



IBM Security zSecure suite V1.13 extends application compliance management and audit reporting capabilities and helps simplify and reduce costs to administer IBM System z security

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At a glance

IBM® Security zSecure suite V1.13 can help you enhance the security of mainframe systems.

- Automates security analysis of IBM CICS® and IBM IMS™ transactions and programs
- Allows you to improve data consolidation using Enrich Access Monitor
- Allows annotating user ID displays with data from external human resource files such as department and employee number
- Provides additional globalization enhancements
- Automates determination of which SAF classes are being used by each active DB2®, CICS, or IMS subsystem
- Allows you to add your own sensitivity classification, audit concern, and priority to data set names and general resources
- Supports currency with z/OS® V1R13, ACF2 R14 and R15, CICS V4R2, and Top Secret R12, R14, and R15
- Extends integration with Communications Server and provides various interface improvements

For ordering, contact Your IBM representative or an IBM Business Partner.
For more information contact the Americas Call Centers at
800-IBM-CALL (426-2255).

Reference: LE001

Overview

IBM Security zSecure suite V1.13 consists of multiple individual components designed to help you administer your mainframe security server, monitor for threats, enforce policy compliance, audit usage and configurations, and assist in compliance management and audit reporting.

IBM Security zSecure Admin, Visual, and CICS Toolkit provide administrative, provisioning, and management components that can significantly reduce administration time, effort, and costs, and help improve productivity and response time, as well as help reduce training time for new administrators.

IBM Security zSecure Audit, Alert, and Command Verifier provide security policy enforcement, audit, monitoring and compliance management components. These offerings help ease the burden of compliance audits, can improve security and incident handling, and can increase overall operational effectiveness.

IBM Security zSecure suite V1.13 enhancements

New Security zSecure suite V1.13 capabilities offer enhancements for DB2, CICS, and IMS application security auditing.

- Automates security analysis of CICS and IMS transactions and programs
- Provides automated determination of which System Authorization Facility (SAF) classes are being used by each active IBM DB2, IBM CICS, or IBM IMS subsystem
- Enhances Access Monitor and allows you to improve data consolidation
- Allows annotating user ID displays with data from external human resource files such as department and employee number
- Adds globalization enhancements
- Allows addition of your own sensitivity classification, audit concern, and priority to data set names and general resources
- Supports currency with z/OS V1R13, ACF2 R14 and R15, CICS V4R2, and Top Secret R12, R14, and R15
- Extends integration with Communications Server and provides various interface improvements

Additional offerings include:

- IBM Tivoli® Compliance Insight Manager Enabler for z/OS
- IBM Tivoli zSecure Manager for RACF® z/VM® V1.11

Key prerequisites

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

Planned availability date

November 11, 2011

Description

The IBM Security zSecure family of products (formerly Tivoli zSecure) provides a user-friendly interface for RACF, with extensive auditing and monitoring capabilities for the enterprise security hub. It can result in more efficient and effective administration and compliance to defined security policies.

Helps free administrators to focus on security

While preventing security breaches is paramount, administrators are frequently bogged down with tedious, time-consuming, day-to-day tasks that divert their attention from security issues. The IBM Security zSecure suite offers a range of products designed to help reduce administration time and enable valuable mainframe resources to focus on improving security quality.

IBM Security zSecure Admin is a leading security software program that enables efficient and effective IBM RACF administration, typically using significantly less resources. By putting a user-friendly layer over your RACF databases, you can quickly enter and process administrative commands, generate custom reports, and clean up databases. By implementing a repeatable process for security

management, Security Secure Admin can help you reduce errors and improve the overall quality of services.

RACF administrators can create a mirrored offline copy of the RACF database that can be used to check and verify configuration changes, without affecting the production database. This ability to test changes and review the results before implementing them can reduce the risks of introducing errors into the production database, through human error, and possible outages of security.

RACF database clean-up function addresses the problem of obsolete authorizations, for example, by removing authorizations that have not been used for a year, which is an administrative issue that is increasingly unacceptable from a compliance, governance, and risk perspective. This pertains to unused permits (user and group authorizations) as well as unused connects (group membership). At the same time, if the authorizations are obsolete, it is likely that the corresponding resources are equally obsolete and should also be cleaned up. Obsolete resources on the system represent a security risk because they could be reused for another purpose, and inappropriate access might be granted by virtue of the obsolete authorizations lingering in the security database.

Removal of unused profiles is also possible but requires a manual review step since there exists reasons for the existence for a profile that the program cannot know. The RACF Cleanup function can be used to reduce the overhead of the processing around yearly authorization reviews demanded by some regulations.

IBM Security Secure Visual can reduce the need for expensive, RACF-trained expertise through a Microsoft® Windows-based GUI for RACF administration. With the ability to establish a secure connection directly with RACF, Security Secure Visual is ideal for decentralizing RACF administration or enabling central security administration from outside Interactive System Productivity Facility/Time Sharing Option (ISPF/TSO).

