

# SUSE Linux Enterprise Live Patching for IBM Power Systems and five-year subscriptions for Red Hat Enterprise Linux available

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## At a glance

SUSE Linux<sup>(R)</sup> Enterprise Live Patching for IBM<sup>(R)</sup> Power Systems<sup>TM</sup> and five-year subscription options for Red Hat Enterprise Linux (RHEL) for Power<sup>(R)</sup> le and RHEL for SAP are the latest Linux offerings for IBM Power Systems servers.

## Overview

IBM and its longstanding Linux partners continue to expand the offerings available for Power Systems:

- SUSE Linux Enterprise Live Patching for IBM Power Systems enables clients to apply Linux kernel fixes while the IBM Power server is still running without interrupting service. Live Patching keeps business-critical applications, such as in-memory databases using SAP HANA, running in the event of critical kernel updates. Driven by client demand, SUSE recently extended Live Patching to Power Systems.
- Five-year subscription options for RHEL for Power le and RHEL for SAP.

For more details about SUSE Linux Enterprise Live Patching, see the [SUSE](#) website.

For the latest details about the RHEL 7 offering, see the [Red Hat](#) website.

For more information about Linux and IBM, see the [IBM Linux Servers](#) website.

### Program delivery

When you order Red Hat Enterprise Linux or SUSE Linux Enterprise Server from IBM, you get an entitlement card with a registration code shipped from IBM Software Manufacturing. Use this code to download and configure the software.

**Note:** This entitlement card ships separately from the Power System server and should not be discarded or destroyed.

### Support requirement

If you purchase or renew Red Hat or SUSE subscriptions, you can also purchase support directly from IBM or from the Linux partner. Selecting IBM Support allows for a unified support strategy for all Power Systems products. Linux operating system support can be purchased in the following ways:

- Clients who select IBM Support should not select the Red Hat or SUSE combined Subscription and Support features that IBM offers.
- Clients who want Red Hat or SUSE support should select one of the combined Subscription and Support features that IBM offers.
- Five-year subscription options are now offered with support from either IBM or the Linux partner.

Every subscription-only offering includes IBM Support access to Linux partner technical resources in the event that IBM needs Red Hat or SUSE assistance in problem determination and resolution. In order to ensure that 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 Priority Subscription offering. Clients who are purchasing IBM Support without 24-hour access to IBM may purchase a Red Hat or SUSE Standard Subscription offering.

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## Key prerequisites

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- Red Hat Enterprise Linux 7 for Power le supports Power servers that use IBM POWER8<sup>®</sup> and IBM POWER9<sup>™</sup> technology.
- Red Hat Enterprise Linux for SAP Solutions for Power LE is available only for clients running SAP applications.
- SUSE Linux Enterprise Server 12 for Power supports Power servers that use POWER8 and POWER9 technology.
- SUSE Linux Enterprise Server for SAP Applications for Power is available only for clients running SAP applications.

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## Planned availability date

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April 13, 2018

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## Description

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Maintenance flexibility is expanded with the addition of:

- SUSE Linux Enterprise Live Patching for IBM Power Systems
- Five-year subscription options for RHEL for Power le and RHEL for SAP

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### Accessibility by people with disabilities

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A US Section 508 Accessibility Compliance Report containing details on accessibility compliance can be found on the [Product accessibility information](#) website.

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### Section 508 of the US Rehabilitation Act

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SUSE Linux Enterprise Live Patching for IBM Power Systems and five-year subscriptions for Red Hat Enterprise Linux are capable as of April 13, 2018, when used in accordance with IBM's associated documentation, of satisfying the applicable requirements of Section 508 of the Rehabilitation Act, provided that any assistive technology used with the product properly interoperates with it. A US Section 508 Voluntary Product Accessibility Template (VPAT) can be found on the [Product accessibility information](#) website.

IBM makes no representation about the Section 508 status of these third-party products included in this offering. Contact the vendor for specific, current information about the Section 508 status of these products.

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## Program number

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<b>Program number</b>	<b>VRM</b>	<b>Program name</b>
5639-12S	12	SUSE Linux Enterprise Server 12 for Power
5639-RHS	1.1.0	Red Hat Enterprise Linux for SAP Solutions for Power LE
5639-RLE	7.0.0	Red Hat Enterprise Linux 7 for Power, little endian
5639-SAP	11.0.0	SUSE Linux Enterprise Server for SAP Applications for Power

#### **Product identification number**

<b>Program number</b>	<b>Maintenance 1-year PID number</b>	<b>Maintenance 3-year PID number</b>
5639-12S	N/A	N/A
<b>Program number</b>	<b>Maintenance 1-year PID number</b>	<b>Maintenance 3-year PID number</b>
5639-RHS	N/A	N/A
<b>Program number</b>	<b>Maintenance 1-year PID number</b>	<b>Maintenance 3-year PID number</b>
5639-RLE	N/A	N/A
<b>Program number</b>	<b>Maintenance 1-year PID number</b>	<b>Maintenance 3-year PID number</b>
5639-SAP	N/A	N/A

## **Offering Information**

Product information is available on the [IBM Offering Information](#) website.

