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SENSTRUS – Sensitive and TRUSTED report

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• Resources (C - CICS M - IMS D - DB2)

Opt	ion ===> <u>re.c_</u>	zSecure Suite - Main menu		
SE RA AA RE I U C M AM EV CON LO X	Setup RACF ACF2 Audit Resource IP stack Unix CICS IMS DB2 Access Events Commands Information Local Exit	Options and input data sets RACF Administration ACF2 Administration Audit security and system resources Resource reports TCP/IP stack reports Unix filesystem reports CICS region and resource reports IMS control region and resource reports DB2 region report RACF Access Monitor Event reporting from SMF and other logs Run commands from library Information and documentation Locally defined options Exit this panel	More	*
Inp	ut complex: I	DFX		



CICS region reports	S H A R E Interior Constant - Parts
≻Go to menu option RE.C.R	
zSecure Suite - CICS - Regions	
Show CICS regions that fit all of the following criteria: Jobname (jobname or filter) UTAM applid (applid or filter) SYSIDNT (identifier or filter) Complex (complex or filter) System (system or filter)	
Advanced selection criteria _ Region security settings _ Region attributes _ Classes	
Output/run options _ Print format Customize title Send as e-mail Background run Full page form	
Specify selection criteria and press ENTER CICS region display 1 s elapsed, 0.6 s CPU Command ===> All CICS region records 5 Oct 2011 07:38 Pri Jobname Stepname Complex System CICS41 IDFX ADCD CICS41 CICS Service Service Service Service Pri Jobname Service Service	
> Type 'S' against the CICS region you want to display SH.	ARE in Atlanta

CICS region reports			S H A R E Intergo - Conscient - Haupt
This results in a CICS re	gion dis	play, including. SAF class in	fo
	0		
h acies 211	icolau	line 3 o	£ 60
Command ===>	rspray	Scroll==>	CSR
All CICS region records		5 Oct 2011 07:38	
Region identification Complex name System name CICS Region job name CICS Region step name UTAM Specific applid UTAM Generic applid UTAM CICSPLEX Generic applid CICS System identification CICS System release level Default Userid Region Userid PLT initialization userid	IDFX ADCD CICS41 CICSTS41 CICSTS41 CICSTS41 CICS TS 4.1.0 CICSUSER CICSA CICSPLT	Jobid STC02037 ASID 0032 Dfltgrp: SYS Dfltgrp: STC Dfltgrp: SYS Dfltgrp: SYS	1 GRP 1
SAF protection settings Command security DB2 Entry security Transient Data security File security Journal security	SIT Yes No No No Yes	Class Act Gen CCICSCMD Yes Yes JCICSJCT Yes Yes	
		S	ARE in Atlanta

CICS reports		SHARE New Provide State
New menu optic	ons RE.C, RE.M, and RE.D	
Option> Ko c	zSecure Suite - Main menu	
SE Setup RA RACF AA ACF2 AU Audit RE Resource I IP stack U Unix C CICS M IMS D DB2 AM Access EU Events CO Commands IN Information LO Local X Exit	Options and input data sets RACF Administration ACF2 Administration Audit security and system resources Resource reports TCP/IP stack reports Unix filesystem reports CICS region and resource reports IMS control region and resource reports DB2 region report RACF Access Monitor Event reporting from SMF and other logs Run commands from library Information and documentation Locally defined options Exit this panel	More +
Input complex: I	DFX	
Option ===>	zSecure Suite – Resource – CICS	
R Regions T Transactions P Programs	CICS region reports CICS transactions selection and reports CICS programs selection and reports	
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CICS transactions reports
zSecure Admin+Audit for RACF - CICS - Transactions
Show CICS transactions that fit all of the following criteria: Transaction (transaction or filter) Program (program name or filter) Jobname (jobname or filter) VTAM applid (applid or filter) SYSIDNT (dentifier or filter) Complex (complex or filter) System (system or filter) Type of report 1 2. Simulate access for specified resource
Security settingsAttributes Output/run options 0. No summary 1. Summarize by region 2. Summarize by transaction 0. No summary 1. Summarize by region 2. Summarize by transaction 0. No summary 1. Summarize by region 2. Summarize by transaction 0. No summary 1. Summarize by region 2. Summarize by transaction 0. By region, By transaction Summary options: None, By region, By transaction
Simulation option: Show access for uncaptured (non-existent) resources Specify selection criteria and press ENTER SHARE in Atlanta

