

# IBM Security zSecure suite V2.3.1 delivers more support for z/OS Pervasive Encryption, compliance extensions for Security Technical Implementation Guides and GDPR, SIEM improvements, and enhanced reporting on CICS protection under ACF2

## Table of contents

<a href="#">1 Overview</a>	<a href="#">5 Technical information</a>
<a href="#">2 Key prerequisites</a>	<a href="#">5 Ordering information</a>
<a href="#">2 Planned availability date</a>	<a href="#">7 Terms and conditions</a>
<a href="#">2 Description</a>	<a href="#">12 Prices</a>
<a href="#">3 Program number</a>	<a href="#">12 Order now</a>
<a href="#">4 Publications</a>	

## Overview

IBM<sup>(R)</sup> Security zSecure<sup>(TM)</sup> suite for z/OS<sup>(R)</sup> contains products for security administration, auditing and compliance. There are also security solution packages that contain several of the products together.

zSecure Admin provides efficient and effective RACF<sup>(R)</sup> administration. Version 2.3.1 adds visibility to encryption key use for backed-up or migrated data sets and a number of usability enhancements.

zSecure Visual provides a Microsoft<sup>(TM)</sup> Windows<sup>(TM)</sup>-based user interface for RACF administration.

zSecure Administration is a solution package that encompasses these two products.

zSecure CICS<sup>(R)</sup> Toolkit enables RACF administration from a CICS environment.

zSecure Alert provides a near real-time event monitor that can send out alerts in various ways, which includes SIEM solutions, such as QRadar<sup>(R)</sup> SIEM or Micro Focus Security ArcSight. Version 2.3.1 allows sending these events by using TCP/IP.

zSecure Command Verifier helps enforce compliance by preventing erroneous security commands. Version 2.3.1 provides support for new keywords on various commands.

zSecure Audit provides vulnerability analysis for the mainframe infrastructure and enables analyzing and reporting on security events and detecting security exposures. Version 2.3.1 extends support for z/OS Pervasive Encryption features that include:

- Ability to audit Coupling Facility structures
- Encryption key usage
- z Encryption Readiness technology
- Compliance checking enhancements, which includes
  - General Data Protection Regulation (GDPR)
  - Various improvements to ACF2 protection reporting

- Improved near real-time security event feed into QRadar SIEM

zSecure Administration is a solution package that encompasses zSecure Admin and zSecure Visual.

zSecure Audit and Compliance is a solution package that encompasses zSecure Audit, zSecure Alert, and zSecure Command Verifier.

zSecure Audit and Administration is a solution package that encompasses the previous two solution packages.

zSecure Adapters for SIEM provides a subset of the functionality of zSecure Audit for the express purpose of feeding enriched security events into a Security Information and Event Management (SIEM) solution.

All zSecure products support RACF. zSecure Audit and zSecure Alert support CA-ACF2. zSecure Audit supports CA-Top Secret.

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## Key prerequisites

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A supported IBM Z<sup>(R)</sup> server that is capable of supporting IBM z/OS V2.2, or later

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## Planned availability date

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September 14, 2018

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## Description

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Security zSecure suite V2.3.1 delivers:

- Additional support for z/OS Pervasive Encryption:
  - Auditing of Coupling Facility structures
  - Leveraging DFHSM, Db2<sup>(R)</sup>, and zFS support for pervasive encryption
  - Extended status and event auditing for Integrated Cryptographic Service Facility key lifecycle support and z Encryption Readiness Technology
- Improved near real-time security event feed into Security QRadar SIEM:
  - Ability to send events in near real-time without the need for SMF log streams
  - Various new events that include many for pervasive encryption
- Extended support for compliance standards:
  - Ability to audit encryption of data subject to General Data Protection Regulation (GDPR)
  - Extended coverage for DISA-STIG compliance controls
  - Assertion and override capabilities
  - New report type to enable easy checking of Db2 access
  - Extended automatic reporting of multiple resource sensitivities
  - Show UNIX<sup>(R)</sup> file sensitivities
  - Currency for DISA-STIG 6.36
- Enhancements to ACF2 support
  - Enhanced reporting on ACF2 protection of CICS transactions and programs
  - Logonid display shows more password related fields and information from the OMVS, LANGUAGE, and WORKATTR divisions
  - Support for ACF2 installation defined LID fields
  - Automatic mapping of z/OS UNIX UIDs and GIDs to ACF2 logonids and groups

- New report type for access to sensitive ACF2 resources
- Ability to send alerts through TCP, in addition to UDP

## **Accessibility by people with disabilities**

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A US Section 508 Accessibility Compliance Report containing details on accessibility compliance can be found on the [Product accessibility information](#) website.

