

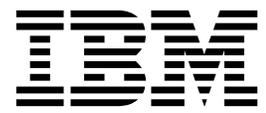
zSecure Suite
Version 2.1.1

Release Information

IBM

zSecure Suite
Version 2.1.1

Release Information



Note

Before using this information and the product it supports, read the information in "Notices" on page 9.

September 2014

This edition applies to version 2, release 1, modification 1 of IBM Security zSecure products and to all subsequent releases and modifications until otherwise indicated in new editions.

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Chapter 1. What's new

IBM® Security zSecure™ can help your company comply with industry regulations, enhance security intelligence, reduce cost, and protect your enterprise while supporting new cloud, mobile and big data applications. The family of IBM Security zSecure solutions can help you create the ultimate security platform, safeguard enterprise compliance and remain vigilant against threats.

IBM Security zSecure V2.1.1 suite features:

- **Compliance, auditing, and monitoring:**
 - The Compliance Testing Framework for automation of external standards has been extended with new features:
 - Default audit priorities added, plus SITE_SEVERITY statement.
 - New report fields for compliance reports.
 - New report types COMPLIANCE_OBJECT_TYPE and COMPLIANCE_RULE_SET to summarize overall results.
 - Coverage for the Defense Information Systems Agency (DISA) Security Technical Implementation Guide (STIG) (DISA-STIG) and the Payment Card Industry - Data Security Standard (PCI-DSS) was extended for z/OS RACF and ACF2 to increase automation.
 - Added STIGplus (commercial version of STIG with additional subsystem alternatives).
 - New report types AS and AS_DD to report on address spaces and allocated DD-names, and new SYSTEM fields to report on available subsystems.
 - New report type UNIX_PS to report on UNIX processes.
 - New report type REPORT_PROGRAM to report on additional programs beyond REPORT_AC1.
 - Extensions to started task reporting to identify the procedure library member used to start them.
 - Annotations of covering security profile information to SENSDDSN.
 - New sensitivities and privileges added to TRUSTED vulnerability and RESOURCE.
 - Various properties added to ID.
 - New alerts and configurations for zSecure Alert.
 - New policies in zSecure Command Verifier.
- **Integrated mainframe security intelligence with:**
 - MQ resource collection and reporting:
 - MQ region reports
 - MQ channel reports
 - MQ connection reports
 - MQ initiator reports
 - MQ namelist reports
 - MQ process reports
 - MQ queue reports
 - MQ topic reports
 - DB2 objects: complete SAF protected object set now covered. The following reports were added:

- DB2[®] buffer pools
- DB2 collections
- DB2 global variables
- DB2 schemas
- DB2 user data types
- DB2 objects: access control list analysis for ACF2.
- IBM InfoSphere[®] Guardium[®] Vulnerability Assessment: pass SAF protected object set to Guardium, including new object type for DB2 11. The Guardium integration encompasses both DB2 internal security and security through SAF for RACF and ACF2.
- New product: zSecure Adapters for QRadar SIEM (5655-AD8) offers a LEEF integration that is equivalent to the existing one, at a lower price point, for clients that do not require the full power of the zSecure Audit product.
- **CICS[®] 5.2 currency**
- **Troubleshooting: CKRCARLA - extra diagnostics**
 - Extra keywords on SHOW statement:
 - CKFIN**
Input parameters to CKFCOLL that determine collected data.
 - CKFMSG**
Error and warning messages issued by CKFCOLL during creation of the CKFREEZE snapshot data set.
 - Error if incomplete CKFREEZE; see Messages CKR2225 and CKR2226.
 - Amount of information collected for data sets for various types of queries:
 - SUPPRESS_VSAM_SHORTCUT**
Disables common assumptions about VSAM clusters.
 - DEBUG VSAMPROF**
Shows information about VSAM Cluster that is used to determine correct RACF[®] profile.
 - DEBUG TAPEPROF**
Shows information about TAPE data sets that is used to determine correct RACF profile.
- **Usability enhancements:**
 - Access Monitor extensions
 - WebISPF fixes
 - New CARLa report types and fields
 - zSecure Alert PCI-DSS configuration
 - Monitoring Tivoli[®] Workload Scheduler
 - ACF2 access matrix for DB2
 - Usability improvements
- **Documentation:**
The chapters on the CARLa command language and the NEWLIST fields have been split off from the User Reference Manuals into a separate, licensed, book: *IBM Security zSecure CARLa Command Reference*, LC27-6533-00. This book combines the information for RACF, ACF2, and Top Secret.

