

# IBM Power Systems Private Cloud Solution now offers monthly post-pay billing option for minutes of Metered Capacity consumption

## Table of contents

<a href="#">1 Overview</a>	<a href="#">4 Technical information</a>
<a href="#">2 Key requirements</a>	<a href="#">5 Ordering information</a>
<a href="#">2 Planned availability date</a>	<a href="#">7 Terms and conditions</a>
<a href="#">2 Program number</a>	<a href="#">9 Prices</a>
<a href="#">3 Publications</a>	<a href="#">9 Regional availability</a>

---

## Overview

---

The IBM<sup>(R)</sup> Power<sup>(R)</sup> Systems Private Cloud Solution with Shared Utility Capacity was initially launched with support to share hardware and software resources across a collection of on-premises IBM Power systems, with prepaid access to additional, fully active compute resources by the minute that were debited as used from Capacity Credits for Power on account.

Now, IBM is offering a new option to deploy a Power Private Cloud with Shared Utility Capacity infrastructure similar to other private cloud offerings, with monthly billing of consumed Metered Capacity resources. This option is offered in addition to and is not replacing the current option for prepaid Capacity Credits.

Clients will now be able to get a Pool ID without having Capacity Credits on account and select an option to receive invoicing on a monthly basis. This enhancement is designed to simplify and streamline the deployment of IBM Power9 and IBM Power10 technology-based systems in a Power Private Cloud infrastructure and reduce efforts to estimate how many Capacity Credits might be required to have on account. Clients will be able to assign a Pool ID, accept terms and conditions for billing through IBM or an authorized IBM Business Partner, and proceed to start a new Power Enterprise Pool.

When clients select the monthly billing option, any minutes of Metered Capacity resource consumed each month will be invoiced at the published rate of consumption for each resource through the following products designed to itemize billing:

- IBM AIX<sup>(R)</sup> Metered Capacity (5765-AXM): Medium-tier and small-tier features; rate includes AIX and other installed, eligible products<sup>1</sup>, such as IBM PowerVM<sup>(R)</sup>, IBM PowerVC, and IBM Cloud<sup>(R)</sup> Management Console for Power (CMC).
- IBM i Metered Capacity (5770-SSM): P10, P20, and P30 tier features; rate includes IBM i and other installed, eligible products<sup>1</sup>, such as PowerVM, PowerVC, and CMC.
- SUSE Linux<sup>(R)</sup> Enterprise Server (SLES) Metered Capacity (5639-SLM): Medium-tier and small-tier features; rate includes SLES, SLES for SAP, and other installed, eligible products<sup>1</sup>, such as PowerVM, PowerVC, and CMC.
- Red Hat<sup>(R)</sup> Enterprise Linux (RHEL) Metered Capacity (5639-RSM): Medium-tier and small-tier features; rate includes RHEL, RHEL for SAP for Power, and other installed, eligible products<sup>1</sup>, such as PowerVM, PowerVC, and CMC.

- OpenShift<sup>®</sup> Container Platform (OCP) Metered Capacity (5639-OSM): Medium-tier and small-tier features; rate includes OCP and other installed, eligible products<sup>1</sup>, such as PowerVM, PowerVC, and CMC.

The CMC will continue to monitor and show the number of minutes consumed each month for each resource as well as the equivalent consumption of Capacity Credits consumed to help ensure consistency with prepaid deployments and to facilitate existing budgeting functions of the Enterprise Pools application.

Metered Capacity resource minutes consumed on Power systems will be billed based on a feature structure for each Product ID. These Product IDs are designed to bill a large, aggregate range of minutes consumed, based on the potential monthly use of each Metered Capacity resource. For example, for High-end Processor Activation resource usage, several features are defined to bill:

- 1 Minute High-end Processor Activation consumed
- 1 Hour x High-end Processor Activation consumed
- 1 x Day High-end Processor Activation consumed
- 1,000 x Days High-end Processor Activation consumed

<sup>1</sup> The eligible product list for Metered Capacity entitlement is published in the *IBM License Supplement for IBM Power Systems -- Shared Utility Capacity on Enterprise Pools 2* (Z126-8404).

