



Red Hat Enterprise Linux for IBM POWER is available for IBM PowerLinux systems

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At a glance

Red Hat Enterprise Linux™ for IBM® POWER® for IBM PowerLinux™ servers offers:

- Exploitation of the latest hardware innovation
- Broad range of the latest open source software components
- Increased flexibility and greater scalability
- A cost-effective scale-out platform with mission-critical qualities of service

For ordering, contact your IBM representative, an IBM Business Partner, or IBM Americas Call Centers at 800-IBM-CALL (Reference: RE001).

Overview

IBM and Red Hat are collaborating to provide you with a new pricing structure for Red Hat Enterprise Linux (RHEL) for IBM POWER for IBM PowerLinux servers. The IBM PowerLinux 7R2 rack server and the IBM Flex System p24L Compute Node are POWER7® processor-based, Linux only servers, optimized for virtualization, performance, and extraordinary efficiency. Red Hat's new pricing structure for RHEL 5 and RHEL 6 is a cost-effective offering, ideal for traditional and emerging workloads on Linux. Red Hat's new pricing for IBM PowerLinux servers is available directly from IBM and can only be purchased for the IBM PowerLinux 7R2 rack servers (8246-L2C and 8246-L2S) and the IBM Flex System p24L Compute Node (1457-7FL).

RHEL is a Linux-based operating system designed for enterprise environments. RHEL exploits the latest IBM POWER7 and virtualization technologies to help maximize system resources and provides exceptional qualities of service. RHEL includes a broad range of popular open source software components that are easy to install and run on IBM PowerLinux servers.

With Red Hat's new pricing structure for RHEL 5 and RHEL 6, you get increased flexibility and scalability options. You can now deploy RHEL across physical, virtual, and cloud environments.

If you are a Power Systems™ client with current RHEL subscriptions, you can upgrade at any time to currently supported RHEL subscriptions at no charge.

For the latest details about the RHEL server, visit

<http://www.redhat.com>

For the latest details about RHEL for IBM POWER, visit

http://www.redhat.com/rhel/purchasing_guide.html

Planned availability date

April 27, 2012, for all features except QCM HPC for Power Systems with 1-year standard subscription, which is June 15, 2012

Description

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 your RHEL subscription, you will need to also purchase support from IBM. A Red Hat policy requires that all Red Hat partners sell a Linux operating system support agreement with any RHEL offering or ensure that a Linux operating system support agreement already 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 in RHEL for IBM POWER (5639-RHP).

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 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. Clients purchasing IBM Support with IBM support coverage 24 hours a day, 7 days a week must also 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.

Section 508 of the US Rehabilitation Act

IBM makes no representation about the Section 508 status of the third-party electronic and information technology product in this offering. Contact the vendor for specific, current information on the Section 508 status of this product.

Program number

Program number	VRM	Program name
5639-RHP	1.1.0	Red Hat Enterprise Linux 6 for IBM POWER

Product identification number

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

Offering Information

Product information is available via the Offering Information website

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

Business Partner information

If you are a Direct Reseller - System Reseller acquiring products from IBM, you may link directly to Business Partner information for this announcement. A PartnerWorld® ID and password are required (use IBM ID).

<https://www.ibm.com/partnerworld/mem/sla.jsp?num=212-020>

Publications

No publications are shipped with this program.

Technical information

Specified operating environment

Hardware requirements

- The IBM PowerLinux features in RHEL for IBM POWER can only be ordered with the IBM PowerLinux 7R2 servers (8246-L2C or 8246-L2S) and the IBM Flex System C522L P7 Compute Node (1457-7FL).
- The Per Rack and Per Half Rack features can only be ordered with an IBM Blue Gene/Q (0207-200) supercomputer.
- The Per QCM feature can only be ordered with a Power® 775 (9125-F2C) server.

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 RHEL.

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 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.

