



Red Hat Enterprise Linux 7 for IBM POWER leverages POWER8 and POWER7+ technology for IBM Power Systems

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At a glance

Available for IBM® POWER8™ and POWER7+™ technology-based systems, Red Hat Enterprise Linux™ 7 for IBM POWER® offers the following:

- Exploitation of the latest hardware innovation
- A broad range of the latest open source components and vendor software products for Power®
- Increased flexibility and greater scalability
- A cost-effective consolidation platform with mission-critical qualities of service

Overview

IBM and Red Hat collaborate to enable you to order Red Hat Enterprise Linux (RHEL) 7 for IBM POWER directly from IBM. RHEL 7 redefines the enterprise operating system and how applications interact with it to help speed application delivery across physical, virtual, and cloud environments using lightweight, portable containers. With RHEL 7, you gain the flexibility to quickly adapt to demands for business agility and IT efficiency on a stable foundation known for its mission-critical reliability. RHEL 7 exploits the latest IBM POWER8, POWER7+, and virtualization technologies to help maximize system resources and provide the qualities of service expected by you as a Power Systems™ client.

With a unique pricing structure for Linux-only Power Systems, you can get increased flexibility and competitive pricing. You can deploy RHEL across physical, virtual, and cloud environments. One license of RHEL for a Linux-only Power system allows clients to create virtually unlimited logical partitions or guests per socket pair to help maximize server utilization.

As a Power Systems client with current RHEL subscriptions, you can upgrade at any time to currently supported RHEL versions at no additional charge.

For the latest details about the RHEL 7 server, visit

<http://www.redhat.com>

For more information about Linux and IBM, visit

<http://www.ibm.com/linux>

Program delivery

When you order RHEL from IBM, you get an entitlement card with a registration code. You will use this code to successfully download and configure the software.

Support requirement

If you purchase or renew RHEL subscriptions, you will also be required to purchase support, directly from IBM or from Red Hat. Selecting IBM Support allows for a unified support strategy for all Power Systems products. Red Hat partners are required by Red Hat to sell a Linux operating system support agreement with any RHEL offering or ensure that an in-place agreement covers any server that will run RHEL.

The requirement that a Linux operating system support agreement be in place with the purchase or renewal of a RHEL license can be met in the following ways:

- Clients who want IBM Support should select the IBM Operational Support Services - SupportLine for Linux on Power Systems servers (5771-LNX or 5773-LNX). Clients who select IBM SupportLine should not select the RHEL combined Subscription and Support features that IBM offers.
- Clients who want Red Hat support should select one of the RHEL combined Subscription and Support features that IBM offers.

Every RHEL subscription-only offering includes IBM Support access to Red Hat technical resources in the event that IBM needs Red Hat's assistance in problem determination and resolution. In order to help assure that Red Hat resources are available to assist IBM throughout the hours of support, IBM is providing clients with the appropriate subscription-only offering. If clients are purchasing IBM Support with IBM support coverage 24 hours a day, 7 days a week, they must purchase a RHEL Premium Subscription offering. Clients who are purchasing IBM Support without 24-hour access to IBM may purchase a RHEL Standard Subscription offering.

Key prerequisites

Red Hat Enterprise Linux 7 for IBM POWER supports Power Systems servers that leverage POWER8 and POWER7+ technology.

Planned availability date

July 18, 2014

Description

RHEL 7 exploits the IBM POWER8 and POWER7+ scale-out family of servers and provides a proven foundation for open hybrid cloud and enterprise workloads. RHEL 7 is enabled to exploit the recently released POWER8 technology-based systems, including the following functions:

- Simultaneous multithreading
- Static microthreading
- Transactional memory
- Performance counters
- In-nest cryptography

For the latest details about Red Hat Enterprise Linux, visit

<http://www.redhat.com>

Accessibility by people with disabilities

A US Section 508 Voluntary Product Accessibility Template (VPAT) containing details on accessibility compliance can be requested at

http://www.ibm.com/able/product_accessibility/index.html

Program number

Program number	VRM	Program name
5639-RH7	7.0.0	Red Hat Enterprise Linux for IBM POWER

Product identification number

Program PID number	Maintenance 1-year PID number	Maintenance 3-year PID number
5639-RH7	N/A	N/A

Offering Information

Product information is available via the Offering Information website

<http://www.ibm.com/common/ssi>

Publications

No publications are shipped with this program.