## **Value Unit-based pricing**

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Value Unit pricing for eligible IBM z Systems<sup>(R)</sup> IBM International Program License Agreement (IPLA) programs enables a lower cost of incremental growth and enterprise aggregation. Each z Systems<sup>(R)</sup> IPLA product with Value Unit pricing has a single price per Value Unit and a conversion matrix, called Value Unit Exhibit, for converting from some designated measurement to Value Units. Most commonly, Millions of Service Units (MSUs) is the measurement designated by IBM to be converted to Value Units. Some other measurements are engines or messages. Since MSUs are the most common measurement, that measurement will be used for the remainder of this description.

Value Unit pricing offers price benefits for you. For each z Systems 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**. Each of the various Value Unit Exhibits stipulate that the larger your required license capacity, the fewer Value Units per MSU you will need. Value Unit Exhibits are uniquely identified by a three digit code and referred to using the nomenclature VUExxx, where xxx is the three digit code.

Subsequent acquisitions of Value Unit priced programs offer additional price benefits. The quantity of each z Systems IPLA program that you have acquired is referred to as **entitled license capacity**. If you wish to grow your entitled license capacity for a z Systems IPLA program, the calculation to determine additional needed Value Units is based upon the number of Value Units already acquired.

For each z Systems IPLA program with Value Unit pricing, you should:

- Determine the required license capacity, in MSUs.
- Aggregate the MSUs across the enterprise.
- Convert the total MSUs to Value Units, using the applicable Value Unit Exhibit.
- Multiply the price per Value Unit by the total number of Value Units to determine the total cost.

To simplify conversion from the designated measurement to Value Units or vice-versa, use the Value Unit Converter Tool. For additional information or to obtain a copy of the Value Unit Converter Tool, visit the Value Unit Converter Tool, go to the [IBM System z<sup>\(R\)</sup> Software Pricing](#) website.

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

To determine the required license capacity for the z Systems IPLA program you selected, see the [Terms and conditions](#) section.

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## **Reference information**

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For more information about IBM Security zSecure, see Software Announcement [217-367](#), dated July 17, 2017.

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## **Program number**

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<b>Program name</b>	<b>VRM</b>	<b>Program number</b>
IBM Security zSecure Admin	2.3.1	5655-N16
IBM Security zSecure Audit	2.3.1	5655-N17
IBM Security zSecure CICS Toolkit	2.3.1	5655-N18
IBM Security zSecure Command Verifier	2.3.1	5655-N19
IBM Security zSecure Visual	2.3.1	5655-N20
IBM Security zSecure Alert	2.3.1	5655-N21
IBM Security zSecure Adapters for SIEM	2.3.1	5655-AD8
IBM Security zSecure Administration	2.3.1	5655-N23
IBM Security zSecure Compliance and Auditing	2.3.1	5655-N24
IBM Security zSecure Compliance and Administration	2.3.1	5655-N25

## Product identification number

### IBM Security zSecure suite

<b>Program PID number</b>	<b>Subscription and Support PID number</b>
5655-N16	5655-T03
5655-N17	5655-T04
5655-N18	5655-T06
5655-N19	5655-T08
5655-N20	5655-T10
5655-N21	5655-T12
5655-AD8	5655-AD9

### IBM Security zSecure Compliance, Auditing, and Administration solutions

<b>Program PID number</b>	<b>Subscription and Support PID number</b>
5655-N23	5655-SE4
5655-N24	5655-SE5
5655-N25	5655-SE6

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## Offering Information

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

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## Publications

Technical documentation can be found in [IBM Knowledge Center](#).

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## Services

### Software Services

IBM Software Services has the breadth, depth, and reach to manage your services needs. You can leverage the deep technical skills of our lab-based, software services team and the business consulting, project management, and infrastructure expertise

of our IBM Global Services team. Also, we extend our IBM Software Services reach through IBM Business Partners to provide an extensive portfolio of capabilities. Together, we provide the global reach, intellectual capital, industry insight, and technology leadership to support a wide range of critical business needs.

To learn more about IBM Software Services, contact your Lab Services Sales or Delivery Leader.