Tracks security events and helps prevent exposures to compliance requirements

Over the past decade, the number of requirements organizations must comply with has increased dramatically. Keeping up with the demands for audit and controls documentation, while also trying to prevent security breaches, can be overwhelming. Security zSecure suite delivers auditing, monitoring, and compliance management solutions designed to help reduce security exposures.

IBM Security zSecure CICS Toolkit adds mainframe administration capabilities to the CICS environment, such as password resets and authorization management. Its easy-to-use menu enables users to stay within the CICS application, to issue security commands to the mainframe, rather than forcing them into another environment. Your field administrators can quickly issue commands through a user-friendly menu for functions such as password resets for failed user logins and user additions.

If you have an application on your web server that communicates with CICS on your mainframe, your CICS application can use the advanced COBOL API capabilities in Security zSecure CICS Toolkit to execute select RACF security functions. Such functions could be verification of a user ID and password entered on the web interface against the RACF database or retrieval of information about a user ID and its privileges from the RACF database that gets passed on to the web application.

You can easily customize Security zSecure CICS Toolkit screens by using the API, which can be contacted by any CICS program with a standard CICS command area. Use the API to tailor the look of your screens to the requirements of a specific installation and show as little or as much as you want to your decentralized administrators. The API facilitates access checks of more than 2,000 resources, enabling you to easily replace an application's internal security with RACF security and helping to significantly improve the application's performance. Security zSecure CICS Toolkit API can centralize - in the RACF database - the security of (homegrown) applications built for CICS.

IBM Security zSecure Audit delivers a mainframe compliance management and audit solution that enables you to quickly analyze and report on mainframe events, and automatically detect security exposures through extensive status auditing. zSecure Audit provides extended and independent monitoring to track and assess the consistency of security relevant changes to z/OS across systems and the compliance of those changes in comparison to a best practice knowledge base.

Unlike offerings that only report on a copy of a database, Security zSecure Audit allows you to access live security data on mainframes running IBM z/OS with RACF, ACF2, or Top Secret delivering audit accuracy. Analyzing the active z/OS system control blocks can help you quickly identify possible issues that could have a negative effect on the stability of security.

After auditing and analyzing the z/OS operating system, Security zSecure Audit prioritizes and highlights security concerns. It provides displays to view definitions, tables, exits, and other vital z/OS information and identifies problems or potential problems. Issues are ranked by audit priority, with a number indicating the relative impact of a problem.

Security zSecure Audit can also provide extensive audit and analysis capabilities beyond z/OS systems, including the ability to audit UNIX® security definitions on the mainframe and automatically find problems within the security definitions in the UNIX subsystem. In addition, Security zSecure Audit provides audit support for Linux® on System z®, IBM DB2 security events, IBM CICS and IBM IMS security audit events, and audit security events from IBM Security Key Lifecycle Manager, WebSphere® Application Server, IBM Tivoli OMEGAMON® XE on z/OS, Hierarchical Storage Manager, IBM Communication Server network configuration for TCP/IP, and partition dataset extended (PDSE) member level auditing.

Extended monitoring and alerting of security events from IBM Security Key Lifecycle Manager, IBM Tivoli OMEGAMON XE on z/OS (V4R1 and V4R2), IBM DFSMS™ Removable Media Manager (DFSMSrmm™), and IBM WebSphere Application Server V7 assist in providing an improved view of the overall security within the mainframe environment. The technology lets you create standard and customized reports that can be generated in Extensible Markup Language (XML) format and used in databases and reporting tools.

Security zSecure Audit also lets you send Simple Network Management Protocol (SNMP) messages to an enterprise management console for policy exceptions or violations that indicate a security breach or weakness. This capability is provided for RACF, CA Top Secret, and CA ACF2 environments.

IBM Security zSecure Alert offers a real-time mainframe threat monitoring solution that allows you monitor intruders and identify misconfigurations that could hamper your compliance efforts. It goes beyond conventional intrusion detection solutions to support intrusion prevention by taking countermeasures via automatically generated commands.

In addition, Security zSecure Alert enables you to quickly determine unauthorized logons and attempts, user behavior that violates security policy, and when your core systems are at risk. With this information readily in hand, you can help identify misconfigurations before they can be exploited. This capability is provided for RACF and CA ACF2 environments.

IBM Security zSecure Command Verifier is a robust policy enforcement solution that can help enforce mainframe compliance to company policies by preventing erroneous commands. As a result, it helps increase control and decrease security risks and cleanup costs. Running in the background, Security zSecure Command Verifier verifies RACF commands against your company's policies and procedures. When commands are entered, it verifies whether the commands comply with security policies and blocks or, optionally, adjusts the ones that do not comply.