---

## Key requirements

---

- One or more Power9 or Power10 server, or a combination of the two, with Power Enterprise Pools 2.0 enablement feature EP20 configured, as well as the Base Processor feature, the Memory Activation feature, or a combination of the two configured, as applicable to the machine type model
- One or more eligible operating system license or subscription with at least one core of entitlement included on each system

---

## Planned availability date

---

May 13, 2022

Availability within a country is subject to local legal requirements.

---

## Reference information

---

For more information, see Hardware Announcement [ZG22-0041](#), dated May 3, 2022.

---

## Program number

---

Program number	VRM	Program name
5765-AXM	1.1.0	AIX Metered Capacity
5770-SSM	1.1.0	IBM i Metered Capacity
5639-RHM	1.0.0	Red Hat Enterprise Linux and RHEL for SAP for Power Metered Capacity
5639-OSM	1.0.0	Red Hat OpenShift Container Platform Metered Capacity
5639-SLM	1.0.0	SUSE Linux Enterprise Server Metered Capacity

---

## Offering Information

---

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

---

## Publications

---

None

---

## Services

---

### **IBM Systems Lab Services**

Systems Lab Services offers infrastructure services to help build hybrid cloud and enterprise IT solutions. From servers to storage systems and software, Systems Lab Services can help deploy the building blocks of a next-generation IT infrastructure to empower a client's business. Systems Lab Services consultants can perform infrastructure services for clients online or onsite, offering deep technical expertise, valuable tools, and successful methodologies. Systems Lab Services is designed to help clients solve business challenges, gain new skills, and apply best practices.

Systems Lab Services offers a wide range of infrastructure services for IBM Power servers, IBM Storage systems, IBM Z<sup>(R)</sup>, and IBM LinuxONE. Systems Lab Services has a global presence and can deploy experienced consultants online or onsite around the world.

For assistance, contact Systems Lab Services at [ibmsls@us.ibm.com](mailto:ibmsls@us.ibm.com).

To learn more, see the [IBM Systems Lab Services](#) website.

### **IBM Consulting<sup>TM</sup>**

As transformation continues across every industry, businesses need a single partner to map their enterprise-wide business strategy and technology infrastructure. IBM Consulting is the business partner to help accelerate change across an organization. IBM specialists can help businesses succeed through finding collaborative ways of working that forge connections across people, technologies, and partner ecosystems. IBM Consulting brings together the business expertise and an ecosystem of technologies that help solve some of the biggest problems faced by organizations. With methods that get results faster, an integrated approach that is grounded in an open and flexible hybrid cloud architecture, and incorporating technology from IBM Research<sup>(R)</sup> and IBM Watson<sup>(R)</sup> AI, IBM Consulting enables businesses to lead change with confidence and deliver continuous improvement across a business and its bottom line.

For additional information, see the [IBM Consulting](#) website.

### **IBM Technology Support Services (TSS)**

Get preventive maintenance, onsite and remote support, and gain actionable insights into critical business applications and IT systems. Speed developer innovation with support for over 240 open-source packages. Leverage powerful IBM analytics and AI-enabled tools to enable client teams to manage IT problems before they become emergencies.

TSS offers extensive IT maintenance and support services that cover more than one niche of a client's environment. TSS covers products from IBM and OEMs, including servers, storage, network, appliances, and software, to help clients ensure high availability across their data center and hybrid cloud environment.

For details on available services, see the [Technology support for hybrid cloud environments](#) website.

### **IBM Expert Labs**

Expert Labs can help clients accelerate their projects and optimize value by leveraging their deep technical skills and knowledge. With more than 20 years of industry experience, these specialists know how to overcome the biggest challenges to deliver business results that can have an immediate impact.