Technical information

Specified operating environment

Hardware requirements

Red Hat Enterprise Linux 7 for IBM POWER supports Power Systems servers that leverage POWER8 and POWER7+ technology.

Software requirements

The program's specifications and specified operating environment information may be found in documentation accompanying the program, if available, such as a readme file, or other information published by IBM, such as an announcement letter. Documentation and other program content may be supplied only in the English language.

Planning information

Packaging

When you order RHEL from IBM, you get an entitlement card with a registration code. You will use this code to download and configure the software.

Note: The entitlement card must not be discarded or destroyed as it is required to register the product with Red Hat, Inc.

Your Proof of Entitlement (PoE) for this program is a copy of a paid sales receipt, purchase order, invoice, or other sales record from IBM or its authorized reseller from whom you acquired the program, provided that it states the license charge unit (the characteristics of intended use of the program, number of processors, number of users) and quantity acquired.

Information about how you may obtain program services will be provided by the party (either IBM or its authorized reseller) from whom you acquired the program.

Security, auditability, and control

Red Hat Enterprise Linux 7 for IBM POWER uses the security and auditability features of the operating system.

The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities.

Ordering information

When Red Hat Enterprise Linux for IBM POWER is ordered from IBM, a product entitlement card with a registration code printed on it will be shipped with every order. Clients will be required to register the Red Hat Linux offering purchased at the website below with the registration code provided on the card. Once registered, clients will be able to download the required code electronically as well as obtain the latest upgrades and upgrades available for the product purchased.

<http://www.redhat.com>

The following abbreviations are used in the following tables:

w = with
 Svr = Server
 Sub = Subscription
 RH Spt = Red Hat Support
 ST = Standard
 PR = Premium
 Skts = Sockets
 Ren = Renewal
 EXP = Express® Offering, available when ordering a Power Systems server that qualifies under the Express Program.
 15L = 15 LPARS
 30L = 30 LPARS
 60L = 60 LPARS
 IPL = IBM PowerLinux

5639-RH7 Red Hat Enterprise Linux for IBM POWER
Basic License One-Time Charge

Feature description	OTC feature number	Supply feature number
1 Year Offerings		
Per Svr up to 2 Skts 15L w 1yr ST Sub	E8RV	8000
Per Svr up to 2 Skts 15L w 1yr ST Sub Exp	E8RT	8000
Per Svr up to 2 Skts 15L w 1yr ST Sub Ren	E8TK	8000
Per Svr up to 2 Skts 15L w 1yr ST Sub/RH Spt	E8RU	8000
Per Svr up to 2 Skts 15L w 1yr ST Sub/RH Spt Exp	E8RR	8000
Per Svr up to 2 Skts 15L w 1yr ST Sub/RH Spt Ren	E8TJ	8000
Per Svr up to 2 Skts 15L w 1yr PR Sub	E8RQ	8000
Per Svr up to 2 Skts 15L w 1yr PR Sub Exp	E8RN	8000
Per Svr up to 2 Skts 15L w 1yr PR Sub Ren	E8TH	8000
Per Svr up to 2 Skts 15L w 1yr PR Sub/RH Spt	E8RP	8000