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## Technical information

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### Specified operating environment

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#### **Software requirements**

IBM Security zSecure suite V2.3.1 and IBM Security zSecure Compliance and Administration V2.3.1, IBM Security zSecure Compliance and Auditing V2.3.1, and IBM Security zSecure Administration V2.3.1 solutions are supported in the following environments:

- IBM z/OS V2R2
- IBM z/OS V2R3

zSecure products that include features for CA ACF2 and CA Top Secret support:

- CA ACF2 R16
- CA Top Secret R16

The program's specifications and specified operating environment information may be found in documentation accompanying the program, if available, such as a readme file, or other information published by IBM, such as an announcement letter. Documentation and other program content may be supplied only in the English language.

Such information is provided subject to the following terms. IT system security involves protecting systems and information through prevention, detection, and response to improper access from within and outside your enterprise. Improper access can result in information being altered, destroyed, misappropriated, or misused, or can result in damage to or misuse of your systems, including for use in attacks on others. No IT system or product should be considered completely secure and no single product, service, or security measure can be completely effective in preventing improper use or access. IBM systems, products, and services are designed to be part of a lawful, 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.

### Planning information

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#### **Packaging**

This offering is delivered through the internet as an electronic download. There is no physical media.

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## Ordering information

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Consult your IBM representative.

#### **Value Unit exhibit VUE020**

Level	Minimum	Maximum	Value Units/MSU
Base	1	3	1
Tier A	4	45	0.15
Tier B	46	175	0.08
Tier C	176	315	0.04
Tier D	316	+	0.03

## Charge metric

The charge metrics have not changed from the last release.

Program name	PID	VRM	LI number
IBM Security zSecure Admin	5655-N16	2.3.1	<a href="#">L-MADP-AM6H4X</a>
IBM Security zSecure Audit	5655-N17	2.3.1	<a href="#">L-MADP-AXKEP9</a>
IBM Security zSecure CICS Toolkit	5655-N18	2.3.1	<a href="#">L-MADP-AXKEGK</a>
IBM Security zSecure Command Verifier	5655-N19	2.3.1	<a href="#">L-MADP-AXKETM</a>
IBM Security zSecure Visual	5655-N20	2.3.1	<a href="#">L-MADP-AXKDWZ</a>
IBM Security zSecure Alert	5655-N21	2.3.1	<a href="#">L-MADP-AXKFD2</a>
IBM Security zSecure Administration	5655-N23	2.3.1	<a href="#">L-MADP-AXKDBP</a>
IBM Security zSecure Compliance and Auditing	5655-N24	2.3.1	<a href="#">L-MADP-AXKFFD</a>
IBM Security zSecure Compliance and Administration	5655-N25	2.3.1	<a href="#">L-MADP-AXKFHK</a>
IBM Security zSecure Adapters for SIEM	5655-AD8	2.3.1	<a href="#">L-MADP-LXKFRA</a>

## Basic license

### On/Off CoD

IBM Security zSecure is eligible for On/Off CoD with a temporary use charge calculated that is based on MSUs per-day usage.

### Subscription and Support

To receive voice technical support via telephone and future releases and versions at no additional charge, Subscription and Support must be ordered. The capacity of Subscription and Support (Value Units) must be the same as the capacity ordered for the product licenses.

To order, specify the Subscription and Support program number (PID) referenced above and the appropriate license or charge option.

IBM is also providing Subscription and Support for these products via a separately purchased offering under the terms of the IBM International Agreement for Acquisition of Software Maintenance. This offering:

- Includes and extends the support services provided in the base support to include technical support via telephone.

- Entitles you to future releases and versions, at no additional charge. Note that you are not entitled to new products.

When Subscription and Support is ordered, the charges will automatically renew annually unless cancelled by you.

The combined effect of the IPLA license and the Agreement for Acquisition of Software Maintenance gives you rights and support services comparable to those under the traditional ICA S/390<sup>(R)</sup> and z Systems license or its equivalent. To ensure that you continue to enjoy the level of support you are used to in the ICA business model, you must order **both** the license for the program **and** the support for the selected programs at the same Value Unit quantities.

## **Customized Offerings**

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Product deliverables are shipped only through CBPDO and ServerPac. These customized offerings are offered for internet delivery in countries where Shopz product ordering is available. For more details on Internet delivery, go to the Help section on the [Shopz](#) website.

You choose the delivery method when you order the software. IBM recommends internet delivery. However, if you still require physical media, you can choose DVD.

