

# IBM Infrastructure Suite for z/VM and Linux 2.2 extends feature set with tape management and infrastructure management capabilities

## Table of contents

<a href="#">1 Overview</a>	<a href="#">6 Technical information</a>
<a href="#">2 Key requirements</a>	<a href="#">7 Ordering information</a>
<a href="#">2 Planned availability date</a>	<a href="#">9 Terms and conditions</a>
<a href="#">3 Product positioning</a>	<a href="#">12 Prices</a>
<a href="#">3 Program number</a>	<a href="#">12 Regional availability</a>
<a href="#">3 Publications</a>	

## At a glance

IBM<sup>(R)</sup> Infrastructure Suite for z/VM<sup>(R)</sup> and Linux<sup>(R)</sup> provides the capability to manage IBM z/VM environments and Linux guests, as well as support for backup and recovery of the entire system, in a single solution. IBM Infrastructure Suite for z/VM and Linux provides you with extensive insight to efficiently control and support your IBM z/VM and Linux on IBM Z<sup>(R)</sup> or LinuxONE environment with the following features:

- Performance monitoring of z/VM and Linux guests
- Capability to facilitate automated operations
- Operational monitoring and console logging of z/VM and Linux guests
- Backup and recovery of z/VM and Linux on IBM Z or LinuxONE environments

In addition, Infrastructure Suite for z/VM and Linux 2.2 adds the following optional features:

- IBM Tape Manager for z/VM, which provides tape management for clients performing backups to real or virtual tapes
- IBM Cloud<sup>(R)</sup> Infrastructure Center, which is an IaaS offering that provides an industry-standard user experience for both traditional and cloud infrastructure management

## Overview

Organizations that have expanded their businesses using virtualization technology with Linux on IBM Z or LinuxONE now can have one solution that provides multiple tools to monitor, automate, and back up and recover their entire z/VM and Linux on IBM Z or LinuxONE environment, including the management of Linux virtual servers as part of both traditional and cloud infrastructure. Infrastructure Suite for z/VM and Linux enables you to simplify and automate z/VM management with tools that are designed to drive productivity and reduce complexity.

Infrastructure Suite for z/VM and Linux 2.2 includes:

- IBM Tivoli<sup>(R)</sup> OMEGAMON<sup>(R)</sup> XE on z/VM and Linux 4.3
- IBM Spectrum<sup>(R)</sup> Protect Extended Edition 8.1
- IBM Operations Manager for z/VM 1.6

- IBM Backup and Restore Manager for z/VM 1.3

In addition, the following optional, separately orderable features of Infrastructure Suite for z/VM and Linux 2.2 are now available:

- IBM Tape Manager for z/VM 1.3
- IBM Cloud Infrastructure Center 1.1.5, or later

Infrastructure Suite for z/VM and Linux 2.2 is designed to provide the following benefits:

- More effective performance monitoring by including z/VM and Linux data in customized views and historical data
- Faster problem identification from alert generation and automatic recovery
- Extensive console logging for z/VM and Linux virtual machines
- Backup and recovery for z/VM and Linux environments
- Tape management for real and virtual tape environments
- Management of Linux on IBM Z or LinuxONE virtual servers as part of both traditional and cloud infrastructure environments

For more information about the products in Infrastructure Suite for z/VM and Linux, see the following websites:

- [IBM Tivoli OMEGAMON XE on z/VM and Linux](#)
- [IBM Operations Manager for z/VM](#)
- [IBM Backup and Restore Manager for z/VM](#)
- [IBM Spectrum Protect](#)
- [IBM Tape Manager for z/VM](#)
- [IBM Cloud Infrastructure Center](#)

---

## Key requirements

---

For details, see the [Hardware requirements](#) and [Software requirements](#) sections.

---

## Planned availability date

---

April 29, 2022

Availability within a country is subject to local legal requirements.

---

## Accessibility by people with disabilities

---

Accessibility Compliance Reports (previously known as a VPAT) containing details on accessibility compliance to standards, including the Worldwide Consortium Web Content Accessibility Guidelines, European Standard EN 301 349, and US Section 508, can be found on the [IBM Accessibility Conformance Reports](#) website.

---

## Engine-based Value Unit pricing

---

Engine-based Value Unit pricing for IBM Infrastructure Suite for z/VM and Linux is designed to provide a decreasing price curve as hardware capacities and workload grow, which may help improve price and performance.

