

# IBM Power Systems Enterprise Cloud Edition and IBM Power Systems Enterprise Cloud Edition with AIX 7.2 offer a simplified purchasing model

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## Overview

IBM<sup>(R)</sup> Power Systems<sup>TM</sup> Enterprise Cloud Editions offer simplified purchasing models for IBM Power Systems software offerings that primarily provide value for clients using both IBM AIX<sup>(R)</sup> and Linux<sup>(R)</sup> on Power<sup>(R)</sup>. The offerings enable more flexible licensing models in terms of the operating system in the era of cloud. Bundled offerings help you facilitate hybrid cloud scenarios and provide an intuitive, web-based user interface that helps you simplify and accelerate management of your highly available and secure private clouds.

## Key prerequisites

IBM POWER8<sup>(R)</sup>, IBM POWER9<sup>TM</sup>, or later, technology-based server

## Planned availability date

November 9, 2018

## Description

The Power Systems Enterprise Cloud Editions offer more flexible licensing models in the era of cloud. To help Power Systems clients more rapidly deploy multi-cloud infrastructures, IBM is introducing cost-effective software editions with a compelling set of cloud-enabled capabilities. The new Power Enterprise Cloud Editions primarily provide value for clients using both AIX and Linux on Power, with simplified licensing models and advanced features.

The Power Systems Enterprise Cloud Edition, includes:

- IBM PowerSC<sup>TM</sup> Standard Edition
- IBM PowerSC Multi-Factor Authentication
- IBM Cloud<sup>TM</sup> PowerVC Manager for SDI (Software Defined Infrastructure) (2 TB per socket)
- IBM VM Recovery Manager HA

- IBM Aspera<sup>(R)</sup> High-Speed Transfer Endpoint 100 Mbps (1 Endpoint per server)
- IBM BigFix<sup>(R)</sup> LifeCycle
- IBM Cloud App Management Base
- IBM Cloud Management Console (36-month term)

Power Systems Enterprise Cloud Edition with AIX, for clients running the AIX operating system in their environment, includes:

- AIX 7.2 Standard Edition
- PowerSC Standard Edition
- PowerSC Multi-Factor Authentication
- Cloud PowerVC Manager for SDI (2 TB per socket)
- VM Recovery Manager HA
- Aspera High-Speed Transfer Endpoint 100 Mbps (1 Endpoint per server)
- BigFix LifeCycle
- Cloud App Management Base
- Cloud Management Console (36-month term)

The Cloud Management Console offering in these editions has a limit of 36 months of usage. To continue to use the Cloud Management Console beyond that time frame, clients must purchase a new package of offering 5765-CMT for either a 3-month, 6-month, 12-month, or 36-month period.

These two new offering bundles are capacity licenses, where the quantity of licenses must equal the number of active processors.

Clients can purchase a mix of the two editions on a server.

For additional information on the individual components, see the [Reference information](#) section.

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## Reference information

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- For information regarding AIX 7.2 Standard Edition, see Software Announcement [ZP18-0459](#), dated August 7, 2018.
- For information regarding PowerSC, see Software Announcement [ZP18-0207](#), dated April 24, 2018.
- For information regarding PowerSC Multi-Factor Authentication, see Software Announcement [ZP18-0572](#), dated October 9, 2018.
- For information regarding Cloud PowerVC Manager for SDI, see Software Announcement [ZP17-0621](#), dated October 10, 2017.
- For information regarding VM Recovery Manager HA, see Software Announcement [ZP18-0364](#), dated October 9, 2018.
- For information regarding Aspera High-Speed Transfer Endpoint, see Software Announcement [ZP18-0203](#), dated March 20, 2018.
- For information regarding BigFix LifeCycle, see Software Announcement [ZP17-0079](#), dated March 21, 2017.
- For information regarding IBM Cloud App Management Base, see Software Announcement [ZP18-0372](#), dated June 26, 2018.
- For information regarding Cloud Management Console, see Software Announcement [ZP18-0274](#), dated August 7, 2018.