CICS transact	ions re	eports	ì				S H A R E		
							Technology - Connections - Results		
This results in a CICS transaction overview									
	, transaot								
	s transact	ion disp.	Lay			16 172 Of	198		
Command ===>				7 1		.011===>	<u>USR</u>		
HII 6165 LFdHSdCLIUH	Stoppamo	Compley	ПТАМАВВІ	O JUII ZO	Brogram	Boc Cmd	Ena S		
CUMT CICCL4	отернане	TDEA	OTHPHEFEL CICCICL4	51510HI	псимтре	Res GHU	Elia a		
	010341	IDEX	01031341	0105	DEHURA	nes	Ena		
	010341	IDEX	01031341	0103	DEHUBCOO	Roc Cmd	Ena S		
	010541	IDEX	01051541	2010	DEHWBCB	neb ond	Ena S		
	CICS41	IDEX	CICSTS41	2010	DEHCWIO		Ena		
CWWII CICS41	CICS41	IDEX	CICSTS41	2010	DEHWRA	Res Cmd	Ena		
CWXN CICS41	CICS41	IDEX	CICSTS41	2010	DEHWBXN	Res	Ena		
CWXU CICS41	CICS41	IDFX	CICSTS41	CICS	DEHWBXN		Ena		
CW2A CICS41	CICS41	IDFX	CICSTS41	CICS	DFHW2A	Res Cmd	Ena		
CXCU CICS41	CICS41	IDFX	CICSTS41	CICS	DFHCXCU		Ena		
CXRE CICS41	CICS41	IDFX	CICSTS41	CICS	DFHZXRE		Ena		
CXRT CICS41	CICS41	IDFX	CICSTS41	CICS	DFHCRT	Res	Ena		
DSNC CICS41	CICS41	IDFX	CICSTS41	CICS	DFHD2CM1		Ena S		
EXCI CICS41	CICS41	IDFX	CICSTS41	CICS	DFHMIRS		Ena		
HPJC_CICS41	CICS41	IDFX	CICSTS41	CICS	DFHMIRS		Ena		
QWAS CICS41	CICS41	IDFX	CICSTS41	CICS	DFHEDAP		Ena		
RTCK CICS41	CICS41	IDFX	CICSTS41	CICS	CQTPCHEK		Ena		
RTMM CICS41	CICS41	IDFX	CICSTS41	CICS	CQTP0000		Ena		
RTST CICS41	CICS41	IDFX	CICSTS41	CICS	CQTPSTRT		Ena		
						CUAD			
Type 'S' against the C	CICS trans	saction yo	ou want to	o display		SHAR 20	In Atlanta		

• • • • • • • • • • • • • • • • • • •			
CICS transactions re	ports		S H A R E Inderge Constant - Sada
CICS transactio	on displa	y Line	1 of 53
Command ===>	·	Scroll=	==> <u>CSR</u>
All CIUS transaction records		6 Jun 2011 02:12	
Transaction identification Complex name System name Transaction name Resource name First program name CICS Region job name CICS Region step name UTAM Specific applid CICS System identification	IDFX SYS1 RTMM CICSA.RT CQTP 00000 CICS41 CICS41 CICSTS41 CICS	MM Jobid STC03306 ASID 003A	
Transaction security settings Resource security checking	No	Command security checking	No
Transaction attributes Enabled Task data location above Task data in user key Task storage clearance Trace transaction	Yes Yes Yes No No	Enabled during shutdown Use local queueing TWA size Task storage freeze Show user data in CICS trace	No No No Yes
Scroll down for additional	details	(SHARE in Atlanta



CICS reports		S H A R E
New menu optio	ns RE.C, RE.M, and RE.D	
Ontion ===> KA C	zSecure Suite - Main menu	
SPEIDIN SPEED SE Setup RA RACF AU Audit RE Resource I IP stack U Unix C CICS M IMS D DB2 AM Access EU Events CO Commands IN Information LO Local X Exit	Options and input data sets RACF Administration ACF2 Administration Audit security and system resources Resource reports TCP/IP stack reports Unix filesystem reports CICS region and resource reports IMS control region and resource reports DB2 region report RACF Access Monitor Event reporting from SMF and other logs Run commands from library Information and documentation Locally defined options Exit this panel	More +
Input complex: ID	FX	
Option ===>	zSecure Suite - Resource - CICS	
R Regions T Transactions - M P Programs	CICS region reports CICS transactions selection and reports CICS programs selection and reports	
		SHARE in Atlanta

CICS Program reports	S H A R E Tabaga Canadar Huak
<pre>zSecure Admin+Audit for RACF - CICS - Programs Command ===></pre>	
Show CICS programs that fit all of the following criteria: Program	
Advanced program selection criteria _ Security settings _ Attributes	
Output/run options _ 0. No summary 1. Summarize by region 2. Summarize by program _ Print format Customize title Send as e-mail Background run Full page form	
SH	ARE in Atlanta

