



IBM Starter Kit for Cloud on Power lets you quickly implement entry cloud capabilities

Table of contents

1 Overview	4 Technical information
1 Description	5 Ordering information
2 Statement of direction	7 Terms and conditions
2 Program number	9 Prices
4 Publications	11 Order now

Overview

IBM® Starter Kit for Cloud on Power® is an entry private cloud offering that is designed to be simple to deploy and easy to use. It works with a client's existing IBM Power Systems™ infrastructure, and can enable data center managers to quickly deploy self-service provisioning of virtualized workloads with a simple interface that provides oversight while increasing IT efficiency and lowering administration costs. IBM Starter Kit for Cloud on Power allows Power Systems clients to quickly and easily start the transition to a cloud-based infrastructure and prove the benefits of a cloud delivery model.

IBM Starter Kit for Cloud on Power is a solution that builds upon IBM PowerVM™ virtualization and IBM Systems Director VMControl™, with support for virtualized AIX® and Linux™ workloads. It can enable rapid scalability by allowing additional servers or blades to be added to the cloud infrastructure. It also includes basic workload metering to support a "pay-per-use" business model. Clients can also progress from IBM Starter Kit for Cloud on Power to IBM's more advanced cloud offerings such as IBM Service Delivery Manager.

IBM Power Systems are suited for cloud environments, with effective virtualization, scalability, and RAS characteristics, enabling clients to move mission-critical workloads to a private cloud environment. IBM Starter Kit for Cloud on Power leverages these capabilities to quickly and easily deliver an entry private cloud for Power Systems clients.

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

Planned availability date

November 18, 2011

Description

IBM Starter Kit for Cloud is designed to be a lightweight, entry cloud offering that provides easy-to-install and easy-to-use cloud features at a low cost. This new offering can transform PowerVM and Systems Director VMControl into an entry private cloud.

IBM Starter Kit for Cloud features include:

- Self-service portal for workload provisioning (create/replicate assets, manage deployments, and monitor activity)
- Image management with image tooling and library
- Ability to create and operate a persistent cloud
- Basic metering, authentication, and authorization
- Self-service portal for simple image deployments
 - Ability to create assets, replicate assets, and manage deployments
 - Monitor activity
- Image management with image tooling and library
- Automated infrastructure failover and recovery instead of manual intervention

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

Section 508 of the US Rehabilitation Act

IBM Starter Kit for Cloud, when used in accordance with IBM's associated documentation, satisfies 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 requested at

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

Statement of direction

IBM intends to enhance IBM Starter Kit for Cloud to allow image management support for IBM i, thus enabling image deployment for all IBM Power technology-based operating systems.

IBM's statements regarding its plans, directions, and intent are subject to change or withdrawal without notice at IBM's sole discretion. Information regarding potential future products is intended to outline our general product direction and it should not be relied on in making a purchasing decision. The information mentioned regarding potential future products is not a commitment, promise, or legal obligation to deliver any material, code or functionality. Information about potential future products may not be incorporated into any contract. The development, release, and timing of any future features or functionality described for our products remains at our sole discretion.

Program number

Program number	VRM	Program name
5765-SKC	2.2	IBM Starter Kit for Cloud
5660-SKC	1.1	1yr Software Maintenance
5661-SKC	1.1	1yr After License Charge
5662-SKC	1.1	3yr Software Maintenance
5663-SKC	1.1	3yr Software Maintenance Renewal
5664-SKC	1.1	3yr After License Charge

Product identification number

Program PID number	Maintenance	Maintenance
	1-year PID number	3-year PID number
5765-SKC	5660-SKC 1yr SWMA	5662-SKC 3yr SWMA
	5661-SKC 1yr ALC	5664-SKC 3yr ALC
		5663-SKC 3yr Renewal

Offering Information

Product information is available via the Offering Information website

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

Electronic Software Update orders

Entitled Software Update (ESU) is a way for customers to self order their Power software release upgrades via the Entitled Software Support (ESS) website without the need to go to their seller to place the upgrade order. Entitled Software Update (ESU) orders for Electronic Software Delivery (ESD) is now available in all countries.