IBM Tivoli Compliance Insight Manager Enabler for z/OS provides a link from zSecure Audit to the Tivoli Security Information and Event Manager tool so that the mainframe audit information is included in the enterprise dashboard view.

To address currency with the latest releases of z/OS and RACF, Security zSecure suite includes support for new RACF capabilities. Security zSecure Admin, Audit, and Command Verifier support administration of, reporting on, and use of RACF commands and keywords.

Bringing it all together

IBM Security zSecure suite is a valuable part of managing mainframe security as a process that helps meet the needs of auditors and the business itself. These offerings are the result of a long-term commitment to innovation on the mainframe and to enabling you to improve and simplify mainframe security audit and administration. Through a broad range of offerings, Security zSecure suite helps you address your key mainframe challenges, such as:

- Audit and compliance management
 - Report on questionable system configuration options and dangerous settings of privileged users.
 - Integrate with Linux on System z, IBM DB2, IBM CICS, IBM IMS, IBM Tivoli Key Lifecycle Manager, IBM WebSphere Application Server V7, and IBM Tivoli OMEGAMON XE on z/OS for security audit monitoring and reporting.
 - Measure and verify the effectiveness of mainframe security and security policies.
- User and security administration
 - Include centralized and decentralized management and provision of users, profiles, and resources.
 - Constantly monitor crucial users and data for misuse.
- Include security risk detection and avoidance:
 - Can reduce operational costs and achieve faster incident detection.
 - Generate alerts with instant reports about RACF, IBM System Management Facilities (SMF), IBM z/OS, IBM DB2, IBM CICS, and the UNIX subsystem.

Additional offerings:

- IBM Tivoli Compliance Insight Manager Enabler for z/OS
IBM Security zSecure suite allows you to submit mainframe security information into an enterprise audit and compliance management solution, through the seamless integration with Tivoli Security Information and Event Manager. Combining mainframe data with that from other operating systems, applications, and databases, Tivoli Security Information and Event Manager provides the ability to capture log data, interpret that data through sophisticated log analysis and communicate results in an efficient, streamlined manner for full enterprise-wide audit and compliance reporting. Tivoli Compliance Insight Manager Enabler for z/OS provides the event source Connection to supply the mainframe information into the enterprise tool.
- IBM Tivoli zSecure Manager for RACF z/VM V1.11
IBM Tivoli zSecure Manager for RACF z/VM provides administrators with tools to help unleash the potential of your mainframe system, enabling efficient and effective RACF administration and auditing of the z/VM environment including Linux on System z, while helping use fewer resources. By automating many recurring auditing and system administration functions, IBM Tivoli zSecure Manager for RACF z/VM can help you maximize IT resources, reduce errors, improve quality of services, and demonstrate compliance.

Accessibility by people with disabilities

A U.S. Section 508 Voluntary Product Accessibility Template (VPAT) containing details on accessibility compliance can be requested at

http://www.ibm.com/able/product_accessibility/index.html

Business Partner information

If you are a Direct Reseller - System Reseller acquiring products from IBM, you may link directly to Business Partner information for this announcement. A PartnerWorld® ID and password are required (use IBM ID).

<https://www.ibm.com/partnerworld/mem/sla.jsp?num=211-432>

Product positioning

IBM Security zSecure suite with IBM Tivoli Security Information and Event Manager

Security zSecure suite leverages the capabilities of Tivoli Security Information and Event Manager to enable inclusion of mainframe reporting on RACF, IBM CICS, IBM DB2, CA ACF2, and CA Top Secret into Tivoli Security Information and Event Manager enterprise-wide compliance dashboard and reporting, so that users can view the status of their enterprise security hub along with the rest of their environment. For more details on Tivoli Security Information and Event Manager, refer to Software Announcement [210-068](#), dated February 23, 2010.

IBM Security zSecure Alert with IBM Tivoli Security Information and Event Manager

Tivoli Security Information and Event Manager and Security zSecure Alert are companion products that deliver a comprehensive view of the mainframe threats and incidents. Tivoli Security Information and Event Manager manages security operations effectively and efficiently with centralized security event correlation, prioritization, investigation, and response.

IBM Security zSecure with RACF

Your investment in RACF may be enhanced with the addition of Security zSecure suite, which provides integrated security audit and compliance management and administration for z/OS and RACF.

Mainframe auditing - For data center auditors, security managers, system programmers, and IT managers who need to monitor mainframe events and incidents, help reduce security vulnerability, and help enforce security policy compliance and generate audit reports, Security zSecure suite offers a mainframe audit solution that provides analysis and reporting of mainframe events and automatic detection of exposures through extensive status auditing.

