fiserv.

SAF Security Audit Report

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:
  o List of SAF Groups and User Information
  o Application Object listing and descriptions
  o Password Maintenance in SAF
  o 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 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

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

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_EMSAF                                                       Post Date: 01-05-2011
                                                                        Page:  6 of 14


                                      Appl Object Listing

AuthItemCdAuthItemName          ApplTyp  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    ActvCatActvTyp 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_EMSAF                                                          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                    Employee SAF Report              Run Date:  05-02-2011
Report:  AP_EMSAF                                                             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