

IBM PowerVM for Linux, IBM PowerVC, and IBM PowerVC for Private Cloud deliver updates and enhancements

Table of contents

1 Overview	5 Ordering information
1 Key requirements	6 Terms and conditions
2 Planned availability date	8 Prices
2 Program number	10 Order now
2 Publications	10 Regional availability
4 Technical information	

Overview

IBM^(R) PowerVM^(R) for Linux^(R), IBM PowerVC, and IBM PowerVC for Private Cloud offer clients key updates and enhancements.

For convenience, IBM now offers a five-year SWMA for PowerVM for Linux, which accompanies the existing one-year and three-year SWMA.

PowerVC and PowerVC for Private Cloud are enhanced with:

- Self-service virtual machine (VM) deployment scheduling
- User interface (UI) performance improvements

IBM Cloud^(R) Management Console (CMC) 1.17 is enhanced with:

- Hybrid cloud inventory and monitoring of PowerVS VMs
- Alerts and notifications for inventory and patch planning apps
- Addition of an include list option for monitoring systems
- Infrastructure and cloud connector updates
- Support for handling different application programming interface (API) keys for IBM Cloudant^(R)
- Chargeback (one-minute interval) and post-pay for IBM Power^(R) Private Cloud Metered Capacity
- Accessibility compliance
- Angular update to latest supported level for currency
- Filebeat and logstash update for currency
- Purge option for logging data
- Red Hat^(R) CoreOS (OpenShift^(R)) metering

Key requirements

- For PowerVM Linux Edition (5765-VL3): IBM Power10, IBM Power9, or IBM Power8 technology-based server
- For PowerVC (5765-VS2): Power8, or later, technology-based server
- For PowerVC for Private Cloud (5765-VC2): Power8, or later, technology-based server

Planned availability date

- May 20, 2022, except for PowerVC
- May 27, 2022, for PowerVC

Availability within a country is subject to local legal requirements.

Program number

Program number	VRM	Program name
5765-VL3	3.1.3	IBM PowerVM for Linux
5765-VS2	2.0.3	IBM PowerVC
5765-VC2	2.0.3	IBM PowerVC for Private Cloud
5765-CMT	1.1.7	IBM Cloud Management Console
5765-AMT	7.3.0	IBM AIX ^(R) 7 Monthly Term Offering

Program number	Maintenance 5-year Program number
5765-VL3	5775-PVL

Note: 5775-PVL is a new 5-year SWMA for PowerVM for Linux.

Program number	Maintenance 2-year Program number	Maintenance 4-year Program number	Maintenance 5-year Program number
5765-DRG	5772-DRG	5774-DRG	5775-DRG
Program number	Maintenance 2-year Program number	Maintenance 4-year Program number	Maintenance 5-year Program number
5765-H39	5666-H23	5669-H23	5665-H23
Program number	Maintenance 2-year Program number	Maintenance 4-year Program number	Maintenance 5-year Program number
5765-VRM	-	-	5775-VRM

Note: These 5765-DRG, 5765-H39, and 5765-VRM are the convenience ordering features from the 2, 4, 5-year SWMA that are announcing. These maintenance PIDs are the ones that have an impact in the ordering information section.

Note: The SWMA for the program numbers 5765-VL3, 5765-VS2, 5765-VC2, 5765-CMT, and 5765-AMT are already announced.

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 on-line 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^(R), and IBM LinuxONE. Systems Lab Services has a global presence and can deploy experienced consultants on-line or onsite around the world.

For assistance, contact Systems Lab Services at ibmsls@us.ibm.com.

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

IBM ConsultingTM

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^(R) and IBM Watson^(R) 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 centre 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^(R) 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^(R) for Security, IBM Security QRadar^(R)/QRoC, IBM Security SOAR/Resilient^(R), IBM i2^(R), IBM Security Verify, IBM Security Guardium^(R), and IBM Security MaaS360^(R).

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

- For PowerVM Linux Edition (5765-VL3): Power10, Power9, or Power8 technology-based server
- For PowerVC (5765-VS2): Power8, or later, technology-based server
- For PowerVC for Private Cloud (5765-VC2): Power8, or later, technology-based server

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^(R).

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.

IBM Configurator for e-business (e-config)

Program number	Feature description	Process Option Feature number
5765-AMT	AIX 7.2 Specify Code	2508
5765-AMT	AIX 7.3 Specify Code	2377

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

Extending coverage for a total of five 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 program number description

Maintenance program number	Description
5772-DRG	VM Recovery Manager DR 2yr Reg SWMA
5774-DRG	VM Recovery Manager DR 4yr Reg SWMA
5775-DRG	VM Recovery Manager DR 5yr Reg SWMA
5666-H23	PowerHA ^(R) Std Ed 2yr Reg SWMA
5669-H23	PowerHA Std Ed 4yr Reg SWMA
5665-H23	PowerHA Std Ed 5yr Reg SWMA
5775-VRM	VM Recovery Mgr HA 5yr Reg SWMA
5775-PVL	PowerVM PowerLinux 5yr Reg

VM Recovery Manager DR 2Y (5772-DRG)

Maintenance program number	Feature description	OTC feature number
5772-DRG	2yr Reg Per 250 Proc Med	0197
5772-DRG	2yr Reg Per 250 Proc Sm	0199

VM Recovery Manager DR 4Y (5774-DRG)

Maintenance program number	Feature description	OTC feature number
5774-DRG	4yr Reg Per 250 Proc Med	0137
5774-DRG	4yr Reg Per 250 Proc Sm	0139