Mainframe security administration - For RACF administrators and IT managers who need to simplify and automate routine administrative tasks and decentralize administration control, Security zSecure suite offers a mainframe administration suite that enables efficient and effective RACF administration typically using less resources, and providing richer functionality and helping address compliance initiatives. And by implementing a repeatable process for security management, Security zSecure suite can help you reduce errors and improve the overall quality of services.

Program number

Program number	VRM	Program name
5655-T01	1.13	IBM Security zSecure Admin
5655-T02	1.13	IBM Security zSecure Audit
5655-T05	1.13	IBM Security zSecure CICS Toolkit
5655-T07	1.13	IBM Security zSecure Command Verifier
5655-T09	1.13	IBM Security zSecure Visual
5655-T11	1.13	IBM Security zSecure Alert
5655-T15	1.13	IBM Tivoli Compliance Insight Manager Enabler

Product identification number

Program PID number	Subscription and Support PID number
5655-T01	5655-T03
5655-T02	5655-T04
5655-T05	5655-T06
5655-T07	5655-T08
5655-T09	5655-T10
5655-T11	5655-T12
5655-T15	5655-T16

Education support

Comprehensive education for IBM Tivoli products is offered through Worldwide Tivoli Education Delivery Services. A wide range of training options are available, including classes led by instructors, learning on demand, on-site training, and blended learning solutions.

For additional information, visit

<http://www-306.ibm.com/software/tivoli/education/>

Offering Information

Product information is available via the Offering Information website

<http://www.ibm.com/common/ssi>

Publications

No hardcopy publications are shipped with these products.

Unlicensed publications

Unlicensed publications are available on the Security zSecure Documentation CD provided with the products, with the exception of the Security zSecure Quick Reference and the Security zSecure Release Information. These publications are available only from the Security zSecure Information Center website at general availability.

Table 1 lists the unlicensed Security zSecure suite V1.13 publications, which are available in English. These publications can be viewed and downloaded from the Security zSecure Information Center website at general availability.

National language unlicensed publications will be available from the Security zSecure Information Center website 30 days after general availability.

Security zSecure Information Center website

http://publib.boulder.ibm.com/infocenter/tivihelp/v2r1/index.jsp?topic=/com.ibm.zsecure.doc_1.13/welcome.html

Table 1: English unlicensed publications

Title	Order number
IBM Security zSecure	
Audit for ACF2 Getting Started	GI11-9163-00
Admin and Audit for RACF Getting Started	GI11-9162-00

Alert User Reference Manual	SC14-7666-00
Visual Client Manual	SC14-7669-00
CICS Toolkit User Guide	SC14-7671-00
Command Verifier User Guide	SC14-7670-00
CARLa-Driven Components Installation and Deployment Guide	SC14-7662-00
Messages Guide	SC14-7667-00
Quick Reference	SC14-7668-00

Licensed publications

Table 2 lists the Security zSecure suite V1.13 licensed publications, which are available in English. These publications are only available to licensed users and are included on the Security zSecure Documentation CD provided with your product order.

To obtain an electronic copy of a licensed publication, send an email requesting the publication to tivzos@us.ibm.com. Include your IBM customer number, form number for each publication, and contact information. You will be contacted with further instructions for fulfilling your order.

For an additional charge, you can order a manufactured documentation CD from the IBM Publications Center. For ordering instructions, go to the Security zSecure Information Center website at

http://publib.boulder.ibm.com/infocenter/tivihelp/v2r1/index.jsp?topic=/com.ibm.zsecure.doc_1.13/welcome.html

Click the link entitled Obtaining a licensed publication.

National language versions of the licensed documentation are available on an updated version of the Security zSecure Documentation CD after general availability.

Table 2: English Licensed publications

Title	Order number
IBM Security zSecure	
Admin and Audit for RACF User Reference Manual	LC14-7663-00
Audit for ACF2 User Reference Manual	LC14-7664-00
Audit for Top Secret User Reference Manual	LC14-7665-00
IBM Security zSecure Suite Documentation CD	LCD7-1387-09

IBM Publications Center

<http://www.ibm.com/shop/publications/order>

The Publications Center is a worldwide central repository for IBM product publications and marketing material with a catalog of 70,000 items. Extensive search facilities are provided. Payment options for orders are by credit card (in the U.S.) or customer number for 20 countries. A large number of publications are available online in various file formats, and they can all be downloaded by all countries, free of charge.

Technical information

Specified operating environment

Hardware requirements

Minimum and recommended processor, disk space, and memory requirements for Security zSecure suite V1.13:

	Minimum	Recommended
Processor	Z800	IBM System z9® or z10™ Enterprise Class (EC)

or z9™ or z10 Business Class (BC)

Disk space	300 MB	450 MB
Memory	1 GB	2 GB

Software requirements

IBM Security zSecure suite V1.13 is supported in the following environments:

- z/OS V1R11
- z/OS V1R12
- z/OS V1R13

Security zSecure products that include features for CA ACF2 and CA Top Secret support CA ACF2 R12, R14, and R15 and CA Top Secret R12, R14, and R15.