## **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<sup>®</sup> ID and password are required (use IBMid).

[BP Attachment for Announcement Letter 218-194](#)

## **Publications**

None

## **Services**

### **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, contact your Lab Services Sales or Delivery Leader.

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## Technical information

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### Specified operating environment

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#### **Hardware requirements**

- Red Hat Enterprise Linux 7 for Power le supports Power servers that use POWER8 and POWER9 technology.
- Red Hat Enterprise Linux for SAP Solutions for Power le is available only for clients running SAP applications.
- SUSE Linux Enterprise Server 12 for Power supports Power servers that use POWER8 and POWER9 technology.
- SUSE Linux Enterprise Server for SAP Applications for Power is available only for clients running SAP applications.

#### **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

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#### **Packaging**

When you order Red Hat Enterprise Linux or SUSE Linux Enterprise Server from IBM, you get an entitlement card with a registration code shipped from IBM Software Manufacturing. You will use this code to download and configure the software.

**Note:** This entitlement card ships separately from the Power server and should not be discarded or destroyed.

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.

#### **Direct client support**

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Direct client support is provided by IBM Operational Support Services - SoftwareXcel. This fee service enhances your productivity by providing voice and electronic access into the IBM support organization. IBM Operational Support Services - SoftwareXcel helps answer questions pertaining to usage and suspected software defects for eligible products. Installation and technical support is provided by Global Services. For more information, call 800-IBM-4YOU (426-4968).

For technical support or assistance, contact your IBM representative or go to the [IBM Support Portal](#) website.

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## Ordering information

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Program name: SUSE Linux Enterprise Server for SAP Applications for Power Basic License One-Time Charge

Program number: 5639-SAP

<b>Feature description</b>	<b>OTC Feature number</b>
SLES Live Patching for Power 1-2 skt w IV 1Yr	0017
SLES Live Patching for Power 1-2 skt w IV 3Yr	0018
SLES Live Patching for Power 1-2 skt w IV 5Yr	0019
<b>Feature description</b>	<b>Supply feature</b>
Product registration card	8000

Program name: SUSE Linux Enterprise Server 12 for Power Basic License One-Time Charge

Program number: 5639-12S

<b>Feature description</b>	<b>OTC Feature number</b>
SLES Live Patching for Power 1-2 skt w IV 1Yr	0086
SLES Live Patching for Power 1-2 skt w IV 3Yr	0087
SLES Live Patching for Power 1-2 skt w IV 5Yr	0088
<b>Feature description</b>	<b>Supply feature</b>
Product registration card	8000

Program name: Red Hat Enterprise Linux SAP Solutions for Power, LE Basic License One-Time Charge

Program number: 5639-RHS

<b>Feature description</b>	<b>OTC Feature number</b>
Per Svr SAP 2 Skts IPL 15L w 5yr ST Sub	0022
Per Svr SAP 2 Skts IPL 15L w 5yr PR Sub	0021
Per Svr SAP 4 cores 4L w 5yr ST Sub	0024
Per Svr SAP 4 cores 4L w 5yr PR Sub	0023
<b>Feature description</b>	<b>Supply feature</b>
Product registration card	8000

Program name: Red Hat Enterprise Linux 7 for Power, LE Basic License One-Time Charge

Program number: 5639-RLE

<b>Feature description</b>	<b>OTC Feature number</b>
Per Svr up to 2 Skts IPL 15L w 5yr ST Sub	0160
Per Svr up to 2 Skts IPL 15L w 5yr PR Sub	0159
Per Svr EUS up to 2 Skts IPL 15L w 5yr Sub	0152
Per Svr up to 2 Skts IPL w SM 15L w 5yr ST Sub	0154
Per Svr up to 2 Skts IPL w SM 15L w 5yr PR Sub	0153
Per Svr up to 2 Skts HPC Compute Node w EUS 5yr	0172
Per Svr up to 2 Skts HPC Compute Node 5yr	0169
Per Svr up to 2 Skts HPC Head Node w 5yr PR Sub	0170
Per Svr up to 2 Skts HPC Head Node w 5yr ST Sub	0171
Per Server HA up to 2 Skts IPL 15L w 5yr Sub	0173
Per Server RS up to 2 Skts IPL 15L w 5yr Sub	0175

<b>Feature description</b>	<b>OTC Feature number</b>
Per Server DR up to 2 Skts IPL 15L w 5yr PR Sub	0161
Per Server DR up to 2 Skts IPL 15L w 5yr ST Sub	0162
Per Server SM w DR up to 2 Skts IPL 15L w 5yr PR Sub	0163
Per Server SM w DR up to 2 Skts IPL 15L w 5yr ST Sub	0164
Per Svr 4 Cores 4L w 5yr ST Sub	0156
Per Svr 4 Cores 4L w 5yr PR Sub	0155
Per Svr EUS 4 Cores 4L w 5yr Sub	0151
Per Svr 4 Cores 4L w SM w 5yr ST Sub	0158
Per Svr 4 Cores 4L w SM w 5yr PR Sub	0157
Per Server HA 4 Cores 4L w 5yr Sub	0174
Per Server RS 4 Cores 4L w 5yr Sub	0176
Per Server DR 4 Cores 4L w 5yr PR Sub	0165
Per Server DR 4 Cores 4L w 5yr ST Sub	0166
Per Server SM w DR 4 Cores 4L w 5yr PR Sub	0167
Per Server SM w DR 4 Cores 4L w 5yr ST Sub	0168
<b>Feature description</b>	<b>Supply feature</b>
Product registration card	8000