Software Services

IBM Software Services has the breadth, depth, and reach to manage your services needs. You can leverage the deep technical skills of our lab-based, software services team and the business consulting, project management, and infrastructure expertise of our IBM Global Services team. Also, we extend our IBM Software Services reach through IBM Business Partners to provide an extensive portfolio of capabilities. Together, we provide the global reach, intellectual capital, industry insight, and technology leadership to support a wide range of critical business needs.

To learn more about IBM Software Services or to contact a Software Services sales specialist, visit

<http://www.ibm.com/software/sw-services/>

Ordering information

Charge metric

Program name	PID number	Charge metric
Red Hat Enterprise Linux 6 for IBM POWER	5639-RHP	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.

Rack

A rack is comprised of up to 32 node card assemblies and installed in a cabinet with supporting equipment. An entitlement is required for each rack integrated into the

system regardless of the number of processor cores installed, and regardless of the number of processor cores or partitions on which the program runs.

Half rack

A half rack is comprised of up to 16 node card assemblies, and installed in a cabinet with supporting equipment. An entitlement is required for each half rack integrated into the system regardless of the number of processor cores installed, and regardless of the number of processor cores or partitions on which the program runs.

QCM

A QCM is a POWER7 quad chip module. Each QCM contains four POWER7 multi-core processor chips in one module.

Ordering information

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 following website 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 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

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

Feature description	OTC feature number
1 Year Offerings	
Per Svr up to 2 Skts Linux RPQ 1L w 1yr ST Sub	0385
Per Svr up to 2 Skts Linux RPQ 1L w 1yr ST Sub Ren	0386
Per Svr up to 2 Skts Linux RPQ 1L w 1yr ST Sub/RH Spt	0377
Per Svr up to 2 Skts Linux RPQ 1L w 1yr ST Sub/RH Spt Ren	0378
Per Svr up to 2 Skts Linux RPQ 1L w 1yr PR Sub	0389
Per Svr up to 2 Skts Linux RPQ 1L w 1yr PR Sub Ren	0390
Per Svr up to 2 Skts Linux RPQ 1L w 1yr PR Sub/RH Spt	0381
Per Svr up to 2 Skts Linux RPQ 1L w 1yr PR Sub/RH Spt Ren	0382
Per Svr up to 2 Skts Linux RPQ 4L w 1yr ST Sub	0369
Per Svr up to 2 Skts Linux RPQ 4L w 1yr ST Sub Ren	0370
Per Svr up to 2 Skts Linux RPQ 4L w 1yr ST Sub/RH Spt	0361
Per Svr up to 2 Skts Linux RPQ 4L w 1yr ST Sub/RH Spt Ren	0362
Per Svr up to 2 Skts Linux RPQ 4L w 1yr PR Sub	0373
Per Svr up to 2 Skts Linux RPQ 4L w 1yr PR Sub Ren	0374
Per Svr up to 2 Skts Linux RPQ 4L w 1yr PR Sub/RH Spt	0365
Per Svr up to 2 Skts Linux RPQ 4L w 1yr PR Sub/RH Spt Ren	0366
Per Svr up to 2 Skts Linux RPQ UL w 1yr ST Sub	0473
Per Svr up to 2 Skts Linux RPQ UL w 1yr ST Sub Ren	0474
Per Svr up to 2 Skts Linux RPQ UL w 1yr ST Sub/RH Spt	0465
Per Svr up to 2 Skts Linux RPQ UL w 1yr ST Sub/RH Spt Ren	0466

Per Svr up to 2 Skts Linux RPQ UL w 1yr PR Sub 0477
 Per Svr up to 2 Skts Linux RPQ UL w 1yr PR Sub Ren 0478
 Per Svr up to 2 Skts Linux RPQ UL w 1yr PR Sub/RH Spt 0469
 Per Svr up to 2 Skts Linux RPQ UL w 1yr PR Sub/RH Spt Ren 0470

Per Rack HPC for Blue Gene/Q w 1yr ST Sub 0483
 Per 1/2 Rack HPC for Blue Gene/Q w 1yr ST Sub 0486
 Per QCM HPC for Power Systems w 1yr ST Sub 0489