Many products can be ordered in ServerPac the month following their availability in CBPDO. z/OS can be ordered through CBPDO and ServerPac at general availability. Many products will also be orderable in a Product ServerPac without also having to order the z/OS operating system or subsystem.

Shopz and CFSW will determine the eligibility based on product requisite checking. For more details on the product ServerPac, go to the Help section on the [Shopz](#) website.

Production of software product orders will begin on the planned general availability date.

- CBPDO shipments will begin one week after general availability.
- ServerPac shipments will begin four weeks after general availability.

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## **Terms and conditions**

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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**

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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**

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The IBM Agreement for Acquisition of Software Maintenance (Z125-6011) applies for Software Subscription and Support (Software Maintenance) and does not require client signatures.

These programs are licensed under the IBM Program License Agreement (IPLA) and the associated Agreement for Acquisition of Software Maintenance, which provide for support with ongoing access to releases and versions of the program. 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. IBM z Systems Operational Support Services - SoftwareXcel is an option if you desire added services.

### License Information number

Program name	PID	VRM	LI number
IBM Security zSecure Admin	5655-N16	2.3.1	<a href="#">L-MADP-AM6H4X</a>
IBM Security zSecure Audit	5655-N17	2.3.1	<a href="#">L-MADP-AXKEP9</a>
IBM Security zSecure CICS Toolkit	5655-N18	2.3.1	<a href="#">L-MADP-AXKEGK</a>
IBM Security zSecure Command Verifier	5655-N19	2.3.1	<a href="#">L-MADP-AXKETM</a>
IBM Security zSecure Visual	5655-N20	2.3.1	<a href="#">L-MADP-AXKDWZ</a>
IBM Security zSecure Alert	5655-N21	2.3.1	<a href="#">L-MADP-AXKFD2</a>
IBM Security zSecure Administration	5655-N23	2.3.1	<a href="#">L-MADP-AXKDBP</a>
IBM Security zSecure Compliance and Auditing	5655-N24	2.3.1	<a href="#">L-MADP-AXKFFD</a>
IBM Security zSecure Compliance and Administration	5655-N25	2.3.1	<a href="#">L-MADP-AXKFHK</a>
IBM Security zSecure Adapters for SIEM	5655-AD8	2.3.1	<a href="#">L-MADP-LXXFRA</a>

See the [License Information documents](#) page on the IBM Software License Agreement 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 Software Support Handbook](#).

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

### Program technical support



Technical support of a program product version or release will be available for a minimum of three years from the general availability date, as long as your Software Subscription and Support (also referred to as Software Maintenance) 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 (Software Maintenance) 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 Policy, see the [IBM Software Support Lifecycle Policy](#) website.

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### **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.

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### **Volume orders (IVO)**

No

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### **Passport Advantage applies**

No

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### **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 Software Support Handbook](#),

Software Subscription and Support does not include assistance for:

- The design and development of applications.
- Your use of programs in other than their specified operating environment.
- 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.

For operating system software, the revised IBM Operational Support Services - SoftwareXcel 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.

### **Variable charges apply**

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No

### **Educational allowance available**

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

### **Multi-Version Measurement**

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Multi-Version Measurement (MVM) replaces the previously announced Migration Grace Period time limit of six months and allows unlimited time for clients to run more than one eligible version of a software program. Clients may run multiple versions of a program simultaneously for an unlimited duration during a program version upgrade. Clients may also choose to run multiple versions of a program simultaneously for an unlimited duration in a production environment. MVM does not extend support dates for programs withdrawn from service.

For more information about MVM, including requirements for qualification, see the [MVM](#) web page. For a list of eligible programs, see the [IPLA Execution-Based](#) web page.

### **Sub-capacity terms and conditions**

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For each z Systems 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 z Systems IPLA program you select
- The applicable Value Unit Exhibit
- The applicable terms
- Whether your current mainframes are full capacity or sub-capacity

For more information on the Value Unit Exhibit for the z Systems IPLA program you selected, see the [Ordering information](#) section.

### **Full-capacity mainframes**

In cases where full capacity is applicable, the following terms apply.

Execution-based, z/OS-based, full-machine-based: The required capacity of a z Systems IPLA program with these terms equals the MSU-rated capacity of the machines where the z Systems IPLA program executes.

For more information on mainframe MSU-rated capacities, go to the [IBM System z Software Contracts](#) website.

Reference-based: The required license capacity of a z Systems IPLA program with these terms equals the license capacity of the applicable monthly license charge (MLC) program. This MLC program is called the parent program.