Expert Labs' deep alignment with IBM product development allows for a strategic advantage as they are often the first in line to get access to new products, features, and early visibility into roadmaps. This connection with the development enables them to deliver First of a Kind implementations to address unique needs or expand a client's business with a flexible approach that works best for their organization.

For additional information, see the [IBM Expert Labs](#) website.

### **IBM Security<sup>(R)</sup> Expert Labs**

With extensive consultative expertise on IBM Security software solutions, Security Expert Labs helps clients and partners modernize the security of their applications, data, and workforce. With an extensive portfolio of consulting and learning services, Expert Labs provides project-based and premier support service subscriptions.

These services can help clients deploy and integrate IBM Security software, extend their team resources, and help guide and accelerate successful hybrid cloud solutions, including critical strategies such as zero trust. Remote and on-premises software deployment assistance is available for IBM Cloud Pak<sup>(R)</sup> for Security, IBM Security QRadar<sup>(R)</sup>/QRoC, IBM Security SOAR/Resilient<sup>(R)</sup>, IBM i2<sup>(R)</sup>, IBM Security Verify, IBM Security Guardium<sup>(R)</sup>, and IBM Security MaaS360<sup>(R)</sup>.

For more information, contact Security Expert Labs at [sel@us.ibm.com](mailto:sel@us.ibm.com).

For additional information, see the [IBM Security Expert Labs](#) website.

---

## **Technical information**

---

### **Specified operating environment**

---

#### **Hardware requirements**

- One or more Power9 or Power10 server, or a combination of the two, with Power Enterprise Pools 2.0 enablement feature EP20 configured, as well as the Base Processor feature, the Memory Activation feature, or a combination of the two configured, as applicable to the machine type model
- One or more eligible operating system license or subscription with at least one core of entitlement included on each system

#### **Software requirements**

Not applicable

#### **IBM Support**

[IBM Support](#) is your gateway to technical support tools and resources that are designed to help you save time and simplify support. IBM Support can help you find answers to questions, download fixes, troubleshoot, submit and track problem cases, and build skills. Learn and stay informed about the transformation of IBM Support, including new tools, new processes, and new capabilities, by going to the [IBM Support Insider](#).

#### **Additional IBM support**

## IBM Client Engineering for Systems

Client Engineering for Systems is a framework for accelerating digital transformation. It helps you generate innovative ideas and equips you with the practices, technologies, and expertise to turn those ideas into business value in weeks. When you work with Client Engineering for Systems, you bring pain points into focus. You empower your team to take manageable risks, adopt leading technologies, speed up solution development, and measure the value of everything you do. Client Engineering for Systems has experts and services to address a broad array of use cases, including capabilities for business transformation, hybrid cloud, analytics and AI, infrastructure systems, security, and more. Contact Client Engineering for Systems at [sysgarage@ibm.com](mailto:sysgarage@ibm.com).

### Planning information

---

#### **Packaging**

##### **Packaging information**

This program, when downloaded from a website, contains the applicable IBM license agreement and License Information, if appropriate, which will be presented for acceptance at the time of installation of the program. For future reference, the license and License Information will be stored in a directory such as LICENSE.TXT.

---

### Ordering information

---

Consult your IBM representative or IBM Business Partner.

#### **New feature numbers**

AIX Metered Capacity (5765-AXM) introduces the following feature numbers:

<b>Program number</b>	<b>Feature description</b>	<b>OTC Feature number</b>
5765-AXM	1000-days medium	V8P8BG
5765-AXM	1-day medium	V8P9BG
5765-AXM	1-hour medium	V8RABG
5765-AXM	1-minute medium	V8RBBG
5765-AXM	1000-days small	V8RCBG
5765-AXM	1-day small	V8RDBG
5765-AXM	1-hour small	V8REBG
5765-AXM	1-minute small	V8RFBG
<b>Program number</b>	<b>Feature description</b>	<b>Process Option feature number</b>
5765-AXM	First Digit of Pool ID	4001
5765-AXM	Second Digit of Pool ID	4002
5765-AXM	Third Digit of Pool ID	4003
5765-AXM	Fourth Digit of Pool ID	4004
5765-AXM	Year of Usage	4005
5765-AXM	Month of Usage	4006