3 Year Offerings

Per Svr up to 2 Skts Linux RPQ 1L w 3yr ST Sub 0387
 Per Svr up to 2 Skts Linux RPQ 1L w 3yr ST Sub Ren 0388
 Per Svr up to 2 Skts Linux RPQ 1L w 3yr ST Sub/RH Spt 0379
 Per Svr up to 2 Skts Linux RPQ 1L w 3yr ST Sub/RH Spt Ren 0380

Per Svr up to 2 Skts Linux RPQ 1L w 3yr PR Sub 0391
 Per Svr up to 2 Skts Linux RPQ 1L w 3yr PR Sub Ren 0392
 Per Svr up to 2 Skts Linux RPQ 1L w 3yr PR Sub/RH Spt 0383
 Per Svr up to 2 Skts Linux RPQ 1L w 3yr PR Sub/RH Spt Ren 0384

Per Svr up to 2 Skts Linux RPQ 4L w 3yr ST Sub 0371
 Per Svr up to 2 Skts Linux RPQ 4L w 3yr ST Sub Ren 0372
 Per Svr up to 2 Skts Linux RPQ 4L w 3yr ST Sub/RH Spt 0363
 Per Svr up to 2 Skts Linux RPQ 4L w 3yr ST Sub/RH Spt Ren 0364

Per Svr up to 2 Skts Linux RPQ 4L w 3yr PR Sub 0375
 Per Svr up to 2 Skts Linux RPQ 4L w 3yr PR Sub Ren 0376
 Per Svr up to 2 Skts Linux RPQ 4L w 3yr PR Sub/RH Spt 0367
 Per Svr up to 2 Skts Linux RPQ 4L w 3yr PR Sub/RH Spt Ren 0368

Per Svr up to 2 Skts Linux RPQ UL w 3yr ST Sub 0475
 Per Svr up to 2 Skts Linux RPQ UL w 3yr ST Sub Ren 0476
 Per Svr up to 2 Skts Linux RPQ UL w 3yr ST Sub/RH Spt 0467
 Per Svr up to 2 Skts Linux RPQ UL w 3yr ST Sub/RH Spt Ren 0468

Per Svr up to 2 Skts Linux RPQ UL w 3yr PR Sub 0479
 Per Svr up to 2 Skts Linux RPQ UL w 3yr PR Sub Ren 0480
 Per Svr up to 2 Skts Linux RPQ UL w 3yr PR Sub/RH Spt 0471
 Per Svr up to 2 Skts Linux RPQ UL w 3yr PR Sub/RH Spt Ren 0472