### **Charge metric**

<b>Program name</b>	<b>PID number</b>	<b>Charge metric</b>
SUSE Linux Enterprise Server 12 for Power	5639-12S	Per 1-2 Sockets
Red Hat Enterprise Linux SAP Solutions for Power, LE	5639-RHS	Per 1-2 Sockets
Red Hat Enterprise Linux 7 for Power, little endian	5639-RLE	Per 1-2 Sockets; Per Server 4 Cores
SUSE Linux Enterprise Server for SAP Applications for Power	5639-SAP	Per Server 1-2 Sockets; Per Server 4 Cores

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## **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

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Yes. 15% to qualified educational institutions.

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## Statement of good security practices

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IT system security involves protecting systems and information through intrusion 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 regulatory compliant, comprehensive security approach, which will necessarily involve additional operational procedures, and may require other systems, products, or services to be most effective.

**Important:** IBM does not warrant that any systems, products, or services are immune from, or will make your enterprise immune from, the malicious or illegal conduct of any party.

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## Prices

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

Program name: SUSE Linux Enterprise Server for SAP Applications for Power Basic License One-Time Charge

Program number: 5639-SAP

Feature description	Feature number
SLES Live Patching for Power 1-2 skt w IV 1Yr	0017
SLES Live Patching for Power 1-2 skt w IV 3Yr	0018
SLES Live Patching for Power 1-2 skt w IV 5Yr	0019

Program name: SUSE Linux Enterprise Server 12 for Power Basic License One-Time Charge

Program number: 5639-12S

Feature description	Feature number
SLES Live Patching for Power 1-2 skt w IV 1Yr	0086
SLES Live Patching for Power 1-2 skt w IV 3Yr	0087
SLES Live Patching for Power 1-2 skt w IV 5Yr	0088

Program name: Red Hat Enterprise Linux SAP Solutions for Power, LE Basic License One-Time Charge

Program number: 5639-RHS

Feature description	Feature number
Per Svr SAP 2 Skts IPL 15L w 5yr ST Sub	0022
Per Svr SAP 2 Skts IPL 15L w 5yr PR Sub	0021
Per Svr SAP 4 cores 4L w 5yr ST Sub	0024
Per Svr SAP 4 cores 4L w 5yr PR Sub	0023

Program name: Red Hat Enterprise Linux 7 for Power, LE Basic License One-Time Charge

Program number: 5639-RLE

<b>Feature description</b>	<b>Feature number</b>
Per Svr up to 2 Skts IPL 15L w 5yr ST Sub	0160
Per Svr up to 2 Skts IPL 15L w 5yr PR Sub	0159
Per Svr EUS up to 2 Skts IPL 15L w 5yr Sub	0152
Per Svr up to 2 Skts IPL w SM 15L w 5yr ST Sub	0154
Per Svr up to 2 Skts IPL w SM 15L w 5yr PR Sub	0153
Per Svr up to 2 Skts HPC Compute Node w EUS 5yr	0172
Per Svr up to 2 Skts HPC Compute Node 5yr	0169
Per Svr up to 2 Skts HPC Head Node w 5yr PR Sub	0170
Per Svr up to 2 Skts HPC Head Node w 5yr ST Sub	0171
Per Server HA up to 2 Skts IPL 15L w 5yr Sub	0173
Per Server RS up to 2 Skts IPL 15L w 5yr Sub	0175
Per Server DR up to 2 Skts IPL 15L w 5yr PR Sub	0161
Per Server DR up to 2 Skts IPL 15L w 5yr ST Sub	0162
Per Server SM w DR up to 2 Skts IPL 15L w 5yr PR Sub	0163
Per Server SM w DR up to 2 Skts IPL 15L w 5yr ST Sub	0164
Per Svr 4 Cores 4L w 5yr ST Sub	0156
Per Svr 4 Cores 4L w 5yr PR Sub	0155
Per Svr EUS 4 Cores 4L w 5yr Sub	0151
Per Svr 4 Cores 4L w SM w 5yr ST Sub	0158
Per Svr 4 Cores 4L w SM w 5yr PR Sub	0157
Per Server HA 4 Cores 4L w 5yr Sub	0174
Per Server RS 4 Cores 4L w 5yr Sub	0176
Per Server DR 4 Cores 4L w 5yr PR Sub	0165
Per Server DR 4 Cores 4L w 5yr ST Sub	0166
Per Server SM w DR 4 Cores 4L w 5yr PR Sub	0167
Per Server SM w DR 4 Cores 4L w 5yr ST Sub	0168

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