There may also be a price benefit when you grow your capacity. Additional capacity is not priced starting at the base with a higher price per unit. Instead, additional

capacity is priced starting at the capacity (engines) on which has already been installed.

**Note:** Value Units of a given product cannot be exchanged, interchanged, or aggregated with Value Units of another product.

---

## IPLA and Subscription and Support considerations

---

A no-charge Subscription and Support registration record will be established for each designated machine where IBM Infrastructure Suite for z/VM and Linux 2.2 is running. These no-charge Subscription and Support registration records will be linked to the billable Subscription and Support, and all billable Subscription and Support within the scope of the engine-based Value Units aggregation will be linked together.

Subscription and Support is an annual charge and should be kept at an annual term.

---

## Product positioning

---

The value of Infrastructure Suite for z/VM and Linux 2.2 is full-featured management of the z/VM and Linux environment through the combination of performance monitoring and insight, operational monitoring and alerting, automation, backup and recovery, and management of Linux virtual servers as part of both traditional and cloud infrastructure. Infrastructure Suite for z/VM and Linux provides a broad spectrum of tools with integrated functionality designed to maintain a high level of service and reduce total cost of ownership for the z/VM environment.

---

## Program number

---

Program number	VRM	Program name
5698-K01	2.2.0	IBM Infrastructure Suite for z/VM and Linux
5698-K02	2.1.0	IBM Infrastructure Suite for z/VM and Linux S&S
Program PID number	Subscription and Support PID number	
5698-K01	5698-K02	

---

## Education support

---

IBM training provides education to support many IBM offerings. Descriptions of courses for IT professionals and managers can be found on the [IBM Training and Skills](#) website.

Contact your IBM representative for course information.

---

## Offering Information

---

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

---

## Publications

---

Publication delivery type legend:

- "E" - Electronic only

- "B" - Electronic, and Physical

The following publications are provided with IBM Infrastructure Suite for z/VM and Linux 2.2 (5698-K01):

<b>Title</b>	<b>Order number</b>	<b>Delivery type</b>
IBM Infrastructure Suite for z/VM and Linux V2 Program Directory	GI13-5602	E
IBM Infrastructure Suite for z/VM and Linux V2 License Information CD	LC31-5701	B
IBM Tivoli OMEGAMON XE on z/VM and Linux Program Directory	GI11-4135	E
IBM Operations Manager for z/VM Program Directory	GI10-8664	E
IBM Backup and Restore Manager for z/VM Program Directory	GI10-8662	E
IBM Tivoli OMEGAMON XE on z/VM and Linux V4.3.0 Quick Start Guide	GI11-9441	B
IBM Infrastructure Suite for z/VM and Linux- Cloud Infrastructure Center Readme	GI13-5822	B
IBM Tape Manager for z/VM Program Directory	GI10-8660	E
IBM Tape Manager for z/VM V2.2.0 Memo To User CD	LCD8-2820	B
IBM Cloud Infrastructure Center V2.2.0 Memo To User CD	LCD8-2830	B
IBM Tape Manager for z/VM V2.2.0 Memo To User CD	LCD8-2840	B
IBM Cloud Infrastructure Center V2.2.0 Memo To User CD	LCD8-2850	B

---

## 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<sup>(R)</sup> servers, IBM Storage systems, IBM Z, 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

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**

Infrastructure Suite for z/VM and Linux is designed to operate on any hardware that supports the prerequisite software.

#### **Software requirements**

Both the IBM Tape Manager for z/VM and IBM Cloud Infrastructure Center features of Infrastructure Suite for z/VM and Linux require the base Infrastructure Suite.

Software requirements for the programs in Infrastructure Suite for z/VM and Linux are available at the following websites:

- [IBM Tivoli OMEGAMON XE on z/VM and Linux](#)
- [IBM Spectrum Protect Extended Edition](#)
- [IBM Operations Manager for z/VM](#)
- [IBM Backup and Restore Manager for z/VM](#)
- [IBM Tape Manager for z/VM](#)
- [IBM Cloud Infrastructure Center](#)

#### **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**

The programs in this announcement are distributed with the following content:

- Basic machine-readable material
- Program Directory
- License Information
- IBM International Program License Agreement (IPLA)
- IBM Agreement for Acquisition of Software Maintenance (IAASM)

## Direct client support

---

For technical support or assistance, contact your IBM representative or go to the [IBM Support](#) website.