5692-LOP System Program Order (SPO) for Linux on POWER

Description	5692-LOP Supply feature number
Per Svr up to 2 Skts Linux RPQ w 1yr ST Sub 1L	2296
Per Svr up to 2 Skts Linux RPQ w 1yr ST Sub 4L	2297
Per Svr up to 2 Skts Linux RPQ w 1yr ST Sub UL	2298
Per Svr up to 2 Skts Linux RPQ w 1yr ST Sub/RH Spt 1L	2299
Per Svr up to 2 Skts Linux RPQ w 1yr ST Sub/RH Spt 4L	2300
Per Svr up to 2 Skts Linux RPQ w 1yr ST Sub/RH Spt UL	2301
Per Svr up to 2 Skts Linux RPQ w 1yr PR Sub 1L	2302
Per Svr up to 2 Skts Linux RPQ w 1yr PR Sub 4L	2303
Per Svr up to 2 Skts Linux RPQ w 1yr PR Sub UL	2304
Per Svr up to 2 Skts Linux RPQ w 1yr PR Sub/RH Spt 1L	2305
Per Svr up to 2 Skts Linux RPQ w 1yr PR Sub/RH Spt 4L	2306
Per Svr up to 2 Skts Linux RPQ w 1yr PR Sub/RH Spt UL	2307
Per Svr up to 2 Skts Linux RPQ w 3yr ST Sub 1L	2308
Per Svr up to 2 Skts Linux RPQ w 3yr ST Sub 4L	2309
Per Svr up to 2 Skts Linux RPQ w 3yr ST Sub UL	2310
Per Svr up to 2 Skts Linux RPQ w 3yr ST Sub/RH Spt 1L	2311
Per Svr up to 2 Skts Linux RPQ w 3yr ST Sub/RH Spt 4L	2312
Per Svr up to 2 Skts Linux RPQ w 3yr ST Sub/RH Spt UL	2313
Per Svr up to 2 Skts Linux RPQ w 3yr PR Sub 1L	2314
Per Svr up to 2 Skts Linux RPQ w 3yr PR Sub 4L	2315
Per Svr up to 2 Skts Linux RPQ w 3yr PR Sub UL	2316
Per Svr up to 2 Skts Linux RPQ w 3yr PR Sub/RH Spt 1L	2317
Per Svr up to 2 Skts Linux RPQ w 3yr PR Sub/RH Spt 4L	2318
Per Svr up to 2 Skts Linux RPQ w 3yr PR Sub/RH Spt UL	2319
Per Rack HPC for Blue Gene/Q w 1yr ST Sub	2379
Per 1/2 Rack HPC for Blue Gene/Q w 1 yr ST Sub	2380
Per QCM HPC for Power Systems w 1yr ST Sub	2381

Terms and conditions

The information provided in this announcement letter is for reference and convenience purposes only. The terms and conditions that govern any transaction with IBM are contained in the applicable contract documents such as the IBM International Program License Agreement, IBM International Passport Advantage® Agreement, and the IBM Agreement for Acquisition of Software Maintenance.

Licensing

Supplier's license terms apply.

Limited warranty

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

Volume orders

Not applicable

Educational allowance

No

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 additional information and current prices, contact your local IBM representative.

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

Feature description	OTC feature number	OTC
1 Year Offerings		
Per Svr up to 2 Skts Linux RPQ 1L w 1yr ST Sub	0385	\$
Per Svr up to 2 Skts Linux RPQ 1L w 1yr ST Sub Ren	0386	
Per Svr up to 2 Skts Linux RPQ 1L w 1yr ST Sub/RH Spt	0377	
Per Svr up to 2 Skts Linux RPQ 1L w 1yr ST Sub/RH Spt Ren	0378	
Per Svr up to 2 Skts Linux RPQ 1L w 1yr PR Sub	0389	
Per Svr up to 2 Skts Linux RPQ 1L w 1yr PR Sub Ren	0390	
Per Svr up to 2 Skts Linux RPQ 1L w 1yr PR Sub/RH Spt	0381	
Per Svr up to 2 Skts Linux RPQ 1L w 1yr PR Sub/RH Spt Ren	0382	

Per Svr up to 2 Skts Linux RPQ 4L w 1yr ST Sub	0369
Per Svr up to 2 Skts Linux RPQ 4L w 1yr ST Sub Ren	0370
Per Svr up to 2 Skts Linux RPQ 4L w 1yr ST Sub/RH Spt	0361
Per Svr up to 2 Skts Linux RPQ 4L w 1yr ST Sub/RH Spt Ren	0362
Per Svr up to 2 Skts Linux RPQ 4L w 1yr PR Sub	0373
Per Svr up to 2 Skts Linux RPQ 4L w 1yr PR Sub Ren	0374
Per Svr up to 2 Skts Linux RPQ 4L w 1yr PR Sub/RH Spt	0365
Per Svr up to 2 Skts Linux RPQ 4L w 1yr PR Sub/RH Spt Ren	0366
Per Svr up to 2 Skts Linux RPQ UL w 1yr ST Sub	0473
Per Svr up to 2 Skts Linux RPQ UL w 1yr ST Sub Ren	0474
Per Svr up to 2 Skts Linux RPQ UL w 1yr ST Sub/RH Spt	0465
Per Svr up to 2 Skts Linux RPQ UL w 1yr ST Sub/RH Spt Ren	0466
Per Svr up to 2 Skts Linux RPQ UL w 1yr PR Sub	0477
Per Svr up to 2 Skts Linux RPQ UL w 1yr PR Sub Ren	0478
Per Svr up to 2 Skts Linux RPQ UL w 1yr PR Sub/RH Spt	0469
Per Svr up to 2 Skts Linux RPQ UL w 1yr PR Sub/RH Spt Ren	0470
Per Rack HPC for Blue Gene/Q w 1yr ST Sub	0483
Per 1/2 Rack HPC for Blue Gene/Q w 1yr ST Sub	0486
Per QCM HPC for Power Systems w 1yr ST Sub	0489