ICS	Prog	ram F	Repor	ts				S H
		CICS or	ooram dis	plau			Line 54	1 of 1784
Command	===>	p.	- j				Scroll	===> <u>CSR</u>
All CICS	program	n records			6 J	un 2011 0	2:12	
Pri P	rogram	Туре	Jobname	Stepname	Complex	VTAMAPPL	SYSIDNT	Ena Dyn R
C	QTB400	Mapset	CICS41	CICS41	IDFX	CICSTS41	CICS	Ena
C	QTB500	Mapset	CICS41	CICS41	IDFX	CICSTS41	CICS	Ena
CI	QTB550	Mapset	CICS41	CICS41	IDFX	CICSTS41	CICS	Ena
CI	QTB560	Mapset	CICS41	CICS41	IDFX	CICSTS41	CICS	Ena
CI	QTB580	Mapset	CICS41	CICS41	IDFX	CICSTS41	CICS	Ena
CI	QTB590	Mapset	CICS41	CICS41	IDFX	CICSTS41	CICS	Ena
C	QTB600	Mapset	CICS41	CICS41	IDFX	CICSTS41	CICS	Ena
C	QTB700	Mapset	CICS41	CICS41	IDFX	CICSTS41	CICS	Ena
C	QTB800	Mapset	CICS41	CICS41	IDFX	CICSTS41	CICS	Ena
C	QTB860	Mapset	CICS41	CICS41	IDFX	CICSTS41	CICS	Ena
C	QTB900	Mapset	CICS41	CICS41	IDFX	CICSTS41	CICS	Ena
C	QTPAPIO	Program	CICS41	CICS41	IDFX	CICSTS41	CICS	Ena
CI	QTPAPRM	Program	CICS41	CICS41	IDFX	CICSTS41	CICS	Ena
CI	QTPATCH	Program	CICS41	CICS41	IDFX	CICSTS41	CICS	Ena
CI	QTPCHEK	Program	CICS41	CICS41	IDFX	CICSTS41	CICS	Ena
CI	QTPCNTL	Program	CICS41	CICS41	IDFX	CICSTS41	CICS	Ena
CI	QTPDTCH	Program	CICS41	CICS41	IDFX	CICSTS41	CICS	Ena
C	QTPLT00	Program	CICS41	CICS41	IDFX	CICSTS41	CICS	Ena
C	QTPMSGE	Program	CICS41	CICS41	IDFX	CICSTS41	CICS	Ena
C	QTPSNP0	Program	CICS41	CICS41	IDFX	CICSTS41	CICS	Ena
This res Type 'S'	sults in a ' against	CICS pro	ograms o S program	verview i you want	to displa	у		SHARE in A

_ CICS program d	isplay	Line	1 of 41
Command ===>		Scroll==: 6 Jun 2011 02:12	=> <u>CSR</u>
Duesues identification			
Complex name	IDEX		
Suctom name	1010		
Program name	COTPAPIA		
Resource name	CICSA.COT	PAPIO	
Program tupe	Program		
CICS Region job name	CICS41	Jobid STC03306 ASID 003A	
CICS Region step name	CICS41		
VTAM Specific applid	CICSTS41		
CICS System identification	CICS		
Program attributes			
Enabled	Yes	Dynamic routable	No
Obtain new program copy	No	Allow CICS Exec.Diag.Fac.	Yes
Permanently loaded program	No	Use DPL-subset API	No
Task data location above	Yes	Task data in user key	No
Use CICS API only (defined)	Yes	Use CICS API only (deduced)	Yes
Programming language(defined)	ASM	Programming language(deduced)	Undecid
Programs threadsafe(defined)	No	Programs threadsafe(deduced)	No

CICS Program Report	S H A R E hereige "Constitute - Ready
CICS program display Command ===> Sc All CICS program records 6 Jun 2011 02:12	Line 29 of 41 roll===> <u>CSR</u>
UACC RACF Universal access READ	
Class Profile MCICSPPT CICSA.*	
User Access ACL id When CICSA UPDATE CICSA group- UPDATE SYSPROG BCSCGB1 ALTER BCSCGB1	
Contributing profiles (grouping-class and member-class)	
Effective access to the "merged profile" ACL command to explode/resolve/effective ACL command to sort access list	
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IMS control region reports	SHARE Interest - Factor
≻Gotomenu option RE.M.R	
zSecure Suite - Resource - IMS Option ===> R	
RRegionsIMS control region reportsTTransactionsIMS transaction reportsPPSBsIMS program specification blocks	
<pre>> Specify selection criteria and press ENTER Show IMS control regions that fit all of the following criteria: Jobname</pre>	
Advanced selection criteria Region security settings	
Output/run options _ Print format Customize title Send as e-mail Background run Full page form	
\geq Type 'S' against the IMS control region you want to display	
Command ===> Scroll==> CSR All IMS region records 5 Oct 2011 08:05 Pri Jobname Stepname Complex System UTAMAPPL RegType IMSID IMS lul S IMS11CR1 IMS11CR1 IDFX ADCD IMS11CR1 0nline IUP1 WINNEX***********************************	in Atlanta