IBM i Metered Capacity (5770-SSM) introduces the following feature numbers:

<b>Program number</b>	<b>Feature description</b>	<b>OTC feature number</b>
5770-SSM	1-day P10/P20 tier	V0MJBG
5770-SSM	1-hour P10/P20 tier	V0MKBG
5770-SSM	1000-day P10/P20 tier	V0MLBG
5770-SSM	1-minute P10/P20 tier	V0MMBG
5770-SSM	1-day P30 tier	V0MPBG
5770-SSM	1-hour P30 tier	V0MRBG
5770-SSM	1-minute P30 tier	V0MSBG

<b>Program number</b>	<b>Feature description</b>	<b>OTC feature number</b>
5770-SSM	1000-day P30 tier	VOMTBG
<b>Program number</b>	<b>Feature description</b>	<b>Process option feature number</b>
5770-SSM	First Digit of Pool ID	4001
5770-SSM	Second Digit of Pool ID	4002
5770-SSM	Third Digit of Pool ID	4003
5770-SSM	Fourth Digit of Pool ID	4004
5770-SSM	Year of Usage	4005
5770-SSM	Month of Usage	4006

Red Hat Metered Capacity (5639-RHM) introduces the following feature numbers:

<b>Program number</b>	<b>Feature description</b>	<b>OTC feature number</b>
5639-RHM	1-minute medium	VEGMBG
5639-RHM	1-hour medium	VEGKBG
5639-RHM	1-day medium	VEGJBG
5639-RHM	1000-days medium	VEGLBG
5639-RHM	1-minute small	VEGSBG
5639-RHM	1-hour small	VEGPBG
5639-RHM	1-day small	VEGRBG
5639-RHM	1000-days small	VEGTBG
<b>Program number</b>	<b>Feature description</b>	<b>Process option feature number</b>
5639-RHM	First Digit of Pool ID	4001
5639-RHM	Second Digit of Pool ID	4002
5639-RHM	Third Digit of Pool ID	4003
5639-RHM	Fourth Digit of Pool ID	4004
5639-RHM	Year of Usage	4005
5639-RHM	Month of Usage	4006

Openshift (CoreOS) Metered Capacity (5639-OSM) introduces the following feature numbers:

<b>Program number</b>	<b>Feature description</b>	<b>OTC feature number</b>
5639-OSM	1-minute medium	VEGUBG
5639-OSM	1-hour medium	VEGWBG
5639-OSM	1-day medium	VEGVBG
5639-OSM	1000-days medium	VEGXBG
5639-OSM	1-minute small	VEGZBG
5639-OSM	1-hour small	VEG1BG
5639-OSM	1-day small	VEG0BG
5639-OSM	1000-days small	VEG2BG
<b>Program number</b>	<b>Feature description</b>	<b>Process option feature number</b>
5639-OSM	First Digit of Pool ID	4001
5639-OSM	Second Digit of Pool ID	4002
5639-OSM	Third Digit of Pool ID	4003
5639-OSM	Fourth Digit of Pool ID	4004
5639-OSM	Year of Usage	4005
5639-OSM	Month of Usage	4006

SUSE Metered Capacity (5639-SLM) introduces the following feature numbers:

<b>Program number</b>	<b>Feature description</b>	<b>OTC feature number</b>
5639-SLM	1-minute medium	VEG3BG

<b>Program number</b>	<b>Feature description</b>	<b>OTC feature number</b>
5639-SLM	1-hour medium	VEG5BG
5639-SLM	1-day medium	VEG4BG
5639-SLM	1000-days medium	VEG6BG
5639-SLM	1-minute small	VEHABG
5639-SLM	1-hour small	VEG8BG
5639-SLM	1-day small	VEG9BG
5639-SLM	1000-days small	VEHBBG