3 Year Offerings

Per Svr up to 2 Skts Linux RPQ 1L w 3yr ST Sub	0387
Per Svr up to 2 Skts Linux RPQ 1L w 3yr ST Sub Ren	0388
Per Svr up to 2 Skts Linux RPQ 1L w 3yr ST Sub/RH Spt	0379
Per Svr up to 2 Skts Linux RPQ 1L w 3yr ST Sub/RH Spt Ren	0380
Per Svr up to 2 Skts Linux RPQ 1L w 3yr PR Sub	0391
Per Svr up to 2 Skts Linux RPQ 1L w 3yr PR Sub Ren	0392
Per Svr up to 2 Skts Linux RPQ 1L w 3yr PR Sub/RH Spt	0383
Per Svr up to 2 Skts Linux RPQ 1L w 3yr PR Sub/RH Spt Ren	0384
Per Svr up to 2 Skts Linux RPQ 4L w 3yr ST Sub	0371
Per Svr up to 2 Skts Linux RPQ 4L w 3yr ST Sub Ren	0372
Per Svr up to 2 Skts Linux RPQ 4L w 3yr ST Sub/RH Spt	0363
Per Svr up to 2 Skts Linux RPQ 4L w 3yr ST Sub/RH Spt Ren	0364
Per Svr up to 2 Skts Linux RPQ 4L w 3yr PR Sub	0375
Per Svr up to 2 Skts Linux RPQ 4L w 3yr PR Sub Ren	0376
Per Svr up to 2 Skts Linux RPQ 4L w 3yr PR Sub/RH Spt	0367
Per Svr up to 2 Skts Linux RPQ 4L w 3yr PR Sub/RH Spt Ren	0368
Per Svr up to 2 Skts Linux RPQ UL w 3yr ST Sub	0475
Per Svr up to 2 Skts Linux RPQ UL w 3yr ST Sub Ren	0476
Per Svr up to 2 Skts Linux RPQ UL w 3yr ST Sub/RH Spt	0467
Per Svr up to 2 Skts Linux RPQ UL w 3yr ST Sub/RH Spt Ren	0468
Per Svr up to 2 Skts Linux RPQ UL w 3yr PR Sub	0479
Per Svr up to 2 Skts Linux RPQ UL w 3yr PR Sub Ren	0480
Per Svr up to 2 Skts Linux RPQ UL w 3yr PR Sub/RH Spt	0471
Per Svr up to 2 Skts Linux RPQ UL w 3yr PR Sub/RH Spt Ren	0472

Pricing terms

Prices in the following PDF prices link are suggested list prices on day of announcement for the US only. They are provided for your information only. Dealer prices may vary, and prices may also vary by country. IBM list price does not include tax or shipping and is subject to change without notice.

[ENUS-212-020-LIST_PRICES_2012_04_24.PDF](#)

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For IBM Business Partner: pwswna@us.ibm.com
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3500 Steeles Ave. East, Tower 3/4
Markham, Ontario
Canada
L3R 2Z1

Reference: RE001

The Americas Call Centers, our national direct marketing organization, can add your name to the mailing list for catalogs of IBM products.

Note: Shipments will begin after the planned availability date.

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