Per Svr up to 2 Skts 15L w 1yr PR Sub/RH Spt Exp	E8RM	8000
Per Svr up to 2 Skts 15L w 1yr PR Sub/RH Spt Ren	E8TG	8000
Per Svr up to 4 Skts 30L w 1yr ST Sub	E8UC	8000
Per Svr up to 4 Skts 30L w 1yr ST Sub Exp	E8UA	8000
Per Svr up to 4 Skts 30L w 1yr ST Sub Ren	E8UP	8000
Per Svr up to 4 Skts 30L w 1yr ST Sub/RH Spt	E8UB	8000
Per Svr up to 4 Skts 30L w 1yr ST Sub/RH Spt Exp	E8TW	8000
Per Svr up to 4 Skts 30L w 1yr ST Sub/RH Spt Ren	E8UN	8000
Per Svr up to 4 Skts 30L w 1yr PR Sub	E8TV	8000
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Per Svr up to 8 Skts 60L w 1yr ST Sub Ren	E8VU	8000
Per Svr up to 8 Skts 60L w 1yr ST Sub/RH Spt	E8VF	8000
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Per Svr up to 8 Skts 60L w 1yr PR Sub Ren	E8VR	8000
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Per Svr up to 8 Skts 60L w 1yr PR Sub/RH Spt Ren	E8VQ	8000
Per Svr up to 2 Skts IPL 1L w 1yr ST Sub	E8QU	8000
Per Svr up to 2 Skts IPL 1L w 1yr ST Sub Ren	E8RF	8000
Per Svr up to 2 Skts IPL 1L w 1yr ST Sub/RH Spt	E8QT	8000
Per Svr up to 2 Skts IPL 1L w 1yr ST Sub/RH Spt Ren	E8RE	8000
Per Svr up to 2 Skts IPL 1L w 1yr PR Sub	E8QR	8000
Per Svr up to 2 Skts IPL 1L w 1yr PR Sub Ren	E8RD	8000
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Per Svr up to 2 Skts IPL 4L w 1yr ST Sub	E9AB	8000
Per Svr up to 2 Skts IPL 4L w 1yr ST Sub Ren	E9AK	8000
Per Svr up to 2 Skts IPL 4L w 1yr ST Sub/RH Spt	E9AA	8000
Per Svr up to 2 Skts IPL 4L w 1yr ST Sub/RH Spt Ren	E9AJ	8000
Per Svr up to 2 Skts IPL 4L w 1yr PR Sub	E8WW	8000
Per Svr up to 2 Skts IPL 4L w 1yr PR Sub Ren	E9AH	8000
Per Svr up to 2 Skts IPL 4L w 1yr PR Sub/RH Spt	E8WV	8000
Per Svr up to 2 Skts IPL 4L w 1yr PR Sub/RH Spt Ren	E9AG	8000
Per Svr up to 2 Skts IPL UL w 1yr ST Sub	E8WF	8000
Per Svr up to 2 Skts IPL UL w 1yr ST Sub Ren	E8WP	8000
Per Svr up to 2 Skts IPL UL w 1yr ST Sub/RH Spt	E8WE	8000
Per Svr up to 2 Skts IPL UL w 1yr ST Sub/RH Spt Ren	E8WN	8000
Per Svr up to 2 Skts IPL UL w 1yr PR Sub	E8WD	8000
Per Svr up to 2 Skts IPL UL w 1yr PR Sub Ren	E8WM	8000
Per Svr up to 2 Skts IPL UL w 1yr PR Sub/RH Spt	E8WC	8000
Per Svr up to 2 Skts IPL UL w 1yr PR Sub/RH Spt Ren	E8WL	8000

3 Year Offerings

Per Svr up to 2 Skts 15L w 3yr ST Sub	E8TF	8000
Per Svr up to 2 Skts 15L w 3yr ST Sub Exp	E8RL	8000
Per Svr up to 2 Skts 15L w 3yr ST Sub Ren	E8TP	8000
Per Svr up to 2 Skts 15L w 3yr ST Sub/RH Spt	E8TE	8000
Per Svr up to 2 Skts 15L w 3yr ST Sub/RH Spt Exp	E8TD	8000
Per Svr up to 2 Skts 15L w 3yr ST Sub/RH Spt Ren	E8TN	8000
Per Svr up to 2 Skts 15L w 3yr PR Sub	E8TC	8000
Per Svr up to 2 Skts 15L w 3yr PR Sub Exp	E8TA	8000
Per Svr up to 2 Skts 15L w 3yr PR Sub Ren	E8TM	8000
Per Svr up to 2 Skts 15L w 3yr PR Sub/RH Spt	E8TB	8000