  

<b>Program number</b>	<b>Feature description</b>	<b>Process option feature number</b>
5639-SLM	First Digit of Pool ID	4001
5639-SLM	Second Digit of Pool ID	4002
5639-SLM	Third Digit of Pool ID	4003
5639-SLM	Fourth Digit of Pool ID	4004
5639-SLM	Year of Usage	4005
5639-SLM	Month of Usage	4006

### **Charge metric**

Not applicable

---

## **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.

### **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 International Program License Agreement (IPLA) 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. 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**

Not applicable

### **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, see the [IBM Support Guide](#).

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

## **Program support**

---

Subscription and Support includes telephone assistance, as well as access to updates, releases, and versions of the program as long as support is in effect. You will be notified of discontinuance of support with 12 months' notice.

## **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

## **Usage restrictions**

---

Yes

For usage restrictions, see the License Information documents listed in this [Terms and conditions](#) section.

## **Software Subscription and Support applies**

---

For operating system software, the revised IBM Operational Support Services - Support Line offering will provide support for those operating systems and associated products that are not available with the Software Subscription and Support (Software Maintenance) offering.

This will ensure total support coverage for your enterprise needs, including IBM and selected non-IBM products. For complete lists of products supported under both the current and revised offering, go to the [Supported product list](#) website.

## **IBM Operational Support Services - Support Line**

---



No

---

**System i Software Maintenance applies**

---

No

---

**Variable charges apply**

---

Yes

---

**Educational allowance available**

---

Not applicable

---

**ESAP available**

---

Yes, to qualified clients.

---

**Statement of good security practices**

---

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.

---

**Prices**

---

For all local charges, contact your IBM representative.

---

**IBM Global Financing**

---

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.

IBM Global Financing offerings are provided through IBM Credit LLC in the United States, and other IBM subsidiaries and divisions worldwide to qualified commercial and government clients. Rates are based on a client's credit rating, financing terms, offering type, equipment type, and options, and may vary by country. Other restrictions may apply. Rates and offerings are subject to change, extension, or withdrawal without notice.

---

**Regional availability**

---

---

**Europe:** Aland Islands, Andorra, Austria, Belgium, Cyprus, Czech Republic, Denmark, Faroe Islands, Finland, France, Germany, Greece, Greenland, Holy See (Vatican City State), Iceland, Ireland, Israel, Italy, Liechtenstein, Luxembourg, Monaco, Netherlands, Norway, Poland, Portugal, San Marino, Slovakia, Slovenia, Spain, Svalbard and Jan Mayen, Sweden, Switzerland, and United Kingdom

**Middle East and Africa:** Algeria, Egypt, and South Africa

### ***Trademarks***

IBM Consulting is a trademark of IBM Corporation in the United States, other countries, or both.

IBM, Power, AIX, PowerVM, IBM Cloud, IBM Z, Passport Advantage, IBM Research, IBM Watson, IBM Security, IBM Cloud Pak, QRadar, Resilient, i2, Guardium and MaaS360 are registered trademarks of IBM Corporation in the United States, other countries, or both.

The registered trademark Linux® is used pursuant to a sublicense from the Linux Foundation, the exclusive licensee of Linus Torvalds, owner of the mark on a world-wide basis.

Red Hat and OpenShift are registered trademarks of Red Hat Inc. in the U.S. and other countries.

Other company, product, and service names may be trademarks or service marks of others.

### ***Terms of use***

IBM products and services which are announced and available in your country can be ordered under the applicable standard agreements, terms, conditions, and prices in effect at the time. IBM reserves the right to modify or withdraw this announcement at any time without notice. This announcement is provided for your information only. Reference to other products in this announcement does not necessarily imply those products are announced, or intend to be announced, in your country. Additional terms of use are located at

[Terms of use](#)

For the most current information regarding IBM products, consult your IBM representative or reseller, or go to the [IBM worldwide contacts page](#)

[IBM Directory of worldwide contacts](#)