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## Program number

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Program number	VRM	Program name
5765-ECB	1.1.0	IBM Power Systems Enterprise Cloud Edition

Program number	VRM	Program name
5765-CBA	1.1.0	IBM Power Systems Enterprise Cloud Edition with AIX 7.2

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### Product identification number

Program number	Maintenance 1-year PID number	Maintenance ALC PID number	Maintenance 3-year PID number
5765-ECB	5771-ECB	5771-ECA	5773-ECB
Program number	Maintenance 1-year PID number	Maintenance ALC PID number	Maintenance 3-year PID number
5765-CBA	5771-CBA	5771-CBB	5773-CBA

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## Offering Information

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

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## Publications

None

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## Services

### Global Technology Services

Contact your IBM representative for the list of selected services available in your country, either as standard or customized offerings for the efficient installation, implementation, or integration of this product.

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## Technical information

### Specified operating environment

#### Hardware requirements

A POWER8, POWER9, or later, technology-based server.

#### Software requirements

For the following individual components, the requirements are:

- Cloud PowerVC Manager for SDI: 2 TB per socket.
- Aspera Endpoint 100 Mbps: 1 Endpoint per server.
- Cloud Management Console: A 36-month term.

### Planning information

#### Packaging

This offering is delivered as an electronic download and physical media.

### Security, auditability, and control

The Power Systems Enterprise Cloud Editions uses the security and auditability features of the host hardware or software.

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

## Ordering information

Consult your IBM representative.

### Program description

Program number	Description	
5765-ECB	IBM Power Systems Enterprise Cloud Edition	
5765-CBA	IBM Power Systems Enterprise Cloud Edition with AIX 7.2	

  

Program number	Feature description	OTC feature number
5765-ECB	Per Processor Core on Small Server	V8KZBG
5765-ECB	Per Processor Core on Medium Server	V8K0BG
5765-ECB	Upgrade from Small Use Per Processor Core to Medium	XIREBG

  

Program number	Feature description	OTC feature number
5765-CBA	Trade-up from 5765-CD1 on Small	XIRFBG
5765-CBA	Trade-up from 5765-CD3 on Small	XIRGBG
5765-CBA	Trade-up from 5765-G98 on Small	XIRHBG
5765-CBA	Per Processor Core on Small Server	V8KXBG
5765-CBA	Trade-up from 5765-CD1 on Medium	XIRIBG
5765-CBA	Trade-up from 5765-CD3 on Medium	XIRJBG
5765-CBA	Trade-up from 5765-G98 on Medium	XIRKBG
5765-CBA	Per Processor Core on Medium Server	V8KYBG
5765-CBA	Upgrade from Small Use Per Processor Core to Medium	XIRDBG

This software license includes Software Maintenance, previously referred to as Software Subscription and Technical Support.

Extending coverage for a total of three years from the date of acquisition may be elected. Order the program number, feature number, and quantity to extend coverage for your software licenses. If maintenance has expired, specify the after-license feature number.

### Maintenance PID description

Program number: 5765-ECB -IBM Power Systems Enterprise Cloud Edition

Maintenance PID number	Description
5771-ECB	IBM Power Systems Enterprise Cloud Edition 1yr SWMA
5773-ECB	IBM Power Systems Enterprise Cloud Edition 3yr SWMA
5771-ECA	IBM Power Systems Enterprise Cloud Edition ALC

Program number: 5765-CBA -IBM Power Systems Enterprise Cloud Edition with AIX 7.2

<b>Maintenance PID number</b>	<b>Description</b>
5771-CBA	IBM Power Systems Enterprise Cloud Edition with AIX 7.2 1yr SWMA
5773-CBA	IBM Power Systems Enterprise Cloud Edition with AIX 7.2 3yr SWMA
5771-CBB	IBM Power Systems Enterprise Cloud Edition with AIX 7.2 ALC

