



## **SAF Security Audit Report**

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**Overview:**

The purpose of this non-updating, daily application is to produce a report to assist you in tracking activity and privileges in the Shared Application Framework (SAF) environment. SAF is where CORE users are created, maintained, and granted access. While a number of CORE reports show activity and user authority, no similar report has been available to track the same information and changes occurring in SAF until now. This new report will aid in your efforts to audit activity within SAF.

**Key Benefits:**

- Assist in tracking all activity in the Shared Application Framework.
- Produce a report which will aid in audit activity. Four sections of information are provided:
  - List of SAF Groups and User Information
  - Application Object listing and descriptions
  - Password Maintenance in SAF
  - Update, Create, and Deletion activity in SAF

**Processing:**

The AP\_EMSAF batch application is designed to gather and display four types information from the SAF environment:

- List of SAF Groups and User information
- Application Object listing and descriptions
- Password maintenance in SAF (occurring within the parameter date range)
- Update, create, and deletion activity performed in SAF (within the parameter date range)

The date parameters allow you flexibility in deciding how frequently this application should be run to capture the modifications to the SAF environment.

**Parameters:**

Parameter	Parameter Code	Description	Required	Default
Activity Category Codes	ACTC	A comma separated list of Activity Category Codes to include in the Activity section of the report.	No	All Activity Category Codes
Activity Type Codes	ACTT	A comma separated list of Activity Type Codes to include in the Activity section of the report.	No	All Activity Type Codes
Start Date	SD	The beginning of the date range used to search for SAF Activity.	No	Queue Effective Date

Thru Date	TD	The end of the date range used to search for SAF Activity.	No	Queue Effective Date
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**Variables:**

No variables are used for this application.

**Report:**

This application will generate a report with four sections each reflecting a different type of information from the SAF environment. The formats are shown below.

**Section 1: List of SAF Groups and User information**

This Section will contain information for all groups in system (currently ADMIN, TRACE, USER and PASS).

Each group will have a listing of all individuals in that group.

**Sample Section 1 Image**

BANK: ABC SAVINGS BANK		Employee SAF Report				Run Date: 05-02-2011			
Report: AP_EMSAF						Post Date: 01-05-2011			
						Page: 1 of 14			
== Administrator ==									
Auth Group: ADMIN			Auth Group Description: Assigns administrator rights to users.						
Auth Item Description			Auth Item Permissions						
-----			-----						
Device Maintenance			ADD UPD DEL VIEW						
User Maintenance			ADD UPD DEL VIEW						
Product Maintenance			ADD UPD DEL VIEW						
Activity Viewing			VIEW						
Password Changes			ADD VIEW						
Business Object			ADD UPD DEL						
Trace Viewing			VIEW						
Property Maintenance			ADD UPD DEL VIEW						
Rule Maintenance			ADD UPD DEL VIEW						
UserID	Core#	SAF#	FirstName	LastName	Group	GrpLastChg	Add Date	PULastChg	PUSStat
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
GL001	101	1322	G1001	Cocc	ADMIN	07-11-2009	12-10-2002	07-11-2009	UnLocked
DEPOSIT8	127	1343	Deposit8	Cocc	ADMIN	07-11-2009	12-23-2002	12-09-2010	UnLocked
JSMIT	186	1405	Jane	Smith	ADMIN	07-11-2009	12-05-1980	11-26-2010	UnLocked
DEPOSITA	22428	1469	DepositA	Cocc	ADMIN	02-23-2010	02-23-2010	11-29-2010	UnLocked
LOAN10	22430	1471	Loan10	Cocc	ADMIN	02-23-2010	02-23-2010	12-20-2010	UnLocked
LOAN11	22431	1472	Loan11	Cocc	ADMIN	02-23-2010	02-23-2010	12-16-2010	UnLocked
LOAN12	22432	1473	Loan12	Cocc	ADMIN	02-23-2010	02-23-2010	12-13-2010	UnLocked

**Section 2: Application Object listing and descriptions**

This section contains a listing of all the SAF Business Objects.