ESU orders for software will be placed on the Entitled Software Support (ESS) website

<http://www.ibm.com/servers/eserver/ess>

Customers should generally select electronic delivery when ordering via ESU, but do have the ability to select physical delivery. Programs ordered for ESD will have the same download images provided as on the CD media shipped for physical orders. Countries requiring physical delivery of License Information documentation will have these documents shipped separately. This physical shipment will not delay the immediate availability of the ESD images for customer download.

ESD customers placing ESD software orders will receive an email with the software order information. The ESU customer will be able to immediately proceed to the Downloads website for program access, instead of waiting for delivery of a physical package shipped from IBM.

Customers choosing physical delivery will also have the electronic images available for ESD download.

- ESD help (instructions on how to use)
http://www.ibm.com/systems/support/software/delivery/en_US/downloadinfo.html
- ESD sign-in (must have Customer number and Product software entitlements to get in)
<https://www.ibm.com/servers/eserver/ess/OpenServlet.wss>
- List of Power software products that are available for electronic download
http://www.ibm.com/systems/support/software/delivery/en_US/supportedproducts.html

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=211-312>

Publications

No publications are shipped with this program.

Technical information

Specified operating environment

Hardware requirements

- IBM Power Systems

Software requirements

IBM AIX 7 or AIX 6 operating system

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

The IBM Starter Kit for Cloud package contains DVDs that include product installation documentation and files.

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

Security and auditability features of the SDMC are like the HMC. SDMC relies on the security of the Linux-based appliance, including ssh and a restricted shell. The Systems Director application audits users and tasks, and provides an SSL-based user interface that allows for customer-supplied certificates.

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
IBM Starter Kit for Cloud	5765-SKC	Per Processor Core
Program name	PID number	Charge metric
IBM Starter Kit for Cloud V2.2	5765-SKC	Per processor core Small, Medium, Large
SW Maintenance Registration/Renewal 1 Yr	5660-SKC	Per processor core Small, Medium, Large
SW Maintenance After License 1 Yr	5661-SKC	Small, Medium, Large
SW Maintenance Registration 3 Yr	5662-SKC	Per processor core
SW Maintenance After License 3 Yr	5664-SKC	Per processor core Small, Medium, Large

Processor

Processor is a unit of measure by which the program can be licensed. Processor (commonly called a *processor core* or *CPU*) is a functional unit within a computing device that interprets and executes instructions. A processor consists of at least an instruction control unit and one or more arithmetic or logic unit. With multi-core technology, each core is considered a processor. A Proof of Entitlement (PoE) must be acquired for all activated processor cores available for use on the server.

Authorization for the IBM Starter Kit for Cloud Program is based on the total number of activated processors (including any temporary processors) on the machines running the program and the activated processors (including any temporary processors) on the machines being managed by the program.

Orders may be placed beginning with configurator availability.

For new orders, select from the following table:

Description	Processor-based OTC feature number
5765-SKC IBM Starter Kit for Cloud V2.2	
Per processor core - small	0001
Per processor core - medium	0002
Upgrade small to medium	0003
Per processor core - large	0004
Upgrade small to large	0005
Upgrade medium to large	0006

Software Maintenance

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.

5660-SKC SW Maintenance Registration 1 Year

Description	Feature number
Per processor core on small reg	1641
Per processor core on small reg 7x24	1643
Per processor core on medium reg	1644
Per processor core on medium reg 7x24	1646
Per processor core on large reg	1647
Per processor core on large reg 7x24	1649

5661-SKC SW Maintenance 1 Yr After License Charge

Description	Feature number
Per processor core on small ALC	0589
Per processor core on medium ALC	0591
Per processor core on large ALC	0593

5662-SKC SW Maintenance Registration 3 Year

Description	Feature number
Per processor core on small reg	0867
Per processor core on small reg 7x24	0868
Per processor core on medium reg	0869
Per processor core on medium reg 7x24	0870
Per processor core on large reg	0871
Per processor core on large reg 7x24	0872

5664-SKC SW Maintenance 3 Yr After License Charge

Description	Feature number
Per processor core on small ALC	0001
Per processor core on medium ALC	0003
Per processor core on large ALC	0005

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.