### Program description

Program number: 5765-ECB -IBM Power Systems Enterprise Cloud Edition

<b>Maintenance PID number</b>	<b>Feature description</b>	<b>OTC feature number</b>
5771-ECB	1 Year Registration Per Processor Core on Small Server	Z1XBJA
5771-ECB	1 Year Renewal Per Processor Core on Small Server	B1XBCH
5771-ECB	1 Year Registration Per Processor Core on Medium Server	Z1XCJA
5771-ECB	1 Year Renewal Per Processor Core on Medium Server	B1XCCH
<b>Maintenance PID number</b>	<b>Feature description</b>	<b>OTC feature number</b>
5773-ECB	3 Year Registration Per Processor Core on Small Server	U1P1C5
5773-ECB	3 Year Renewal Per Processor Core on Small Server	U1P1C6
5773-ECB	3 Year Registration Per Processor Core on Medium Server	U1P2C5
5773-ECB	3 Year Renewal Per Processor Core on Medium Server	U1P2C6
<b>Maintenance PID number</b>	<b>Feature description</b>	<b>OTC feature number</b>
5771-ECA	After License Per Processor Core on Small Server	M1XFM1
5771-ECA	After License Per Processor Core on Medium Server	M1XGM1

Program number: 5765-CBA -IBM Power Systems Enterprise Cloud Edition with AIX 7.2

<b>Maintenance PID number</b>	<b>Feature description</b>	<b>OTC feature number</b>
5771-CBA	1 Year Registration Processor Core on Small Server	Z1W9JA
5771-CBA	1 Year Renewal Processor Core on Small Server	B1W9CH
5771-CBA	1 Year Registration Per Processor Core on Medium Server	Z1XAJA
5771-CBA	1 Year Renewal Per Processor Core on Medium Server	B1XACH

<b>Maintenance PID number</b>	<b>Feature description</b>	<b>OTC feature number</b>
5773-CBA	3 Year Registration Per Processor Core on Small Server	U1PZC5
5773-CBA	3 Year Renewal Per Processor Core on Small Server	U1PZC6
5773-CBA	3 Year Registration Per Processor Core on Medium Server	U1P0C5
5773-CBA	3 Year Renewal Per Processor Core on Medium Server	U1P0C6

  

<b>Maintenance PID number</b>	<b>Feature description</b>	<b>OTC feature number</b>
5771-CBB	After License Per Processor Core on Small Server	M1XDM1
5771-CBB	After License Per Processor Core on Medium Server	M1XEM1

### Charge metric

<b>Program name</b>	<b>PID number</b>	<b>Charge metric</b>
IBM Power Systems Enterprise Cloud Edition	5765-ECB	Per Processor Core
IBM Power Systems Enterprise Cloud Edition with AIX 7.2	5765-CBA	Per Processor Core

### System Program Order (SPO)

An order for SPO 5692-A6P is mandatory for shipments of program distribution. The individual licensed program orders are for registration and billing purposes only. No shipment occurs under these orders.

To receive shipment of machine-readable materials the order needs to include SPO 5692-A6P for AIX. The individual licensed program order (5765-ECB) must still be ordered but will be for registration and billing purposes only and will not result in shipment of materials.

<b>Program number</b>	<b>Program/Function name</b>	<b>Feature number</b>
5692-A6P	PowerSC Standard Edition	2283
5692-A6P	PowerSC MFA	2329
5692-A6P	Cloud PowerVC Manager for SDI	2306/2333
5692-A6P	VM Recovery Manager HA	2342
5692-A6P	Aspera High-Speed Transfer Endpoint	2350
5692-A6P	BigFix LifeCycle	2325
5692-A6P	Cloud App Management Base	2351
5692-A6P	Cloud Management Console	2347
5692-A6P	Enterprise Cloud Edition License	2352

To receive shipment of machine-readable materials, the order needs to include SPO 5692-A6P for AIX. The individual licensed program order (for example, 5765-CBA)

must still be ordered but will be for registration and billing purposes only and will not result in shipment of materials.

<b>Program number</b>	<b>Program/Function name</b>	<b>Feature number</b>
5692-A6P	PowerSC Standard Edition	2283
5692-A6P	PowerSC MFA	2329
5692-A6P	Cloud PowerVC Manager for SDI	2306/2333
5692-A6P	VM Recovery Manager HA	2342
5692-A6P	Aspera High-Speed Transfer Endpoint	2350
5692-A6P	BigFix LifeCycle	2325
5692-A6P	Cloud App Management Base	2351
5692-A6P	Cloud Management Console	2347
5692-A6P	AIX 7.2 Base Install	2313
5692-A6P	AIX 7.2 Expansion Pack	2315
5692-A6P	Enterprise Cloud AIX 7.2 Specify	2354
5692-A6P	Linux Toolbox Apps	2259 (optional add/no default)
5692-A6P	Linux Toolbox Source	0957 (optional add/no default)
5692-A6P	JKIT (Japan only)	0952 (optional add/no default)

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## **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<sup>(R)</sup> Agreement, and the IBM Agreement for Acquisition of Software Maintenance.