**Sample Section 2 Image**

Bank: ABC SAVINGS BANK	Employee SAF Report	Run Date: 05-02-2011
Report: AP_ENSAF		Post Date: 01-05-2011
		Page: 6 of 14
Appl Object Listing		
AuthItemCd	AuthItemName	ApplType Appl# Appl Desc
ACTVLOG	Activity Viewing	WINFORM 1008 Form used to view the activity log.
BO	Business Object	BUSINESS 11 Menu Business Object
BO	Business Object	BUSINESS 12 PersProd Business Object
BO	Business Object	BUSINESS 15 MenuMenuItem Business object
BO	Business Object	BUSINESS 288 Actv Business object
BO	Business Object	BUSINESS 289 ActvAction Business object
BO	Business Object	BUSINESS 290 ActvCat Business object
BO	Business Object	BUSINESS 291 ActvCat&actvTyp Business object
BO	Business Object	BUSINESS 292 ActvDtl Business object
BO	Business Object	BUSINESS 293 ActvTyp Business object

Section 3: Password maintenance in SAF (occurring within the parameter date range) The Password Maintenance Section displays information about password maintenance activities as displayed in below screenshot:

Sample Section 3 Image

Bank: ABC SAVINGS BANK			Employee SAF Report		Run Date: 05-03-2011	
Report: AP_ENSAF					Post Date: 01-05-2011	
					Page: 11 of 91	
Password Maintenance			12-01-2010		03-01-2011	
ActvNbr	Seq	RespPers	Date/Time	Actv Desc	Actv User	Actv Type
22223	1	Cocc, Secure(1397)	01-DEC-10 09:43	Password Change	LOAN4 (1415)	Other
22228	1	Smith, Jane(1489)	01-DEC-10 07:56	Password Change	JSMIT (1489)	Self
22428	1	Cocc, Secure(1397)	06-DEC-10 14:45	Password Change	TECH4 (1401)	Other
22479	3	Cocc, Secure(1397)	07-DEC-10 10:01	Password Change	LOAN11 (1472)	Other
22480	3	Cocc, Secure(1397)	07-DEC-10 10:04	Password Change	LOAN12 (1473)	Other
22552	1	Cocc, Deposit3(1402)	08-DEC-10 13:27	Password Change	DEPOSIT3 (1402)	Self
22588	1	Cocc, Secure(1397)	09-DEC-10 09:49	Password Change	LOAN12 (1473)	Other
22598	1	Cocc, Secure(1397)	09-DEC-10 13:40	Password Change	DEPOSIT8 (1343)	Other
22658	1	Cocc, Secure(1397)	10-DEC-10 14:33	Password Change	DEPOSIT3 (1402)	Other
22663	1	Cocc, Secure(1397)	10-DEC-10 14:58	Password Change	DEPOSIT3 (1402)	Other
22713	1	Cocc, Secure(1397)	12-DEC-10 10:37	Password Change	DEPOSIT2 (1426)	Other
22720	1	Cocc, Secure(1397)	13-DEC-10 08:45	Password Change	DEPOSIT2 (1426)	Other

Section 4: Update, create, and deletion activity performed in SAF (within the parameter date range)

The SAF Activity Section is filtered by Activity Category Code and Activity Type Code restrictions:

