Red Hat Enterprise Linux for IBM Z and LinuxONE with Comprehensive Add-Ons

Red Hat Enterprise Linux is the No. 1 commercial Linux distribution in public cloud environments.[1]

Red Hat Enterprise Linux for IBM Z and LinuxONE with Comprehensive Add-Ons is an offering that includes:

- Red Hat Enterprise Linux.

- Red Hat Enterprise Linux High Availability Add-On for increased uptime.

- Red Hat Enterprise Linux Extended Update Support (EUS) Add-On for flexibility in updates and migrations.

- Red Hat Smart Management for supported use cases that provide optimization and management of Red Hat Enterprise Linux environments at scale.

- Unlimited virtual guests.

- Premium support with unlimited access to Red Hat technical support and 24x7 coverage.

Control, confidence, and freedom for open hybrid cloud

Successful organizations continually evolve to meet changing business needs. Their IT infrastructure keeps up and transforms to support new service delivery models. These organizations look to Red Hat® Enterprise Linux®, IBM Z, and LinuxONE to deliver business advantages through higher levels of resiliency, scalability, security, and interoperability.

Red Hat Enterprise Linux is the intelligent operating system that is the consistent foundation for open hybrid cloud and provides the tools needed to deliver critical services and workloads faster and with less effort—any application on any footprint at any time. Red Hat Enterprise Linux complements IBM Z and LinuxONE to provide a full integrated software and hardware solution.

Organizations have come to rely on IBM Z and LinuxONE systems running Red Hat Enterprise Linux to gain next-level data privacy, security, and resiliency as the foundation of their critical workloads running in hybrid multi cloud environments.
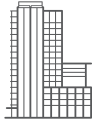
Mission critical workloads count on Red Hat

Red Hat Enterprise Linux for IBM Z and LinuxONE with Comprehensive Add-Ons is a premium offering designed to support the compute needs of critical workloads that can be consolidated to take full advantage of the system capabilities at lower costs. This offering provides a superior level of resiliency, scalability, and security by combining the strengths of Red Hat Enterprise Linux, an enterprise class Linux operating system (OS), with that of a world-class computing platform available with IBM Z and LinuxONE. It comes standard with an extended lifecycle, application high availability, enhanced security, compliance, and configuration analytics and flexible guest deployment options, all of which are considered essential to running critical enterprise workloads.

Secure and consistent foundation

Red Hat Enterprise Linux is the intelligent OS that can be consistently deployed on a variety of footprints including physical, virtual, and in the cloud. It provides IT Operations teams a standard operating environment that can be managed at scale. Developers can take advantage of strong backward compatibility that lets their applications work on older environments making life-cycle management more predictable. With features that offer IT organizations control, confidence, and freedom, Red Hat Enterprise Linux reduces the friction and costs of dynamic business changes on IT while increasing agility and reducing the time to market of critical business workloads.

[1] Red Hat overview. "State of Linux in the public cloud for enterprises." May 2018

About Red Hat

Red Hat is the world's leading provider of enterprise open source software solutions, using a community-powered approach to deliver reliable and high performing Linux, hybrid cloud, container, and Kubernetes technologies. Red Hat helps customers integrate new and existing IT applications, develop cloud-native applications, standardize on our industry leading operating system, and automate, secure, and manage complex environments. Award winning support, training, and consulting services make Red Hat a trusted adviser to the Fortune 500. As a strategic partner to cloud providers, system integrators, application vendors, customers, and open source communities, Red Hat can help organizations prepare for the digital future.

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Consistent, stable life cycle

This offering comes standard with Extended Update Support (EUS). This feature gives IT operations and security administrators the greatest amount of flexibility to plan their updates and migrations with resolutions to Critical and Important impact Red Hat Security Advisories (RHSAs) and Urgent Priority Red Hat Bug Fix Advisories (RHBAs) for a specific minor release.[2] And with Red Hat Enterprise Linux's live kernel patching capabilities, updates can be made to the running kernel to patch selected and important common vulnerabilities and exposures (CVEs) without server reboots, eliminating server downtime for critical workloads.

High availability for critical workloads

This offering also comes standard with Red Hat Enterprise Linux High Availability Add-On. This feature helps services stay resilient in the event of an unforeseen disruption. If an outage occurs, critical applications maintain continuity by routing requests to the next available instance. The high-availability add-on provides a consistent administrative and management experience across deployment footprints. The included monitoring technology can be integrated into many existing monitoring infrastructures used in operations teams today to streamline operational efficiency.

Efficient proactive management

To be most effective, it's critical that all systems in your environment be up to date and in compliance with security, regulatory policies, and internal business practices. Red Hat Enterprise Linux for IBM Z and LinuxONE with Comprehensive Add-Ons includes many of the supported use cases provided by Red Hat Smart Management and Red Hat Insights, which help you more securely manage Red Hat Enterprise Linux —from physical machines to hybrid multiclouds.

Red Hat Smart Management provides access to Red Hat Satellite along with cloud based management services for Red Hat Enterprise Linux. Supported use cases include the ability to patch, configure, and control your development, test, and production systems based on Red Hat Enterprise Linux. You can also ensure that all systems have the latest security patches and remediate configuration drift quickly. Complete auditing capabilities record and report the historical state of your systems at any point in time.

Red Hat Insights delivers predictive analytics that help you rapidly identify and remediate threats to the availability, security, stability, and performance of your infrastructure. Proactive, automated, and targeted issue resolution helps ensure that your environment is operating optimally to avoid problems and unplanned downtime. Red Hat Insights includes more than 1,000 recommendations, including system configuration guidance, best practices, and vulnerability identifications before they impact critical operations.

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