## Security, auditability, and control

---

The announced program uses the security and auditability features of the host operating system 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 or IBM Business Partner.

The programs in this announcement all have Value Unit-Based pricing.

Program number	Program name	Value Unit exhibit
5698-K01	IBM Infrastructure Suite for z/VM and Linux	VUE021

For each IBM Z IPLA program with Value Unit pricing, the quantity of that program needed to satisfy applicable IBM terms and conditions is referred to as the *required license capacity*. Your required license capacity is based upon the following factors:

- The IBM Z IPLA program you select.
- The applicable Value Unit Exhibit.
- The applicable terms.
- Whether your current mainframes are full capacity or sub-capacity.

### Value Unit exhibit VUE021

Engine-based Value Units for a specified number of engines are determined by the following table:

Level	Engines minimum	Engines maximum	Value Units per engine
From 1 to 3	1	3	10
From 4 to 6	4	6	9
From 7 to 9	7	9	8
From 10 to 12	10	12	7
From 13 to 16	13	16	6
From 17 to 20	17	20	5
From 21 to 25	21	25	4
For more than 25	26	+	3

### Charge metric

---

The charge metrics for this licensed product can be found in the following License Information document:

Program identifier	License Information document title	License Information document number
5698-K01	IBM Infrastructure Suite for z/VM and Linux	<a href="#">L-AADS-C7YRU4</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.

## Basic license

To order, specify the program ID number and the appropriate license or charge option.

### Program name: IBM Infrastructure Suite for z/VM and Linux 2.2

#### Program ID: 5698-K01

Entitlement identifier	Description	License option/Pricing metric
S018JH3	Infrastructure Ste z/VM V2	Basic OTC, Per Value Unit Basic OTC, per Processor-day TUC
Entitlement identifier	Description	License option/Pricing metric
S018M9J	IISz - Tape Manager for z/VM	Basic OTC, Per Value Unit Basic OTC, per Processor-day TUC
Entitlement identifier	Description	License option/Pricing metric
S018M9K	IISz - Cloud Infrastructure	Basic OTC, Per Value Unit Basic OTC, per Processor-day TUC
Orderable supply ID	Description	Language
S018JH4	IBM Infrastructure Suite for z/VM and Linux V2	English
S018MBB	IISz - Tape Mgr for z/VM	English
S018MB9	IISz - Cloud Infrastructure	English

#### Subscription and Support Program ID: 5698-K02

Entitlement identifier	Description	License option/Pricing metric
S018JK3	Infrastruct Ste z/VM V2 S&S	Basic ASC, per Value Unit SW S&S No charge, decline SW S&S No charge SW S&S registration
Entitlement identifier	Description	License option/Pricing metric
S018MB4	IISz - Tape Mgr for z/VM S&S	Basic ASC, per Value Unit SW S&S No charge, decline SW S&S No charge SW S&S registration
Entitlement identifier	Description	License option/Pricing metric
S018MB3	IISz - Cloud Infrastruct S&S	Basic ASC, per Value Unit SW S&S No charge, decline SW S&S No charge SW S&S registration



Orderable supply ID	Description	Language
S018JH7	IBM Infrastructure Suite for z/VM and Linux V2 S&S	English
S018MB6	IISz - Tape Mgr for z/VM S&S	English
S018MB5	IISz - Cloud Infrastruct S&S	English

### On/Off CoD

IBM Infrastructure Suite for z/VM and Linux 2.2 is eligible for On/Off CoD with a temporary use charge calculated based on MSUs per-day usage.

**Program name: IBM Infrastructure Suite for z/VM and Linux 2.2**

**Program number: 5698-K01**

Entitlement identifier	Description	License option/Pricing metric
S018JH3	Infrastructure Ste z/VM V2	Basic OTC, per Processor-day TUC

## 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 following agreement applies for Software Subscription and Support (Software Maintenance) and does not require client signatures:

- IBM Agreement for Acquisition of Software Maintenance (Z125-6011)

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. 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.