Sample Section 4 Image

Bank: ABC SAVINGS BANK  
Report: AP\_EMSAF

Employee SAF Report

Run Date: 05-02-2011  
Post Date: 01-05-2011  
Page: 12 of 14

		Other SAF Activity		03-01-2011 05-02-2011		
ActvNbr	User#	Date	ACT Table	Value	Old	New
23489	Cocc, Loan4(1415)	03-14-2011 14:21	ADD SafDeviceProd	DeviceNbr		7853
	Cocc, Loan4(1415)	03-14-2011 14:21	ADD SafDeviceProd	ProdNbr		3
	Cocc, Loan4(1415)	03-14-2011 14:21	ADD SafDeviceProd	TraceMaxFileSi		1000000
	Cocc, Loan4(1415)	03-14-2011 14:21	ADD SafDeviceProd	TraceOptionCd		TRACESVC
	Cocc, Loan4(1415)	03-14-2011 14:21	ADD SafDeviceProd	TracingYN		N
23524	Cocc, Custserv(1390)	03-23-2011 09:24	UPD SafDeviceProdProp	DeviceNbr	7814	
	Cocc, Custserv(1390)	03-23-2011 09:24	UPD SafDeviceProdProp	ProdNbr	3	
	Cocc, Custserv(1390)	03-23-2011 09:24	UPD SafDeviceProdProp	PropCd	LASTPERSNM	
	Cocc, Custserv(1390)	03-23-2011 09:24	UPD SafDeviceProdProp	PropValue	SM%	COCC%
23539	Cocc, Custserv(1390)	03-24-2011 10:57	ADD SafDeviceProd	DeviceNbr		7868
	Cocc, Custserv(1390)	03-24-2011 10:57	ADD SafDeviceProd	ProdNbr		3
	Cocc, Custserv(1390)	03-24-2011 10:57	ADD SafDeviceProd	TraceMaxFileSi		1000000
	Cocc, Custserv(1390)	03-24-2011 10:57	ADD SafDeviceProd	TraceOptionCd		TRACESVC
	Cocc, Custserv(1390)	03-24-2011 10:57	ADD SafDeviceProd	TracingYN		N
23548	Cocc, Custserv(1390)	03-24-2011 18:21	UPD SafDeviceProdProp	DeviceNbr	7824	
	Cocc, Custserv(1390)	03-24-2011 18:21	UPD SafDeviceProdProp	ProdNbr	3	
	Cocc, Custserv(1390)	03-24-2011 18:21	UPD SafDeviceProdProp	PropCd	LASTPERSNM	
	Cocc, Custserv(1390)	03-24-2011 18:21	UPD SafDeviceProdProp	PropValue	BA%	PAC%
23563	Cocc, Custserv(1390)	03-29-2011 11:00	UPD SafDeviceProdProp	DeviceNbr	7814	
	Cocc, Custserv(1390)	03-29-2011 11:00	UPD SafDeviceProdProp	ProdNbr	3	
	Cocc, Custserv(1390)	03-29-2011 11:00	UPD SafDeviceProdProp	PropCd	FRSTPERSNM	
	Cocc, Custserv(1390)	03-29-2011 11:00	UPD SafDeviceProdProp	PropValue		CUST%

## Field Listing:

- **Section 1:** List of SAF Groups and User Information

These sections print various information about Authorizations group.

Field	Description
Auth Item Description	The Authorized item Name
Auth Item Permissions	Different permissions on Authorized item (Ex. Add, Del).

Next part of this section prints user information under same Auth Item.

Field	Description
UserID	The Users Sign On ID.
Core#	Prod number from ProdPersId table.
SAF#	The Person number of the sign on ID user.
FirstName	First name of the user.
LastName	Last name of the user
Group	Authorized group name of user.
GrpLastChg	Date when Person associate to Auth group.
Add Date	Date when Person added in database.
PWLastChg	Date when this password last changed.
PWStat	State of Password (Unlock, Locked)

- **Section 2:** This section prints all the applications that are associated with different auth items.

Field	Description
AuthItemCd	The Authorized item code.
AuthItemName	The Authorized item Name.
ApplTyp	Application Type (Ex. Winform).
Appl#	Application number.
Appl Desc	Application name or Description

- **Section 3:** The Password Maintenance Section.

The heading of this section prints parameter date range.

Field	Description
ActvNbr	Activity number to change Password.
Seq	Number that uniquely identifies each detail row within an activity.
RespPers	The Responsible Person Number for the activity.
Date/Time	The Activity Date and Time is the time and date for the activity.
Actv Desc	The Activity Description is the textual description of the activity.
Actv User	User Id and new updated value of Activity
Actv Type	The Activity Type Code is the user defined code used to define the type of activity.

- **Section 4:** The Other SAF Activity Section

The heading of this section prints parameter date range.

Field	Description
ActvNbr	The Activity Number is the system assigned number.
User#	Number of the person that caused the activity to occur.
Date	The Activity Date and Time is the time and date for the activity.
ACT	The Activity Action code (Ex. ADD,DEL).
Table	The table name where this activity is impacting.
Value	The field which is modifying.
Old	Old value for the column.
New	New value for the column.

#### Additional Requirements:

- Either DNA 3.2 or the higher version of DNA is available.

#### Configuration Checklist:

Item	Test Environment	Production Environment
Parameters		

**Revisions:**

Date	App Version #	Change
04/2014	1.0.0.0	Documentation updated to meet new user guide template standards
05/18/2011	1.0.0.0	Documentation updated – new logo
05/2011	1.0.0.0	Application Created