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.

Planning information

Packaging

Security zSecure suite products are distributed with:

- International Program License Agreement (Z125-3301)
- License Information document
- Tape
- Publications (refer to the [Publications](#) section)

Security, auditability, and control

IBM Security zSecure suite V1.13 uses the security and auditability features of the operating system software. The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities.

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 or to contact a Software Services sales specialist, visit

<http://www.ibm.com/software/sw-services/>

Licensing metric definitions and pricing examples

Licensing metric definitions

Millions of Service Units (MSUs)

An MSU is defined as millions of Central Processing Unit (CPU) service units per hour; the measure of capacity used to describe the computing power of the hardware processors on which S/390® or System z software runs. Processor MSU values are determined by the hardware vendor, IBM, or Software Compatible Vendors (SCVs).

For more detailed information about System z software pricing, visit

<https://www-03.ibm.com/systems/z/resources/swprice/zipla/index.html>

Value Units

A Value Unit (VU) is the metric by which this software's license entitlements are obtained. Value Unit entitlements are based on the quantity of a specific designated measurement, for example MSUs, users, engines, tape drives, for the given software. The appropriate number of entitlements must be obtained for the appropriate number of Value Units required for your environment as defined by the specific software terms. The Value Unit entitlements are specific to the software and may not be exchanged, interchanged, or aggregated with Value Unit entitlements of another software program.

System z software pricing examples (MSU based)

The following pricing example should be used to determine required license entitlements for the following software products for System z.

Consider a System z server with 1,000 MSUs

All products for this example employ Value Unit slope Value Unit Exhibit 020 (VUE020). Translation from MSUs to Value Units:

VUE020

	MSUs	value units/MSU
Base	1-3	1.00
Tier A	4-45	.15
Tier B	46-175	.08
Tier C	176-315	.04
Tier D	316+	.03

If the customer has installed 1,000 MSUs, the applicable number of Value Units will be:

Level	MSUs	Value Units/MSU	value Units
Base	3	1.00	3.00
Tier A	42	0.15	6.30
Tier B	130	0.08	10.40
Tier C	140	0.04	5.60
Tier D	685	0.03	20.55
Total	1,000		45.85

When calculating the total number of Value Units, the sum is rounded up to the next integer. In this example, the customer will need to license 46 Value Units.

Note: IBM RACF for z/OS (a separate IBM MLC offering) or a comparable competitive offering (CA ACF2 or CA Top Secret) is a prerequisite for IBM Security zSecure suite. For more information on RACF, refer to

<http://www.ibm.com/racf>

Scenario 1 - MSU-based pricing

Transaction 1

Enterprise ABC initially wants to work with the following system configuration.

On one System z server with 1,000 MSUs and they want to run IBM Security zSecure Audit and IBM Security zSecure Alert. The same MSU to Value Unit conversion calculation applies to both Security zSecure Audit and Security zSecure Alert components:

Level	MSUs	Value Units/MSU	Value Units
Base	3	1.00	3.00
Tier A	42	0.15	6.30
Tier B	130	0.08	10.40
Tier C	140	0.04	5.60
Tier D	685	0.03	20.55
Total	1,000		45.85

The customer must purchase 46 Value Units for Security zSecure Audit and 46 Value Units for Security zSecure Alert.

Transaction 2

After the initial purchase, enterprise ABC wants to expand their use of IBM Security zSecure suite to include IBM Security zSecure Command Verifier, IBM Security zSecure Admin, and IBM Security zSecure Visual, along with IBM Tivoli Compliance Insight Manager Enabler for z/OS. Tivoli Compliance Insight Manager Enabler for z/OS can be ordered with Security zSecure suite at no charge. In addition, entitlements for IBM Tivoli Security Information and Event Manager and z/OS event sources must be purchased through distributed pricing structures.

The same calculation to convert MSUs to Value Units applies to each of above mentioned components: Security zSecure Command Verifier, Security zSecure Admin, Security zSecure Visual, and Tivoli Compliance Insight Manager Enabler for z/OS.

Level	MSUs	Value Units/MSU	Value Units
Base	3	1.00	3.00
Tier A	42	0.15	6.30
Tier B	130	0.08	10.40
Tier C	140	0.04	5.60
Tier D	685	0.03	20.55
Total	1,000		45.85

The customer must purchase 46 Value Units for each of Command Verifier, Admin, Visual, and Tivoli Compliance Insight Manager Enabler for z/OS. (Tivoli Compliance Insight Manager Enabler for z/OS is no charge, but the customer must purchase at \$0 price and hold entitlements.)

