



Quick Start Your zSecure Suite - LAB

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From the Top



- Install the product(s)
- Determine which products are to be used
- Ensure product is not DISabled
- Review IFAPRDxx
- Control access to key resources
- Function
- Menu Building
- Options available



Signing on



- PCOMM Personal Communicator
- Application TSO
- Log onto the system
- SHARA20
- SHARA21
- SHARA22
- SHARA23
- SHARA24
- SHARA25
- Password is: (instructor provided)



Signing On



- ISPF option 6 TSO commands
- CKR



IFAPRDxx – Product Enablement



- zSecure defaults to enabled
- IFAPRDxx used for DISabling
- Go review SYS1.PARMLIB(IFAPRDxx)

```
PRODUCT NAME(*) STATE(ENABLED)
                                Command ===>
                                                                     BROWSE
                                                                   SYS1.PARMLIB(IFAPRD00) - 01.01
                                                    Scroll ===> CSR
                                                                     Line 00000000 Col 001 080
```



Bare Minimum Profiles



- Create catchall profiles with UACC=NONE
- CKE **
- CKG **
- CKR.**
- C2R.**
- NOT C4R.**
- TOOLKIT.**
- grant READ access to the people entitled to use all functions of zSecure
- NOTE: a wider generic profile like *.** is not sufficient
- NOTE: zSecure requires the IRR. ** FACILITY class profile







- analyzed later snapshots the system CKFREEZE (program: CFKCOLL) gathers data to be
- zSecure RA.R for class XFACILIT

CKF.ADMIN CKF.ALERT CKF.AUDIT	NONE
CKF.AUDIT	NONE
CKF.TCIM	NONE
CKF.VISUAL	NONE

- Determines if user allowed to perform function.
- Broken out by product
- Appendix B in Installation and Configuration Guide



Setting up for CKFREEZE

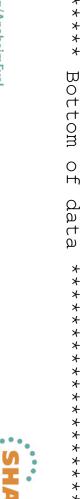


- First we'll do a setup files
- SE.1
- <u>I</u> Active backup RACF data base and live SMF data sets

```
Command
                              zSecure Admin+Audit for RACF - Setup -
  || || \
```

```
Description .
Your description for this input
file
```

```
Data
                               3
0
t
                               name
                              or DSNPREF=, or Unix file
data ************
                              name
                             Туре
              CKFREEZE
```









Define and create CKFREEZE

Name the (non-)existent data set and set to CKFREEZE
Data set name or DSNPREF=, or Unix file name data.ckfreeze ckfreeze

Type

**************** Bottom of data ************

Enter

CKFREEZE file not found. Change dataset name, or specify allocation parameters

Dataset name . . . 'SHARA25.CKFREEZE.DATA'

Allocation parameters to create new dataset:

Space units . . Generic unit . Volume serial . . (KB, MB, TRKS, or CYLS) (Generic group name) (Blank for authorized default volume)

(In above units, press HELP .

(In above units)

Secondary quantity Primary quantity .



Populate CKFREEZE



- Put an F next to your fileset (description)

Fill in jobcard information:

Option ===>

View

View JCL

Submit

Edit

Edit JCL

Cancel

Do not submit the JCL

Submit JCL for execution

Parameters

Specify zSecure Collect parameters

Job statement information: (Verify before proceeding)

> //SHARA25C JOB CLASS=A, MSGCLASS=X, NOTIFY=&SYSUID





CKF.** for CKFCOLL

Run a REFRESH for CKFREEZE

```
6.45.27 JOB02105
                                                                                                                                              6.45.27 JOB02105
                                                                                                                                                                  6.45.26 JOB02105
992
                   992
                                        992
                                                                                  991
                                                                                                      991
                                                                                                                          991
                                                                                                                                                                                                                                 JOB02105
                                                                                                                                                                                       JOB02105
                                                                                                                                                                                                            JOB02105
                                                                                                                                                                                                                               ---- THURSDAY, 02 AUG 2012 ----
                                                           ICH408I USER (SHARA25 ) GROUP (SHARUSER) NAME (SHARE
                                                                                                                                             ICH408I USER (SHARA25 ) GROUP (SHARUSER) NAME (SHARE USER
                                                                                                                                                                 $HASP373 SHARA25A STARTED - INIT 6
                                                                                                                                                                                    ICH70001I SHARA25 LAST ACCESS AT 16:37:27 ON THURSDAY, A
                                                                                                                                                                                                          IRR010I USERID SHARA25
                                                                                ACCESS INTENT (READ
                                                                                                    INSUFFICIENT ACCESS AUTHORITY
ACCESS INTENT (READ
                    INSUFFICIENT ACCESS AUTHORITY
                                        CKF.ADMIN CL (XFACILIT)
                                                                                                                         CKF.AUDIT CL (XFACILIT)
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ALLOWED (NONE
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                                                                                                                                                                                                                                                                          Z
                                                                                                                                                                                                                                                                          ഗ
                                                             USER
```



