

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

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Overview

The IBM^(R) Power^(R) 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^(R) Metered Capacity (5765-AXM): Medium-tier and small-tier features; rate includes AIX and other installed, eligible products¹, such as IBM PowerVM^(R), IBM PowerVC, and IBM Cloud^(R) 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 products¹, such as PowerVM, PowerVC, and CMC.
- SUSE Linux^(R) Enterprise Server (SLES) Metered Capacity (5639-SLM): Medium-tier and small-tier features; rate includes SLES, SLES for SAP, and other installed, eligible products¹, such as PowerVM, PowerVC, and CMC.
- Red Hat^(R) 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 products¹, such as PowerVM, PowerVC, and CMC.

- OpenShift[®] Container Platform (OCP) Metered Capacity (5639-OSM): Medium-tier and small-tier features; rate includes OCP and other installed, eligible products¹, 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

¹ 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 [A22-0134](#), 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

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

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For more information, contact Security Expert Labs at 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

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Planning information

Packaging

Packaging information

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Ordering information

Consult your IBM representative or IBM Business Partner.

New feature numbers

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

Program number	Feature description	OTC feature number
5765-AXM	1000-days medium	C3JL
5765-AXM	1-day medium	C3JM
5765-AXM	1-hour medium	C3JN
5765-AXM	1-minute medium	C3JP
5765-AXM	1000-days small	C3JQ
5765-AXM	1-day small	C3JR
5765-AXM	1-hour small	C3JT
5765-AXM	1-minute small	C3JU
Program number	Feature description	Process Option feature number
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:

Program number	Feature description	OTC feature number
5770-SSM	1-day P10/P20 tier	2117
5770-SSM	1-hour P10/P20 tier	2118
5770-SSM	1000-day P10/P20 tier	2119
5770-SSM	1-minute P10/P20 tier	2120
5770-SSM	1-day P30 tier	2122
5770-SSM	1-hour P30 tier	2123
5770-SSM	1-minute P30 tier	2124

Program number	Feature description	OTC feature number
5770-SSM	1000-day P30 tier	2125
Program number	Feature description	Process option feature number
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:

Program number	Feature description	OTC feature number
5639-RHM	1-minute medium	F5CV
5639-RHM	1-hour medium	F5CT
5639-RHM	1-day medium	F5CR
5639-RHM	1000-days medium	F5CU
5639-RHM	1-minute small	F5DC
5639-RHM	1-hour small	F5DA
5639-RHM	1-day small	F5DB
5639-RHM	1000-days small	F5DD
Program number	Feature description	Process option feature number
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:

Program number	Feature description	OTC feature number
5639-OSM	1-minute medium	F5DP
5639-OSM	1-hour medium	F5DR
5639-OSM	1-day medium	F5DQ
5639-OSM	1000-days medium	F5DT
5639-OSM	1-minute small	F5DV
5639-OSM	1-hour small	F5EA
5639-OSM	1-day small	F5DW
5639-OSM	1000-days small	F5EB
Program number	Feature description	Process option feature number
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:

Program number	Feature description	OTC feature number
5639-SLM	1-minute medium	F5DE

Program number	Feature description	OTC feature number
5639-SLM	1-hour medium	F5DG
5639-SLM	1-day medium	F5DF
5639-SLM	1000-days medium	F5DH
5639-SLM	1-minute small	F5DM
5639-SLM	1-hour small	F5DK
5639-SLM	1-day small	F5DL
5639-SLM	1000-days small	F5DN

Program number	Feature description	Process option feature number
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

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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.

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

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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

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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

Academic use allowance

Yes

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.

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GST, QST, and sales taxes, where applicable, are extra.

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

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5639-RHM	1-day small	F5DB
5639-RHM	1000-days small	F5DD

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5639-SLM	1-minute small	F5DM
5639-SLM	1-hour small	F5DK
5639-SLM	1-day small	F5DL
5639-SLM	1000-days small	F5DN

Variable charges: The applicable processor-based one-time charge will be based on the group of the designated machine on which the program is licensed for use.

If the program is designated to a processor in a group for which no charge is listed, the charge of the next higher group listed applies. For movement to a machine in a higher group, an upgrade charge equal to the difference in the then-current charges between the two groups will apply. For movement to a machine in a lower group, there will be no adjustment or refund of charges paid.

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