### **Sub-capacity mainframes**

In cases where sub-capacity is applicable, the following terms apply.

Execution-based: The required capacity of a z Systems IPLA sub-capacity program with these terms equals the capacity of the LPARs where the z Systems IPLA program executes.

z/OS-based: The required license capacity of a z Systems IPLA program with these terms equals the license capacity of z/OS on the machines where the z Systems IPLA program executes.

Reference-based: The required license capacity of a z Systems IPLA program with these terms equals the license capacity of the applicable monthly license charge (MLC) program. This MLC program is called the parent program.

Full-machine-based: The required license capacity of a z Systems IPLA program with full machine based terms equals the MSU-rated capacity of the machines where the z Systems IPLA program executes.

For more information on mainframe MSU-rated capacities, see the *The IBM z Systems Machines Exhibit*, (Z125-3901), or visit the Mainframes section of the z Systems Exhibits website.

For additional information for products with reference-based terms, z Systems IPLA sub-capacity programs with reference-based terms adds value to the parent program across the environment, regardless of where in the environment the z Systems IPLA program executes.

An environment is defined as either a single or stand-alone machine or a qualified Parallel Sysplex<sup>(R)</sup>. You may have one or more different environments across the enterprise. To determine the required license capacity for each z Systems IPLA program with referenced-based terms, each environment should be assessed separately.

When a z Systems IPLA sub-capacity program with reference-based terms is used in a qualified Parallel Sysplex environment, the required license capacity of the z Systems IPLA program must equal with the license capacity of the parent program across the Parallel Sysplex. Qualified Parallel Sysplex refers to one where MLC pricing is aggregated across the sysplex.

### **Sub-capacity eligibility**

To be eligible for sub-capacity charging on select z Systems IPLA programs, you must first implement and comply with all terms of either sub-capacity Workload License Charges (WLC) or sub-capacity Entry Workload License Charges (EWLC). To implement sub-capacity WLC or EWLC, a machine must be z Systems (or equivalent). On that machine:

- All instances of the OS/390<sup>(R)</sup> operating system must be migrated to the z/OS operating systems.
- Any licenses for the OS/390 operating system must be discontinued.
- All instances of the z/OS operating systems must be running in z/Architecture<sup>(R)</sup> (64-bit) mode.

For that machine, you must create and submit a Sub-Capacity Report to IBM each month. Sub-Capacity Reports must be generated using the Sub-Capacity Reporting Tool (SCRT). For additional information or to obtain a copy of SCRT, go to the [IBM System z Software Pricing](#) website.

You must comply with all of the terms of the WLC or EWLC offering, whichever is applicable:

- The complete terms and conditions of sub-capacity WLC are defined in the *IBM Customer Agreement - Attachment for z Systems Workload License Charges*, (Z125-6516).
- The complete terms and conditions for sub-capacity EWLC are defined in the *IBM Customer Agreement - Attachment for EWLC, TWLC, zELC, and z/OS.e License Charges*, (Z125-6587).

Additionally, you must sign and comply with the terms and conditions specified in the amendment to the IPLA contract - *Amendment for Amendment for IBM z Systems Programs Sub-Capacity Pricing* (Z125-6929). Once the amendment is signed, the terms in the amendment replace any and all previous z Systems IPLA sub-capacity terms and conditions.

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### **Sub-capacity terms and conditions**

IBM Getting Started Sub-capacity Pricing for z/OS IPLA Software applies.

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### **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 z Systems On/Off Capacity on Demand (Z125-7883) must be signed prior to use.

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## **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.

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## **Prices**

Registered external customers and IBM Business Partners can access [IBMLink](#) to view pricing information.

Specify "Price type," "Search type," and "Search value," then click "Search."

**Note:** Enter program number in the "Search value."

You can also contact your local IBM representative or IBM Business Partner for the applicable charges.

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## **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-CALL (426-2255)

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  
1177 S Belt Line Rd  
Coppell, TX 75019-4642, US

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

**Note:** Shipments will begin after the planned availability date.

### ***Trademarks***

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

IBM, z/OS, CICS, RACF, QRadar, IBM Z, Passport Advantage, System z, Db2, z Systems, IBM z Systems, S/390, Parallel Sysplex, OS/390 and z/Architecture are registered trademarks of IBM Corporation in the United States, other countries, or both.

Microsoft and Windows are trademarks of Microsoft Corporation in the United States, other countries, or both.

UNIX is a registered trademark of The Open Group in the United States 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. 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 United States](#)