Ordering information

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

Program number	Program name	Value Unit exhibit
5655-T01	IBM Security zSecure Admin	VUE020
5655-T02	IBM Security zSecure Audit	VUE020
5655-T05	IBM Security zSecure CICS Toolkit	VUE020
5655-T07	IBM Security zSecure Command Verifier	VUE020
5655-T09	IBM Security zSecure Visual	VUE020
5655-T11	IBM Security zSecure Alert	VUE020
5655-T15	IBM Tivoli Compliance Insight Manager Enabler for z/OS	VUE020

For each System 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 System 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 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

Value Units for mainframes without MSU ratings:

HW	Value Units/machine
MP3000 H30	3
MP3000 H50	4
MP3000 H70	6
ESL Models	1

Ordering z/OS through the Internet

ShopzSeries provides an easy way to plan and order your z/OS ServerPac or CBPDO. It will analyze your current installation, determine the correct product migration, and present your new configuration based on z/OS. Additional products can also be added to your order (including determination of whether all product requisites are satisfied). ShopzSeries is available in the US and several countries in Europe. In countries where ShopzSeries is not available yet, contact your IBM representative (or IBM Business Partner) to handle your order via the traditional IBM ordering process. For more details and availability, visit the ShopzSeries website at

<http://www14.software.ibm.com/webapp/ShopzSeries/ShopzSeries.jsp>

Current licensees

Current licensees, with support in effect, will receive instructions on how to order this update.

Current licensees of Security zSecure suite V1.13 can order the new distribution medium via MES by specifying the desired distribution medium feature number.

New licensees

Orders for new licenses will be accepted now.

Shipment will begin on the planned availability date.

Basic license

This table should be used for all Security zSecure PIDs

VUE020	MSUs	Value Units/MSU
Base	1-3	1.00
Tier A	4-45	0.15
Tier B	46-175	0.08
Tier C	176-315	0.04
Tier D	316+	0.03

To order, specify the program product number and the appropriate license or charge option. Also, specify the desired distribution medium. To suppress shipment of media, select the license-only option in CFSW.

Ordering information for Value Unit pricing - 5655-T01

Program name: IBM Security zSecure Admin V1.13
Program PID: 5655-T01

Entitlement identifier	Description	License option/ Pricing metric
S01471B	zSecure Admin	Basic OTC, per Value Unit

Orderable supply ID	Language	Distribution medium
S0166BV	Multilingual	3590 tape cartridge

Subscription and Support PID: 5655-T03

Entitlement identifier	Description	License option/ Pricing metric
S01471M	zSecure Admin S&S	Basic ASC, per Value Unit SW S&S no charge, decline SW S&S per MSU SW S&S registration

Orderable supply ID	Language	Distribution medium
- S015T26	Multilingual	Hardcopy publication

Ordering information for On/Off Capacity on Demand (On/Off CoD)

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

Program name: IBM Security zSecure Admin V1.13
Program PID: 5655-T01

Entitlement identifier	Description	License option/ Pricing metric
S01471B	zSecure Admin	Basic OTC, per MSU-day TUC

Ordering information for Value Unit Pricing - 5655-T02

Program name: IBM Security zSecure Audit V1.13
Program PID: 5655-T02

Entitlement identifier	Description	License option/ Pricing metric
S01471C	ACF2	Basic OTC, per Value Unit
S01471D	ACF2	Basic OTC, per Value Unit
S01471F	Top Secret	Basic OTC, per Value Unit

Orderable supply ID	Language/Description	Distribution medium
S0166BZ	Multilingual RACF	3590 tape cartridge
S0166BX	Multilingual ACF2	
S0166BW	Multilingual Top Secret	

Subscription and Support PID: 5655-T04

Entitlement identifier	Description	License option/ Pricing metric
S01471N	RACF S&S	Basic ASC, per Value Unit SW S&S no charge, decline SW S&S per MSU SW S&S registration
S01471P	ACF2 S&S	Basic ASC, per Value Unit SW S&S no charge, decline SW S&S per MSU SW S&S registration
S01471R	Top Secret S&S	Basic ASC, per Value Unit SW S&S no charge, decline SW S&S per MSU SW S&S registration

Orderable supply ID	Language/Description	Distribution medium
S015TT2	Multilingual RACF	Hardcopy publication
S015TT3	Multilingual ACF2	
S015TT4	Multilingual Top Secret	

Ordering information for On/Off Capacity on Demand (On/Off CoD)

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

Program name: IBM Security zSecure Audit v1.13
Program PID: 5655-T02

Entitlement identifier	Description	License option/ Pricing metric
S01471C	RACF	Basic OTC, per MSU-day TUC
S01471D	ACF2	Basic OTC, per MSU-day TUC
S01471F	Top Secret	Basic OTC, per MSU-day TUC