### **Licensing**

IBM International Program License Agreement including the License Information document and Proof of Entitlement (PoE) govern your use of the program. PoEs are required for all authorized use.

This software license includes Software Subscription and Support (also referred to as Software Maintenance).

### **Software Maintenance**

The IBM Agreement for Acquisition of Software Maintenance (Z125-6011) applies for Subscription and Support (also referred to as Software Maintenance) and does not require client signatures.

Licenses under the IBM Program License Agreement (IPLA) provide for support with ongoing access to releases and versions of the program. The initial period of Software Subscription and Support can be extended by the purchase of a renewal option, if available. Two charges apply: a one-time license charge for use of the program and an annual renewable charge for the enhanced support that includes telephone assistance (voice support for defects during normal business hours), as well as access to updates, releases, and versions of the program as long as support is in effect.

### **License Information number**

The following License Information documents apply to the offerings in this announcement:

<b>Program identifier</b>	<b>License Information document title</b>	<b>License Information document number</b>
5765-ECB	Power Systems Enterprise Cloud Edition	<a href="#">L-AKKK-B4LCR2</a>
5765-CBA	Power Systems Enterprise Cloud Edition with AIX 7.2	<a href="#">L-AKKK-B4LC8T</a>

Select your language of choice and scroll down to the Charge Metrics section. Follow-on releases, if any, may have updated terms. See the [License Information documents](#) website for more information.

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### **Limited warranty applies**

Yes

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### **Limited warranty**

IBM warrants that when the program is used in the specified operating environment, it will conform to its specifications. The warranty applies only to the unmodified portion of the program. IBM does not warrant uninterrupted or error-free operation of the program or that IBM will correct all program defects. You are responsible for the results obtained from the use of the program.

IBM provides you with access to IBM databases containing information on known program defects, defect corrections, restrictions, and bypasses at no additional charge. For further information, see the [IBM Software Support Handbook](#).

IBM will maintain this information for at least one year after the original licensee acquires the program (warranty period).

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### **Money-back guarantee**

If for any reason you are dissatisfied with the program and you are the original licensee, you may obtain a refund of the amount you paid for it, if within 30 days of your invoice date you return the program and its PoE to the party from whom you obtained it. If you downloaded the program, you may contact the party from whom you acquired it for instructions on how to obtain the refund.

For clarification, note that for programs acquired under any of IBM's On/Off Capacity on Demand (On/Off CoD) software offerings, this term does not apply since these offerings apply to programs already acquired and in use by you.

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### **Volume orders (IVO)**

Yes. Contact your IBM representative.

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### **Passport Advantage applies**

No

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### **Software Subscription and Support applies**

Yes. All distributed software licenses include Software Subscription and Support (also referred to as Software Maintenance) for a period of 12 months from the date of acquisition, providing a streamlined way to acquire IBM software and assure technical support coverage for all licenses. Extending coverage for a total of three years from date of acquisition may be elected.



While your Software Subscription and Support is in effect, IBM provides you assistance for your routine, short duration installation and usage (how-to) questions, and code-related questions. IBM provides assistance by telephone and, if available, electronic access, only to your information systems (IS) technical support personnel during the normal business hours (published prime shift hours) of your IBM support center. (This assistance is not available to your end users.) IBM provides Severity 1 assistance 24 hours a day, every day of the year. For additional details, go to the [IBM support guide](#) web page.

Software Subscription and Support does not include assistance for the design and development of applications, your use of programs in other than their specified operating environment, or failures caused by products for which IBM is not responsible under this agreement.

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**System i Software Maintenance applies**

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No

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**Variable charges apply**

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No

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**Educational allowance available**

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Yes. When ordering through the program number process, a 15% education allowance applies to qualified education institution clients.