VM Recovery Manager DR 5Y (5775-DRG)

Maintenance program number	Feature description	OTC feature number
5775-DRG	5yr Reg Per 250 Proc Med	0630
5775-DRG	5yr Reg Per 250 Proc Sm	0632

PowerHA Standard Ed 2yr REG (5666-H23)

Maintenance program number	Feature description	OTC feature number
5666-H23	2yr Reg Per 50 Proc Med	0475
5666-H23	2yr Reg Per 50 Proc Sm	0480

PowerHA Standard Ed 4yr REG (5669-H23)

Maintenance program number	Feature description	OTC feature number
5669-H23	4yr Reg Per 50 Proc Med	0033

Maintenance program number	Feature description	OTC feature number
5669-H23	4yr Reg Per 50 Proc Sm	0035

PowerHA Std Ed 5yr (5665-H23)

Maintenance program number	Feature description	OTC feature number
5665-H23	5yr Reg Per 50 Proc Med	A5JD
5665-H23	5yr Reg Per 50 Proc Sm	A5JE

VM Recovery Mgr HA 5Y (5775-VRM)

Maintenance program number	Feature description	OTC feature number
5775-VRM	5yr Reg Per 250 Proc Med	0626
5775-VRM	5yr Reg Per 250 Proc Sm	0628

PowerVM PowerLinux 5yr Reg (5775-PVL)

Maintenance program number	Feature description	OTC feature number
5775-PVL	5yr Reg Per Proc Sm	0639
5775-PVL	5yr Reg Per Proc Med	0641
5775-PVL	5yr Reg Per Proc Med IFL	0643

Charge metric

All products are already announced. No changes to the existing licenses.

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^(R) 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 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

All products are already announced. No changes to the existing licenses.

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).

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

Yes. All distributed software licenses include Software Subscription and Support 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

centre. (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 Handbooks](#) 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.

System i Software Maintenance applies

No

Variable charges apply

Yes

Educational allowance available

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

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.

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

Prices are subject to change without notice.

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

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

VM Recovery Manager DR 2Y (5772-DRG)

Program number	Feature description	OTC feature number
5772-DRG	2yr Reg Per 250 Proc Med	0197
5772-DRG	2yr Reg Per 250 Proc Sm	0199

VM Recovery Manager DR 4Y (5774-DRG)

Program number	Feature description	OTC feature number
5774-DRG	4yr Reg Per 250 Proc Med	0137

Program number	Feature description	OTC feature number
5774-DRG	4yr Reg Per 250 Proc Sm	0139

VM Recovery Manager DR 5Y (5775-DRG)

Program number	Feature description	OTC feature number
5775-DRG	5yr Reg Per 250 Proc Med	0630
5775-DRG	5yr Reg Per 250 Proc Sm	0632

PowerHA^(R) Standard Ed 2yr REG (5666-H23)

Program number	Feature description	OTC feature number
5666-H23	2yr Reg Per 50 Proc Med	0475
5666-H23	2yr Reg Per 50 Proc Sm	0480

PowerHA Standard Ed 4yr REG (5669-H23)

Program number	Feature description	OTC feature number
5669-H23	4yr Reg Per 50 Proc Med	0033
5669-H23	4yr Reg Per 50 Proc Sm	0035

PowerHA Std Ed 5yr (5665-H23)

Program number	Feature description	OTC feature number
5665-H23	5yr Reg Per 50 Proc Med	A5JD
5665-H23	5yr Reg Per 50 Proc Sm	A5JE

VM Recovery Mgr HA 5Y (5775-VRM)

Program number	Feature description	OTC feature number
5775-VRM	5yr Reg Per 250 Proc Med	0626
5775-VRM	5yr Reg Per 250 Proc Sm	0628

PowerVM PowerLinux 5yr Reg (5775-PVL)

Program number	Feature description	OTC feature number
5775-PVL	5yr Reg Per Proc Sm	0639
5775-PVL	5yr Reg Per Proc Med	0641
5775-PVL	5yr Reg Per Proc Med IFL	0643

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.

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.

Order now

To order, contact the IBM Digital Sales Center, your local IBM representative, or your IBM Business Partner. To identify your local IBM representative or IBM Business Partner, call 800-IBM-4YOU (426-4968). For more information, contact the IBM Digital Sales Center.

Phone: 800-IBM-4YOU (426-4968)

Fax: 800-2IBM-FAX (242-6329)

For IBM representative: askibm@ca.ibm.com

For IBM Business Partner: pwcs@us.ibm.com

IBM Digital Sales Offices
3600 Steeles Ave. East
Markham, ON L3R 9Z7, CA
H7

The IBM Digital Sales Center, our national direct marketing organization, can add your name to the mailing list for catalogues of IBM products.

Note: Shipments will begin after the planned availability date.

Regional availability

Anguilla, Antigua and Barbuda, Aruba, Bahamas, Barbados, Bermuda, Sint Eustatius and Saba Bonaire, Canada, Cayman Islands, Curacao, Dominica, Grenada, Guyana, Jamaica, Montserrat, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Sint Maarten, Suriname, Trinidad and Tobago, Turks and Caicos Islands, and British Virgin Islands

Trade-marks

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

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

The registered trade-mark 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 trade-marks of Red Hat Inc. in the U.S. and other countries.

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

Trade-mark owned by International Business Machines Corporation and is used under license by IBM Canada Ltd.

® Registered trade-mark of International Business Machines Corporation and is used under license by IBM Canada Ltd.

(**) Company, product or service name may be a trade-mark or service mark 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. 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 Canada](#)