Maintenance for the following components of IBM Infrastructure Suite for z/VM and Linux is available on IBM Fix Central:

- Spectrum Protect Extended Edition
- Linux on IBM Z installables of Tivoli OMEGAMON XE on z/VM and Linux
- Cloud Infrastructure Center

For more information visit the [Fix Central](#) website.

Maintenance for the VM/SES installables of the following components of Infrastructure Suite for z/VM and Linux can be ordered via Shopz:

- Tivoli OMEGAMON XE on z/VM and Linux
- Operations Manager for z/VM
- Backup and Restore Manager for z/VM
- Tape Manager for z/VM

For more information visit the [Shopz](#) website.

IBM System z<sup>(R)</sup> Operational Support Services - SoftwareXcel is an option if you desire added services.

### License Information number

---

The following License Information document applies to the offering in this announcement:

Program identifier	License Information document title	License Information document number
5698-K01	IBM Infrastructure Suite for z/VM and Linux	<a href="#">L-AADS-C7YRU4</a>

Follow-on releases, if any, may have updated terms. See the [License Information documents](#) website for more information.

### 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 technical support

---

#### Standard support

Technical support of a program product version or release will be available for a minimum of three years from the planned availability date, as long as your Software Subscription and Support is in effect.

This technical support allows you to obtain assistance (by telephone or electronic means) from IBM for product-specific, task-oriented questions regarding the installation and operation of the program product. Software Subscription and Support also provides you with access to updates (modifications or fixes), releases, and versions of the program. You will be notified, through an announcement letter, of discontinuance of support with 12 months' notice.

If you require additional technical support from IBM, including an extension of support beyond the discontinuance date, contact your IBM representative or IBM Business Partner. This extension may be available for a fee.

For additional information on the IBM Software Support Lifecycle Policies, see the [Standard and enhanced IBM support lifecycle policies](#) website.

### **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)**

---

No

### **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. During the Software Subscription and Support period, for the unmodified portion of a program, and to the extent problems can be recreated in the specified operating environment, IBM will provide the following:

- Defect correction information, a restriction, or a bypass.
- Program updates: Periodic releases of collections of code corrections, fixes, functional enhancements and new versions and releases to the program and documentation.
- Technical assistance: A reasonable amount of remote assistance by telephone or electronically to address suspected program defects. Technical assistance is available from the IBM support center in the organization's geography.

Additional details regarding Technical Assistance, which includes IBM contact information, are provided in the [IBM Support Guide](#).

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.
- Failures caused by products for which IBM is not responsible under the IBM Agreement for Acquisition of Software Maintenance.

Software Subscription and Support is provided only if the program is within its support timeframe as specified in the Software Support Lifecycle policy for the program.

### **Variable charges apply**

---

No

---

### **Educational allowance available**

15% to qualified educational institution clients.

---

### **On/Off CoD**

To be eligible for On/Off CoD pricing, you must be enabled for temporary capacity on the corresponding hardware, and the required contract, Attachment for IBM System z On/Off Capacity on Demand (Z125-7883) must be signed prior to use.

---

---

## **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.

Financing from IBM Global Financing helps you preserve cash and credit lines, enables more technology acquisition within current budget limits, can help accelerate implementation of economically attractive new technologies, offers payment and term flexibility, and can help match project costs to projected benefits. Financing is available worldwide for credit-qualified clients.

---

---

## **Regional availability**

Australia, Bangladesh, Bhutan, Brunei Darussalam, Cambodia, People's Republic of China, Christmas Island, Cocos (Keeling) Islands, Cook Islands, Fiji, Heard Island and McDonald Islands, Hong Kong, India, Indonesia, Kiribati, Republic of Korea, Lao People's Democratic Republic, Macao, Malaysia, Maldives, Mongolia, Myanmar, Nauru, Nepal, New Zealand, Niue, Norfolk Island, Papua New Guinea, Philippines, Samoa, Singapore, Solomon Islands, Sri Lanka, Taiwan, Thailand, Timor-Leste, Tokelau, Tonga, Tuvalu, and Vietnam

### **Trademarks**

IBM, z/VM, IBM Z, IBM Cloud, Tivoli, OMEGAMON, IBM Spectrum, Power, Passport Advantage, IBM Research, IBM Watson, IBM Security, IBM Cloud Pak, QRadar, Resilient, i2, Guardium, MaaS360, z/VSE and System z 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.

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](#)