For more information about the new functions, see “Announcement” on page 3.

Chapter 2. Release notes for IBM Security zSecure V2.1.1

IBM Security zSecure V2.1.1 is available. Read this document to find important installation information. You can also learn about compatibility issues, limitations, and known problems.

If you are upgrading from a version of IBM Security zSecure that is older than version 2.1.1, also see the *Release Information* for the versions that you skipped. You can retrieve the *Release Information* documents, starting with IBM Security zSecure version 2.1.1, and read starting with the oldest version at the IBM Knowledge Center for IBM Security zSecure Suite.

This chapter covers the following topics:

- “Announcement”
- “System requirements”
- “Installing IBM Security zSecure”
- “Incompatibility warnings” on page 4
- “Limitations and known problems” on page 5

Announcement

For more information about IBM Security zSecure and the new functions in V2.1.1 as listed in Chapter 1, “What’s new,” on page 1, see the announcement (ENUSZP14-0344). The announcement includes information about

- Prerequisites and technical information
- Terms and conditions and ordering details

The *Documentation CD* (LCD7-5373-01) will not be in the ordering systems until early October. An image will be available on the web as of 5 September 2014. Send email with your customer number to tivzos@us.ibm.com.

System requirements

For detailed information about the system requirements, see Chapter 3, “System requirements,” on page 7.

Installing IBM Security zSecure

For installation instructions, see the following topics:

- Program directories
- Installation and deployment
- zSecure CICS Toolkit
- zSecure Command Verifier
- zSecure Visual Client

For a complete installation roadmap on all steps to install, configure, and deploy a new installation of zSecure or an upgrade to IBM Security zSecure V2.1.1, see the *IBM Security zSecure CARLa-Driven Components Installation and Deployment Guide* at the IBM Knowledge Center for IBM Security zSecure Suite.

Migrating from a previous version of zSecure:

- **Compliance Framework:**

Run job CKAZCUST to create new CKACUST members. Only new members are added, existing members are not changed.

- **Upgrading a shared SMP/E zone:**

IBM Security zSecure 2.1.1 does not include Tivoli Compliance Insight Manager Enabler for z/OS®. Therefore, product remains at 2.1.0. Clients who currently have a shared SMP/E zone for this product and other IBM Security zSecure products must note the following:

- Product feature codes are release-specific; the 2.1.0 feature codes do not work with the 2.1.1 code base, so upgrading to 2.1.1 disables Tivoli Compliance Insight Manager Enabler.
- Tivoli Compliance Insight Manager Enabler function is a subset of the zSecure Audit function; it might be possible to work with an upgraded zone that contains zSecure Audit. If you want to continue using Tivoli Compliance Insight Manager Enabler 2.1.0 and you have a shared installation, you must create an additional zone. Also note that the zSecure Admin component RACF-Offline must be installed into the same SMP/E zone as z/OS.

Incompatibility warnings

Installation and deployment

Alerts 1112 and 1113

If you are using alerts 1112 or 1113, you must reverify and refresh your alert configuration to include support for password changes during logon or job-start. As already documented, you must also have SETROPTS AUDIT activated for the USER class.