Education Software Allowance Program applies when ordering through the program number process.

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**ESAP available**

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Yes, to qualified clients.

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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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**IBM Electronic Services**

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Electronic Service Agent™ and the IBM Electronic Support web portal are dedicated to providing fast, exceptional support to organizations that have IBM Systems. The IBM Electronic Service Agent tool is a no-additional-charge tool that proactively monitors and reports hardware events, such as system errors, performance issues, and inventory. The Electronic Service Agent tool can help you stay focused on your company's strategic business initiatives, save time, and spend less effort managing

day-to-day IT maintenance issues. Servers enabled with this tool can be monitored remotely around the clock by IBM Support, all at no additional cost to you.

Now integrated into the base operating system of AIX V7, Electronic Service Agent is designed to automatically and electronically report system failures and utilization issues to IBM, which can result in faster problem resolution and increased availability. System configuration and inventory information collected by the Electronic Service Agent tool also can be viewed on the secure Electronic Support web portal, and used to improve problem determination and resolution by you and the IBM support team. To access the tool main menu, simply type `smitty esa_main`, and select Configure Electronic Service Agent. In addition, ESA now includes a powerful web user interface, giving the administrator easy access to status, tool settings, problem information, and filters. For more information and documentation on how to configure and use Electronic Service Agent, go to the [IBM Electronic Service Agent](#) website.

The IBM Electronic Support portal is a single internet entry point that replaces the multiple entry points traditionally used to access IBM internet services and support. This portal enables you to gain easier access to IBM resources for assistance in resolving technical problems. The My Systems and Premium Search functions make it even easier for organizations that are Electronic Service Agent tool-enabled to track system inventory and find pertinent fixes.

## Benefits

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**Increased uptime:** The Electronic Service Agent™ tool is designed to enhance the Warranty or Maintenance Agreement by providing faster hardware error reporting and uploading system information to IBM Support. This can translate to less wasted time monitoring the symptoms, diagnosing the error, and manually calling IBM Support to open a problem record. Its 24 x 7 monitoring and reporting mean human intervention is not required to report errors.

**Security:** The Electronic Service Agent tool is designed to be secure in monitoring, reporting, and storing the data at IBM. The Electronic Service Agent tool is designed to securely transmit either through the internet (HTTPS or VPN) or modem to provide organizations a single point of exit from their site. Communication is one way. Activating Electronic Service Agent does not enable IBM to call into an organization's system.

For additional information, go to the [IBM Electronic Service Agent](#) website.

**More accurate reporting:** Because system information and error logs are automatically uploaded to the IBM Support Center in conjunction with the service request, you are not required to find and send system information, decreasing the risk of misreported or misdiagnosed errors. Once inside IBM, problem error data is run through a data knowledge management system and knowledge articles are appended to the problem record.

**Customized support:** Using the IBMid entered during activation, you can view system and support information in the *My Systems and Premium Search* sections of the [IBM Electronic Support](#) page.

My Systems provides valuable reports of installed hardware and software using information collected from the systems by Electronic Service Agent. Reports are available for any system associated with your IBMid. Premium Search combines the function of search and the value of Electronic Service Agent information, providing advanced search of the technical support knowledgebase. Using Premium Search and the Electronic Service Agent information that has been collected from your system, you are able to see search results that apply specifically to your systems.

For more information on how to utilize the power of IBM Electronic Services, contact your IBM Systems Services Representative, or go to the [IBM Electronic Support](#) website.

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## Prices

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For all local charges, contact your IBM representative.

### **IBM Global Financing**

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IBM Global Financing offers competitive financing to credit-qualified clients to assist them in acquiring IT solutions. Offerings include financing for IT acquisition, including hardware, software, and services, from both IBM and other manufacturers or vendors. Offerings (for all client segments: small, medium, and large enterprise), rates, terms, and availability can vary by country. Contact your local IBM Global Financing organization or go to the [IBM Global Financing](#) website for more information.

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## Announcement countries

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All European, Middle Eastern, and African countries, except Islamic Republic of Iran, Sudan, and Syrian Arab Republic.

### **Trademarks**

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