Clean up



- Go to 3.4
- Type in your userid
- Find your CKFREEZE.DATA dataset
- / in action column
- Choose Delete
- Setup Files
- 'E'dit your fileset
- Replace dsname with 'SHARE.ZSEC12.LAB.CKFREEZE
- DON'T FORGET THE quotes (')



CKF.* profiles



- Needed for whichever products you want to collect data for
- zSecure Alert
- Collection job userid
- CKF.ALERT
- CKF.COLLECT



CKR.** profiles



- Determines which displays can be seen by user
- Who is allowed to see all RACF database records? Give only central administrators READ permits.

CKR.READALL

NONE

Who is allowed to invoke CKRCARLA in APF-authorized mode?

CKR.CKRCARLA.APF

NONE



Menu controls



- Frequent 'gotcha'
- Symptom: blank or omitted lines from Menu
- The resource names follow the same naming convention:
- first qualifier: 'CKR'
- second qualifier: 'OPTION' / 'ACTION'
- third qualifier: main panel option
- fourth qualifier: secondary menu option etc
- So for the main panel, the resource names are:CKR.OPTION.SE.1 for SETUP FILESCKR.OPTION.RA for RACF
- CKR.OPTION.** UACC(NONE)
- CKR.ACTION.** UACC(NONE)
- Exercise -
- What menu options are controlled?
- Useful for Helpdesk menu tailoring



CKGRACF controls



The CKGRACF user does not require any special RACF authority such as the or group of users in the access control lists of several XFACILIT class profiles control who can use the CKGRACF program by putting each CKGRACF user interfaces, adopts whatever authority it needs for a task. Therefore, you must SPECIAL or group-SPECIAL attribute. The CKGRACF program, using APF

- Ensure CKG.** with UACC(NONE) is defined
- Very extensive guide for CKG profiles in Audit/Admin User Guide: Chapter 14



zSecure Toolkit for CICS



1. Define the Toolkit SVC to RACF with the RDEFINE command.

RDEFINE FACILITY TOOLKIT.SVC UACC (NONE)

2. Grant SVC access to each CICS region that will have an installation of the toolkit.

PERMIT TOOLKIT.SVC CLASS (FACILITY) ID (userid) ACCESS (READ)

- where userid is the ID of the CICS region.
- Build the generic block:

RDEFINE FACILITY TOOLKIT. ** UACC (NONE)

4. Define the specific functions to users



zSecure CICS Toolkit



- Review your site
- CKR
- RA.R (RACF Resources)
- Class: FACILITY (not XFACILIT)
- Profile: TOOLKIT.**
- Check for TOOLKIT.SVC
- UACC(NONE)
- Permit CICS regions
- Check for TOOLKIT.** (or 4 letter transaction codes)



zSecure Command Verifier



- Control who has access
- C4R.EXEMPT UPDATE or higher is uncontrolled!!
- access level at this time. passed to RACF before executing it. Use only the READ This profile specifies to display the command that is
- C4R.DEBUG NOTE: This profile is now deprecated. Instead, use the C4R.=MSG.CMD profile.
- C4R.=MSG.CMD



zSecure Command Verifier



- Review your site
- CKR
- RA.R (RACF Resources)
- Class: XFACILIT
- Profile: C4R.**
- Watch for any WARNING (Y) profiles
- zSecure Command Verifier does not support the use of warning mode on policy profiles
- Check for C4R.** profile NOT recommended
- Check for C4R.EXEMPT
- Is anyone above the rules?





- Summary
- Starting up with zSecure
- IFAPRDxx not required to enable
- Appendix B in Installation and Configuration Guide
- CKF.** CKFCOLLECT CKFREEZE
- CKG.** CKGRACF special command handler
- C2R.** authorization with Audit / Admin
- NOT C4R.** Command control over all
- TOOLKIT.** CICS interface to zSecure



Thank you



Please submit your session evaluations

11687

- Online at SHARE.org/AnaheimEval
- Paper copy if needed