Specify feature number 3435.

Machine-readable materials are only available on DVD. To receive shipment of machine-readable materials, the order needs to include SPO 5692-A6P. The individual licensed program order (for example, 5765-SKC) must still be ordered but will be for registration and billing purposes only and will not result in shipment of materials.

Program number	Program/Function name	Feature number
5692-A6P	IBM Starter Kit for Cloud V2.2	2294

Basic machine-readable material

Select one of the following priced feature numbers for media type under 5692-A6P.

Media type	Media feature number	Media process charges feature number
DVD	3435	1100 Media Charge
DVD	3435	1101 Media No-charge

Program number	Description	Feature number
5765-SKC	Branch Office Expedite	3445
5660-SKC	Branch Office Expedite	3445
5661-SKC	Branch Office Expedite	3445
5662-SKC	Branch Office Expedite	3445
5664-SKC	Branch Office Expedite	3445

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

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).

Agreement for Acquisition of Software Maintenance

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

These programs are licensed under the IBM Program License Agreement (IPLA) and the associated Agreement for Acquisition of Software Maintenance, which provide for support with ongoing access to releases and versions of the program. IBM includes one year of Software Subscription and Support with the initial license acquisition of each program acquired. The initial period of Software Subscription and Support can be extended by the purchase of a renewal option, if available. These programs have 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 form number

LC23-5113-00 (LICR# -- L-LHIH-8J9R8E)

The program's License Information will be available for review on the IBM Software License Agreement website

<http://www.ibm.com/software/sla/sladb.nsf>

Limited warranty applies

Yes

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, consult the IBM Software Support Handbook found at

<http://www.ibm.com/support/handbook>

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

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.

Volume orders (IVO)

Yes. Contact your IBM representative.

Passport Advantage applies

No

Software Subscription and Support applies

No. 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 via 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, consult your IBM Software Support Handbook at

<http://www.ibm.com/support/handbook>

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.

IBM Operational Support Services -- SoftwareXcel

No

System i Software Maintenance applies

No

Variable charges apply

No

Educational allowance available

Yes. A 15% education allowance applies to qualified education institution customers.

IBM Electronic Services

IBM has transformed its delivery of hardware and software support services to help you achieve higher system availability. Electronic Services is a web-enabled solution that offers an exclusive, no-additional-charge enhancement to the service and support available for IBM servers. These services are designed to provide the opportunity for greater system availability with faster problem resolution and preemptive monitoring. Electronic Services comprises two separate, but complementary, elements: Electronic Services news page and Electronic Services Agent.

The Electronic Services news page is a single Internet entry point that replaces the multiple entry points traditionally used to access IBM Internet services and support. The news page enables you to gain easier access to IBM resources for assistance in resolving technical problems.

The Electronic Service Agent™ is no-additional-charge software that resides on your server. It monitors events and transmits system inventory information to IBM on a periodic, client-defined timetable. The Electronic Service Agent automatically reports hardware problems to IBM. Early knowledge about potential problems enables IBM to deliver proactive service that may result in higher system availability and performance. In addition, information collected through the Service Agent is made available to IBM service support representatives when they help answer your questions or diagnose problems. Installation and use of IBM Electronic Service Agent for problem reporting enables IBM to provide better support and service for your IBM server.

To learn how Electronic Services can work for you, visit

<http://www.ibm.com/support/electronic>

Prices

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

5765-SKC IBM Starter Kit for CCloud V2.2	Processor- based OTC feature number	OTC
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Description	Feature number	OTC
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5662-SKC SW Maintenance Registration 3 Year

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Per processor core on medium reg	0869	
Per processor core on medium reg 7x24	0870	
Per processor core on large reg	0871	
Per processor core on large reg 7x24	0872	

5664-SKC SW Maintenance 3 Yr After License Charge

Description	Feature number	OTC
Per processor core on small ALC	0001	
Per processor core on medium ALC	0003	
Per processor core on large ALC	0005	

Pricing terms

Prices in the following PDF prices link are suggested list prices on day of announcement for the U.S. 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-211-312-List_prices_2011_10_12.PDF](#)

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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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