



IBM® Tivoli® zSecure suite V1.10 Enhances Enterprise Security



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zSecure suite Overview

- **IBM Tivoli zSecure Admin:** Enables efficient and effective RACF administration, using significantly less resources, for both live and offline databases
- **IBM Tivoli zSecure Visual:** Provides an easy and effective Microsoft Windows based GUI for Tivoli zSecure Admin to shorten the learning curve
- **IBM Tivoli zSecure Manager for RACF z/VM:** Allows you to perform mainframe administration and audit functions for RACF in the z/VM® environment quickly
- **IBM Tivoli zSecure CICS® Toolkit:** Allows you to perform mainframe administrative tasks from a CICS environment, without the need for a RACF administrator
- **IBM Tivoli zSecure Alert:** Offers real-time mainframe threat monitoring to help you detect intruders and identify misconfigurations that could hamper compliance efforts in z/OS, DB2, UNIX, RACF and CA ACF2
- **IBM Tivoli zSecure Audit:** Compliance and audit solution that automatically analyzes and reports on security events and detects security exposures for z/OS systems with RACF, CA ACF2 or CA Top Secret Security
- **IBM Tivoli zSecure Manager for RACF z/VM:** Adds a user-friendly layer onto the mainframe that enables superior administration coupled with audit capabilities for the z/VM RACF feature

zSecure Suite 1.10.0 - overview

- **New releases for these products** (GA December 12, 2008)
 - IBM Tivoli zSecure Command Verifier 1.10.0
 - IBM Tivoli zSecure Alert 1.10.0
 - IBM Tivoli zSecure Audit 1.10.0
 - IBM Tivoli zSecure Admin 1.10.0
 - IBM Tivoli zSecure Visual 1.10.0
 - Tivoli Compliance Insight Manager Enabler for z/OS 1.10.0
- **But no new releases for these products – no z/OS currency issues**
 - IBM Tivoli zSecure CICS Toolkit 1.9.0
 - IBM Tivoli zSecure Manager for RACF z/VM 1.8.1

zSecure Suite...

What's new in 1.10.0

What's new in zSecure Suite 1.10.0 - topics

- Admin and Audit
- Visual
- Command Verifier
- Compliance Insight Manager Enabler
- Alert
- Standards and Integration
- Documentation

New in Admin and Audit - overview

- z/OS V1R10 currency
 - ❖ Including RACF custom fields
- Usability
 - ❖ Including new UNIX menu option
- Globalization
 - ❖ Including Double Byte Character Set support (DBCS)

Audit and Admin – z/OS Currency

- A custom field is a site-defined RACF database field, which can have the following data formats: character, numeric, flag, or hexadecimal data
- Enhanced support for Kerberos fields introduced in RACF
- Enhanced auditing for new PPT property to enhance security as well as reporting
- New RACF classes such as:
 - ❖ installation-defined health checks
 - ❖ Websphere MQ CICS document templates
 - ❖ Control of the use of PKCS #11 token

Admin and Audit – Usability

RACF Offline enhancement for zSecure Admin

- z/OS V1R10 Warn user if target database is incorrectly shared

UNIX menu for zSecure Audit

- New main menu UI now includes z/OS UNIX
 - resource based reports
 - For reports about z/OS UNIX Files
 - Makes existing status audit reports better accessible
 - also allows some advanced selection criteria

Audit and Admin – Globalization

- NLS tables now support Double Byte Character Set characters
- Japanese NLS table provided that can be selected in SETUP NLS
 - Some menu options, action commands, and actions bars will be displayed in Japanese. Most panels, messages and help text are still in English.
- **Admin:** Overtyping supports DBCS for database fields that support DBCS
 - That is: RACF database fields Programmer Name and Installation Data

```

zSecure USER CRMBMR1 overview                                0 s elapsed, 0.1 s CPU
Command ==> _____ Scroll==> CSR_
Users like CRMBMR1                                         8 Dec 2008 17:43
  User      Complex  Name                DfltGrp  Owner      RIRP  SOA  gC  LCX  Grp
__ CRMBMR1  DINO          _薔薇ひらがな_____ CRMB_____ CRMB_____  ___  _A  g  L   14
***** Bottom of Data *****
    
```

New in Visual

- RACF custom fields support
- Display of password related settings
- New help format with current Windows look and feel

New in zSecure Suite – Documentation Enhancements

- Restructured documentation library to reduce duplication
 - ✓ One Messages Guide for all zSecure products (unlicensed)
 - ✓ One *Release Information* document describes new features, incompatibility warnings and documentation updates for all products
 - ✓ User Reference Manual for Admin and Audit now per environment: RACF, ACF2, or Top Secret (licensed)

- On-line zSecure Information Center (only unlicensed information)
<http://publib.boulder.ibm.com/infocenter/tivihelp/v2r1/topic/com.ibm.zsecure.doc/welcome.htm>.
 - Licensed manuals can be downloaded from the following URL:
<https://www14.software.ibm.com/webapp/iwm/web/preLogin.do?source=swg-consulesw>

- Documentation CD
 - ✓ contains current level of all products (e.g. Manager for RACF z/VM 1.8.1)
 - ✓ includes licensed manuals

Learn more about zSecure

- Links to webcasts and teleconferences available for replay
 - The System z Security Hub: RACF Administration – zSecure suite
 - <http://www-306.ibm.com/software/os/systemz/telecon/14feb/>
 - Enforce Policy Compliance on RACF – zSecure Command Verifier
 - <http://www-306.ibm.com/software/os/systemz/telecon/19jun/index.html>
 - Optimizing RACF Security for z/VM – zSecure Manager for RACF z/VM
 - <http://www-306.ibm.com/software/sw-events/webcast/X659588E45662G80.html>

- References available

Resource Center

CCR2 Newsletter Article

- <http://www.ibm.com/software/tivoli/features/ccr2/ccr2-2007-09/innovative-mainframe.html>

zSecure data sheets, solution sheets, and white papers

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

zSecure Manuals

- <http://publib.boulder.ibm.com/infocenter/tivihelp/v2r1/index.jsp?topic=/com.ibm.zsecure.doc/welcome.htm>
- Some manuals are restricted to licensed customers

Redbooks & Redpapers

- <http://www.redbooks.ibm.com/>
- z/OS Mainframe Security and Audit Management using IBM Tivoli zSecure - SG24-7633-00
<http://www.redbooks.ibm.com/redpieces/abstracts/sg247633.html?Open>
- Enterprise Multiplatform Auditing - SG24-7472-00 -
<http://www.redbooks.ibm.com/redbooks/pdfs/sg247472.pdf>

IBM Tivoli Security and System z Redpaper

- <http://www.redbooks.ibm.com/redpieces/abstracts/redp4355.html?Open>



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Links to more information:

- [ISM Wiki: Security, Risk and Compliance Management](#)
- [eXtreme Leverage Sales Kits](#)
- [Virtual Sales Academy](#)