IMS PSB Report		S H A R E Taking: Canadra - Rasia
In addition – IMS PSB Report IMS PSB displa Command ===> All IMS PSB records	y	Line 1 of 21 roll===> <u>CSR</u>
PSB identification Complex name System name Program specification block Resource name Transactions IMS Region job name IMS Region step name VTAM Applid IMS System identification	IDFX SYS1 DFSSAM04 DFSSAM04 ADDINU ADDPART DLETINU DLETPA IMS10CR1 Jobid STC03308 ASID 003C IMS10CR1 IMS10CR1 IMS10CR1 IUP1	RT
UACC RACF Universal access Class Profile IIMS DFSSAM04	READ	
		SHARE in Atlanta



DB2 region reports ≻Go to menu option RE.D	S H A R E Tethnings - Constillent - Faculty
<pre>command ===></pre>	
Show DB2 regions that fit all of the following criteria: Jobname	
Output/run options _ Print format Customize title Send as e-mail Background run Full page form	
Specify selection criteria and press ENTER DB2 region display 2 s elapsed, 1.1 s CPU Command ===>	E in Atlanta

0	
DB2 region reports	S H A R E Transport
✔ This results in a DB2 regior	n display
DB2 region disp Command ===> All DB2 region records	play Line 3 of 36 Scroll===> <u>CSR</u> 5 Oct 2011 08:05
 System name DB2 System identification DB2 Region job name DB2 Region step name Local LU name Local site name Group attachment name Command character Linkage table index Region userid Region security settings Classification Option Class Name Root Class Name suffix 	ADCD DB9G DB9GMSTR Jobid STC01967 ASID 003B DB9GMSTR DB9GLU1 DALLAS9 - 00180100 START2 2 (1=single-subsystem, 2=multi-subsystem) AHJ 1
SAF protection settings Buffer pool privileges class Class system privileges Collection privileges class	Class Grouping Act Gen MAHJBP1 GAHJBP1 Yes Yes MAHJSM1 Yes Yes MAHJCL1 Yes Yes
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- ✓ Active backup RACF database
- Backup ACF2 database
- ✓Active SMF
- ✓ Active CKFREEZE (=system snapshot)
- Catalogued data sets on request (by name)

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Multi-system support -**Viewing reports**

For example, menu option RA.3.G (Compare users): Enter S in front of a class for more info 16 Dec 2011 00:05

Class	Complex	Profiles	C##MBJTI	С##ВЈТ2	
 DATASET	DD981216	12	ALTER	ALTER	
 DATASET	DINO	48	ALTER	ALTER	
 FACILITY	DD981216	6	READ	ALTER	
 FACILITY	DINO	10	READ	ALTER	
 XFACILIT	DINO	5	READ	ALTER	
					SHARE in Atlanta



	Multi-system support – Compare databases at a glance									
A	Let's loo	k at two similar datak # Name	DASES: DfltGrp	Owner	Rev	Ina Res	s Ptc	Spc ()pr	
	CERT004	2 TESTUSER DIG.CERT	C##B	SYSAUI	'H 100	50 (0 100	0	0	
s_	CERT005	2	SYS>	<more></more>	→ 50	0 0	0 100	0	0	
 These userids occur in both databases (the 2 under #) CERT004 has all the same values, except for the revoke_inactive flag (50%) CERT005 has two different owners, with no common prefix (hence <more>)</more> 										
	CERT005	DD981216	SY	SPROG	C##BMR1			Σ	κ 1	
	CERT005	DINO	SY	SAUTH	SYSAUTH	R		Σ	K 1	
								(SHAF 2	E in Atlanta
	• • • • • • • • • • •									
	Multi Remo	-system supp ote data limita	ort – itions							S H A R E Tehning: Constitutes - Facult

- The information returned from a remote RACF database is limited in the same way as an UNLOAD file
 - E.g. sensitive data such as passwords is not present
- The remote RACF database also has characteristics similar to a local database:
 - Two-pass database read is not allowed—use an UNLOAD
 - RECNO will be 0
- MERGE is not allowed with a remote database
- A remote UNLOAD is just an UNLOAD
 - It is treated like a regular file and is not processed by a remote CKRCARLA

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