Ordering information for Value Unit pricing - 5655-T05

Program name: IBM Security zSecure CICS Toolkit v1.13
Program PID: 5655-T05

Entitlement identifier	Description	License option/ Pricing metric
S01471S	zSecure CICS Toolkit	Basic OTC, per Value Unit

Orderable supply ID	Language/Description	Distribution medium
S0166C0	Multilingual	3590 tape cartridge

Subscription and Support PID: 5655-T06

Entitlement identifier	Description	License option/ Pricing metric
S01472T	zSecure CICS Toolkit S&S	Basic ASC, per Value Unit SW S&S no charge, decline SW S&S per MSU SW S&S registration

Orderable supply ID	Language/Description	Distribution medium
S015TP6	Multilingual	Hardcopy publication

Ordering information for On/Off Capacity on Demand (On/Off COD)

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

Program name: IBM Security zSecure CICS Toolkit V1.13
Program PID: 5655-T05

Entitlement identifier	Description	License option/ Pricing metric
S01471S	zSecure CICS Toolkit	Basic OTC, per MSU-day TUC

Ordering information for Value Unit pricing - 5655-T07

Program name: IBM Security zSecure Command Verifier V1.13
Program PID: 5655-T07

Entitlement identifier	Description	License option/ Pricing metric
S01471T	zSecure Command Verifier	Basic OTC, per Value Unit

Orderable supply ID	Language	Distribution medium
S0166C1	Multilingual	3590 tape cartridge

Subscription and Support PID: 5655-T08

Entitlement identifier	Description	License option/ Pricing metric
S01471V	zSecure Command Verifier S&S	Basic ASC, per Value Unit SW S&S no charge, decline SW S&S per MSU SW S&S registration

Orderable supply ID	Language	Distribution medium
S015TPD	Multilingual	Hardcopy publication

Ordering information for On/Off Capacity on Demand (On/Off CoD)

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

Program name: IBM Security zSecure Command Verifier V1.13
Program PID: 5655-T07

Entitlement identifier	Description	License option/ Pricing metric
S01471T	zSecure Command Verifier	Basic OTC, per MSU-day TUC

Ordering information for Value Unit pricing - 5655-T09

Program name: IBM Security zSecure Visual V1.13
Program PID: 5655-T09

Entitlement identifier	Description	License option/ Pricing metric
S01471X	zSecure Visual	Basic OTC, per Value Unit

Orderable supply ID	Language	Distribution medium
S0166C2	Multilingual	3590 tape cartridge

Subscription and Support PID: 5655-T10

Entitlement identifier	Description	License option/ Pricing metric
S014721	zSecure Visual S&S	Basic ASC, per Value Unit SW S&S no charge, decline SW S&S per MSU SW S&S registration

Orderable supply ID	Language	Distribution medium
S015TPX	Multilingual	Hardcopy publication

Ordering information for On/Off Capacity on Demand (On/Off CoD)

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

Program name: IBM Security zSecure Visual V1.13
Program PID: 5655-T09

Entitlement identifier	Description	License option/ Pricing metric
S01471X	zSecure Visual	Basic OTC, per MSU-day TUC

Ordering information for Value Unit pricing - 5655-T11

Program name: IBM Security zSecure Alert V1.13
Program PID: 5655-T11

Entitlement identifier	Description	License option/ Pricing metric
S014725	RACF	Basic OTC, per Value Unit
S014728	ACF2	Basic OTC, per Value Unit

Orderable supply ID	Language/Description	Distribution medium
S0168RT	Multilingual RACF	3590 tape cartridge
S0168RV	Multilingual ACF2	

Subscription and Support PID: 5655-T12

Entitlement identifier	Description	License option/ Pricing metric
S014733	RACF S&S	Basic ASC, per Value Unit SW S&S no charge, decline SW S&S per MSU SW S&S registration
S014736	ACF2 S&S	Basic ASC, per Value Unit SW S&S no charge, decline SW S&S per MSU SW S&S registration

Orderable supply ID	Language/Description	Distribution medium
S015TPZ	Multilingual RACF	Hardcopy publication
S015TR0	Multilingual ACF2	

Ordering information for On/Off Capacity on Demand (On/Off CoD)

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

Program name: IBM Security zSecure Alert V1.13
Program PID: 5655-T11

Entitlement identifier	Description	License option/ Pricing metric
-		
S014725	RACF	Basic OTC, per MSU-day TUC
S014728	ACF2	Basic OTC, per MSU-day TUC

Ordering information for Value Unit pricing - 5655-T15

Program name: IBM Tivoli Compliance Insight Manager Enabler for z/OS V1.11

Program PID: 5655-T15

Entitlement identifier	Description	License option/ Pricing metric
S01473W	RACF	Basic OTC, per Value Unit
S014748	ACF2	Basic OTC, per Value Unit
S014749	Top Secret	Basic OTC, per Value Unit
S01474K	DB2	Basic OTC, per Value Unit
S015TNJ	CICS	Basic OTC, per Value Unit