Tivoli Compliance Insight Manager Enabler

Tivoli Compliance Insight Manager Enabler for z/OS version 2 release 1 (V2.1) will remain the last release of that product. Note that Tivoli Compliance Insight Manager Enabler shares components with other zSecure products. When a shared installation is upgraded to 2.1.1, the 2.1.0 Tivoli Compliance Insight Manager Enabler is disabled. Therefore, if you share an installation between products, you must do a migration action to do a new installation rather than an in-place upgrade (see Upgrading a shared SMP/E zone).

Administration and operation

Changed behavior of the less than(<) operator for RACF date fields

The Less than operator (<) in the SELECT/EXCLUDE statement applied against RACF date fields no longer considers missing values. Therefore, the less than condition for such cases results in a no match outcome.

REPORT AC1 and REPORT PADS output

The type=r_ac1 AU.S displays and print format reports, as well as the REPORT AC1 output, now wrap short attributes in the AuthAttr column to be on the same line if they fit.

The type=r_pads AU.S displays and print format reports, as well as the REPORT PADS output, now wrap short attributes in the AuthAttr column to be on the same line if they fit.

Also, a new attribute APF is shown as the first attribute if applicable for TYPE=R_PADS output.

Messages CKR2225 and CKR2226

Messages CKR2225 and CKR2226 indicate that a VERIFY or NEWLIST was requested, but that no CKFREEZE file was connected (CKR2225) or that the CKFREEZE was restricted in content (CKR2226). These messages are suppressible, but results are unpredictable.

Limitations and known problems

At the time of publication, there are no limitations or known problems to report for IBM Security zSecure V2.1.1.

Limitations and problems that arise after publication of this *Release Information* document are documented in technotes. Therefore, regularly scan for updates on IBM Security zSecure at Search support and downloads.

Chapter 3. System requirements

This section lists the supported platforms and processor, space, and memory requirements for IBM Security zSecure V2.1.1 and the supported platforms and applications.

Requirements

Minimum and advised processor, disk space, and memory requirements for IBM Security zSecure V2.1.1 and its Compliance, Auditing, and Administration solutions:

	Minimum	Advised
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

For programming and space requirements, see the following zSecure program directories:

- The zSecure Admin RACF-Offline component has its own *Program Directory for RACF-Offline*.
- All other CARLa-driven components of zSecure have a common *Program Directory for Security zSecure Suite CARLa-driven components*.

These program directories are available with the product at the IBM Knowledge Center for IBM Security zSecure Suite.

For a complete installation roadmap on all steps to install, configure, and deploy a new installation of zSecure or an upgrade to IBM Security zSecure V2.1.1, see the *IBM Security zSecure CARLa-Driven Components Installation and Deployment Guide* at the IBM Knowledge Center for IBM Security zSecure Suite.

Supported platforms and applications

IBM Security zSecure products are supported on the following platforms and applications:

- IBM z/OS version 1 release 12 (V1R12) through z/OS version 2 release 1 (V2R1).
- CICS Transaction Server version 3 release 1 (V3R1) through version 5 release 2 (V5R2).
- DB2 version 9 release 1 (V9R1) through DB2 version 11 release 1 (V11R1).
- IMS™ version 11 (V11) through version 13 (V13).
- WebSphere MQ version 7 release 0 modification 1 (V7.0.1) through IBM MQ for z/OS version 8 (V8).
- CA ACF2 release 14 and 15.
- CA Top Secret release 14 and 15.
- zSecure Visual Client requires Microsoft Windows 7 or 8.
- All currently supported versions of WebSphere HTTP server.

- Integrated Cryptographic Services Facility (ICSF) is supported up to HCR77A1.

zSecure 2.1.1 no longer provides service for z/OS version 1 release 11 (V1R11) and Omegamon on z/OS version 4 release 2 (V4R2).

zSecure 2.1.1 no longer includes Tivoli Compliance Insight Manager for z/OS. The final supported release is version 2 release 1 (V2R1); it is no longer upgraded.

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