Per Svr up to 2 Skts 15L w 3yr PR Sub/RH Spt Exp	E8RW	8000
Per Svr up to 2 Skts 15L w 3yr PR Sub/RH Spt Ren	E8TL	8000
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Per Svr up to 4 Skts 30L w 3yr ST Sub Ren	E8UU	8000
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Per Svr up to 2 Skts IPL UL w 3yr ST Sub/RH Spt	E8WJ	8000
Per Svr up to 2 Skts IPL UL w 3yr ST Sub/RH Spt Ren	E8WT	8000
Per Svr up to 2 Skts IPL UL w 3yr PR Sub	E8WH	8000
Per Svr up to 2 Skts IPL UL w 3yr PR Sub Ren	E8WR	8000
Per Svr up to 2 Skts IPL UL w 3yr PR Sub/RH Spt	E8WQ	8000
Per Svr up to 2 Skts IPL UL w 3yr PR Sub/RH Spt Ren	E8WQ	8000

Charge metric

Program name	PID number	Charge metric
Red Hat Enterprise Linux 7 for IBM POWER	5639-RH7	Per Server

Server

Server is a unit of measure by which the program can be licensed. A *server* is a physical computer that is comprised of processing units, memory, and input/output

capabilities and that executes requested procedures, commands, or applications for one or more users or client devices. Where racks, blade enclosures, or other similar equipment is being employed, each separable physical device (for example, a blade or a rack-mounted device) that has the required components is considered itself a separate server. For the purpose of server-based licensing, licensee must obtain entitlements for each server that is made available to the program, regardless of the number of processor cores and partitions in the server or the number of copies of the program on the server.

Notes :

- Some programs may require licenses for the program and what is being managed. In that case, the following applies. In addition to the entitlements required for the program directly, licensee must obtain entitlements for this program sufficient to cover the servers managed by the program.
- Some programs may be licensed on a managed basis only. In that case, the following applies. Instead of the entitlements required for the program directly, licensee must obtain entitlements for this program sufficient to cover the servers managed by program.

Terms and conditions

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Licensing

Supplier's license terms apply.

Limited warranty

Not warranted by IBM. Warranty, if any, provided by supplier.

Volume orders

Not applicable

Educational allowance

Not applicable.

Statement of good security practices

IT system security involves protecting systems and information through prevention, detection, and response to improper access from within and outside your enterprise. Improper access can result in information being altered, destroyed, or misappropriated or can result in misuse of your systems to attack others. Without a comprehensive approach to security, no IT system or product should be considered completely secure and no single product or security measure can be completely effective in preventing improper access. IBM systems and products are designed to be part of a comprehensive security approach, which will necessarily involve additional operational procedures, and may require other systems, products, or services to be most effective. IBM does not warrant that systems and products are immune from the malicious or illegal conduct of any party.

Prices

For all local charges, contact your IBM representative.

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<http://www.ibm.com/financing>

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AP distribution

Country/Region	Announced
AP IOT	
ASEAN*	Yes
India/South Asia**	Yes
Australia	Yes
People's Republic of China	Yes
Hong Kong S.A.R of the PRC	Yes
Macao S.A.R of the PRC	Yes
Taiwan	Yes
South Korea	Yes
New Zealand	Yes
Japan IOT	
Japan	Yes

* Brunei Darussalam, Indonesia, Cambodia, Lao People's Democratic Republic, Malaysia, Philippines, Singapore, Thailand, and Vietnam

**Bangladesh, Bhutan, India, Sri Lanka, Maldives, Nepal, and Afghanistan

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<http://www.ibm.com/planetwide/>