Orderable supply ID	Language/Description	Distribution medium
S0166C7	Multilingual RACF	3590 tape cartridge
S0166C4	Multilingual ACF2	
S0166C5	Multilingual Top Secret	
S0166C6	Multilingual DB2	
S0166C8	Multilingual CICS	

Subscription and Support PID: 5655-T16

Entitlement identifier	Description	License option/ Pricing metric
S01473K	RACF S&S	Basic ASC, per Value Unit SW S&S no charge, decline SW S&S
S01474B	ACF2 S&S	Basic ASC, per Value Unit SW S&S no charge, decline SW S&S
S01474C	Top Secret S&S	Basic ASC, per Value Unit SW S&S no charge, decline SW S&S
S01474W	DB2 S&S	Basic ASC, per Value Unit SW S&S no charge, decline SW S&S
S015TNK	CICS S&S	Basic ASC, per Value Unit SW S&S no charge, decline SW S&S

Orderable supply ID	Language/Description	Distribution medium
S015TNS	Multilingual RACF	Hardcopy publication
S015TNR	Multilingual ACF2	
S015TNP	Multilingual Top Secret	
S015TNN	Multilingual DB2	
S015TNM	Multilingual CICS	

Subscription and Support

Subscription and Support must be ordered to receive voice technical support via telephone during normal business hours, and future releases and versions, at no additional charge. The capacity of Subscription and Support (for example, Value Units or number of processors) must be the same as the capacity ordered for the product licenses.

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- Entitles customers to future releases and versions, at no additional charge. Note that the customer is not entitled to new products.

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

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Product deliverables are shipped only via CBPDO, ServerPac, SystemPac®.

CBPDO and ServerPac are offered for Internet delivery in countries where ShopzSeries product ordering is available. Internet delivery reduces software delivery time and allows you to install software without the need to handle tapes. For more details on Internet delivery, refer to the ShopzSeries help information at

<http://www.software.ibm.com/ShopzSeries>

You choose the delivery method when you order the software. IBM recommends Internet delivery. In addition to Internet and DVD, the supported tape delivery options for CBPDO, ServerPac, and SystemPac, include:

- 3590
- 3592

Most products can be ordered in ServerPac and SystemPac the month following their availability on CBPDO. z/OS can be ordered via all three offerings at general availability. 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 two weeks after general availability
- SystemPac shipments will begin four weeks after general availability due to additional customization, and data input verification.

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® Agreement, and the IBM Agreement for Acquisition of Software Maintenance.

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IBM System z Operational Support Services - SoftwareXcel is an option if you desire added services.

License Information form number

Product	LI form number
IBM Security zSecure Admin V1.13	GC23-7976-05
IBM Security zSecure Audit V1.13	GC23-7977-04
IBM Security zSecure CICS Toolkit V1.13	GC23-7981-03
IBM Security zSecure Command Verifier V1.13	GC23-7982-04
IBM Security zSecure Visual V1.13	GC23-7979-04
IBM Security zSecure Alert V1.13	GC23-7978-04
IBM Tivoli Compliance Insight Manager Enabler for z/OS V1.13	GC23-7980-04

The program's License Information will be available for review on the IBM Software License Agreement website

<http://www.ibm.com/software/sla/sladb.nsf>

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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Enhanced support, called 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.

Other terms

Volume orders (IVO)

No

IBM International Passport Advantage Agreement

Passport Advantage applies

No

Usage restriction

Yes. Usage is limited to the quantity of Value Units licensed.

For additional information, refer to the License Information document that is available on the IBM Software License Agreement website

<http://www.ibm.com/software/sla/sladb.nsf>

Software Subscription and Support applies

No. 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, visit

<http://www.ibm.com/services/sl/products>

IBM Operational Support Services - SoftwareXcel

Yes

System i Software Maintenance applies

No

Variable charges apply

Yes

Educational allowance available

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

Sub-capacity utilization determination

Sub-capacity utilization is determined based on the utilization of an eligible operating system and machine (for example, z/OS running in z/Architecture® (64 bit) mode on a System z ((or equivalent) server).

Sub-capacity utilization is determined based on the product's own execution as reported to IBM in accordance with the requirements for reporting sub-capacity utilization for products.

On/Off Capacity on Demand (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.

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IBM has transformed its delivery of hardware and software support services to help you achieve higher system availability. Electronic Services is a web-enabled solution that offers an exclusive, no-additional-charge enhancement to the service and support available for IBM servers. These services are designed to provide the opportunity for greater system availability with faster problem resolution and preemptive monitoring. Electronic Services comprises two separate, but complementary, elements: Electronic Services news page and Electronic Services Agent.

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