners can secure applications with a common and comprehensive suite of technologies and policies across physical, virtual, and cloud deployments- all backed by Red Hat's global Security Response Team.
Performance	Red Hat Enterprise Linux runs on highly scalable, multi-core systems that support the most demanding workloads and remains one of the most popular platforms for benchmarking. Performance optimization tools allow partners to tune their infrastructure to map precisely to end user service level demands.
Seamless product integration	Because of open standards, Red Hat products work well together and with products from many other vendors, so partners can configure IT environments to suit customer needs.
Availability	Partners are able to deliver drastically increased uptime to their enterprise users. Partners can further increase resilience of applications across physical or virtual machines by using the included Pacemaker cluster manager..
Application infrastructure	Additional features aimed specifically at supporting requirements for running applications, such as application isolation capabilities, user authentication services, and administration capabilities give partners integrated oversight and control over applications and the environment in which they run.

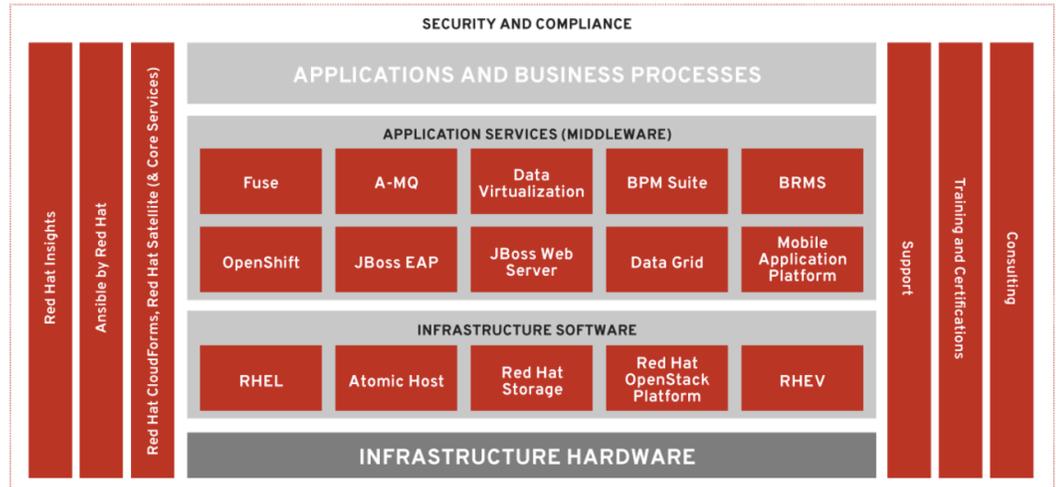
90%

of Fortune 500 companies trust Red Hat for business critical applications.¹



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SEAMLESS PRODUCT INTEGRATION



LINUX CONTAINERS

Linux containers have emerged as a key open source application packaging and delivery technology, combining lightweight application isolation with the flexibility of image-based deployment methods. Developers have rapidly embraced Linux containers because they simplify and accelerate application deployment, and many Platform-as-a-Service (PaaS) platforms are built around Linux container technology, including OpenShift by Red Hat. Red Hat Enterprise Linux gives Red Hat CCSPs the flexibility to build production-ready, enterprise-grade containers that easily scale to end user data requirements.

Red Hat Enterprise Linux implements Linux containers using core technologies such as control groups (cGroups) for resource management, namespaces for process isolation, and SELinux for security, enabling secure multi-tenancy and reducing the potential for security exploits. The Red Hat container certification ensures that application containers built using Red Hat Enterprise Linux will operate seamlessly across certified container hosts. As the need for strong resource control, container isolation, security, and orchestration capabilities continues to grow, Red Hat and its CCSP partners are able to benefit from these emerging revenue streams by offering trusted, secure, enterprise-ready Red Hat Enterprise Linux containers.

RED HAT CERTIFIED CLOUD AND SERVICE PROVIDER PROGRAM

The Red Hat CCSP program lets you offer trusted, secure, and enterprise-grade cloud and managed services to your customers based on Red Hat technologies. Premium support and joint customer resolution lets you deliver high-quality services and support to your own customers while access to training and enablement resources helps you successfully adopt a managed services business model.

Red Hat Certified Cloud and Service Provider Program		
Flexibility	Support (for the CCSP partner business)	Access (to enterprise OS technology)
<ul style="list-style-type: none"> Pay-as-you-go pricing Simplified procurement Deliver Red Hat-based cloud and managed services 	<ul style="list-style-type: none"> 24x7 premium support Large ecosystem of certified third-party solutions Variety of training and enablement resources 	<ul style="list-style-type: none"> Consistent product updates Security patches and bug fixes Access to Red Hat technologies

ADDITIONAL RESOURCES

For more information on how to integrate Red Hat Enterprise Linux offerings into your solution portfolio, please visit redhat.com/ccsp

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 80 offices spanning the globe, empowering its customers' businesses.

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