

Enhancements and Fixes 8.3.1

(everything since 8.3 initial release)

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Note

Every enhancement and fix in this list will be denoted by the first release containing it in round brackets e.g. (8.3.1). Items that were introduced in a PTF issued prior to the release, will be additionally denoted by the PTF name in square brackets e.g. [ENF8300_1].

Enhancements

General

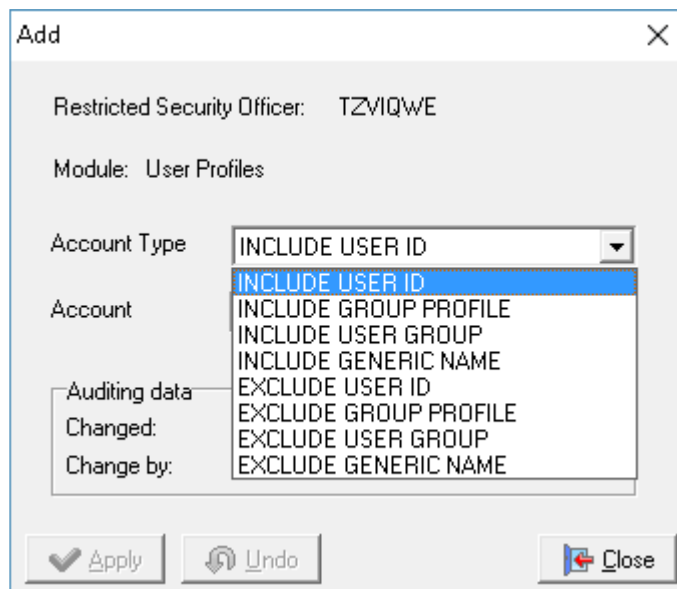
1. Installation program BSFHAROLC now supports password rules parameter when moving from one machine to another. Also redundant sections removed (8.3.1)
2. On installation, current user is now automatically added as a supervisor user in the GUI (8.3.1)
3. User for Apache HTTP instance changed to new low authority user ENFORCEGUI instead of system users QTMHTTP and QTMHTTP1 used previously (8.3.1)
4. File Group window now resizable (8.3.1)

Accelerator Package

5. ISO 17799 compliance policies renamed to ISO 27002 (8.3.1)

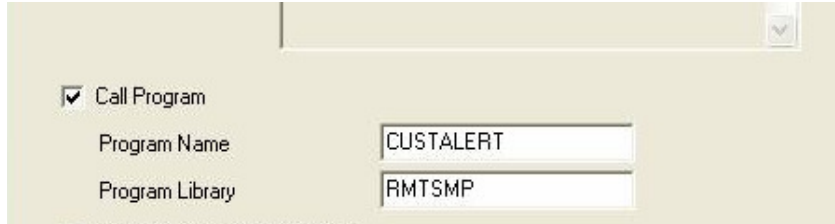
Administration Roles

6. Option added to restricted security officer for exclusion of specified user ID's (8.3.1)



Alert Center

7. File Audit alert type - option for short message (using RMTSMP/CUSTALERT program) (8.3.1)



The screenshot shows a configuration window with a checked checkbox labeled 'Call Program'. Below it, there are two input fields: 'Program Name' containing the text 'CUSTALERT' and 'Program Library' containing the text 'RMTSMP'. A dropdown arrow is visible in the top right corner of the window.

Example of Normal Alert

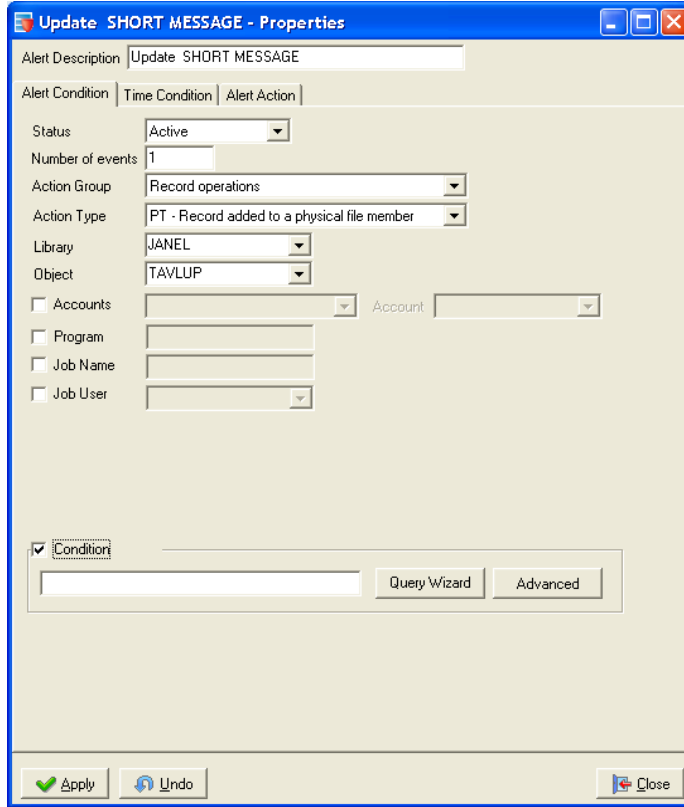
System:SYSTEM69;UP; DATE: 2017-01-29; TIME: 10:58:59;TYPE: FILE AUDIT ALERT;
USER: JANEL; DATA: JOURNAL:JANEL/EXAMPL0108; ACTION TYPE:UP - After image of a
record updated in PFM; FILE:JANEL/TAVLUP;RRN=0000000001;Field: DAYSUN Previous
Value: SUNDAY New Value: SUNDAY1; Field: DAYMON Previous Value: MONDAY New
Value: MONDAY1;

Example of Short Alert (using program CUSTALERT)

System:SYSTEM69;UP with cust; DATE: 2017-01-29; TIME: 10:50:56;Previous Value:
20160102 New Value: 20170102; Previous Value: 20160102 New Value: 20170102;

Specifying this program for other alert types will do nothing.

8. File Audit alert type - condition option added to alert condition for add and delete operations (now all action types PT PX DL DR) (8.3.1)



9. Formatting of new action types CA, CO, DO, ZR, ZC now supported (8.3.1)

- System Audit alert type, CP action type (User profile changed, created, or restored) new optional selection criteria: Limit Capabilities, Special Authority, Special Group Authority, and option to select “any subtype” for action subtype.

start - Properties

Alert Description: start

Alert Condition | Time Condition | Alert Action

Status: Active

Number of events: 1

Action Group: *SECURITY - Security tasks

Action Type: CP - User profile changed, created, or restored

Action

Accounts: Account

Library

Object Type

Object: (name or generic)

Program

Job Name

Job User: Account

IP Address Range: From To

Omit IP Address Range: From To

Optional

Field Selection: Limit Capabilities

*NO

Action Subtype: ANY SUBTYPE

Changed account: Account

Password change

Default password

Disable user profile change

Apply Undo Close

Application Access Control

11. New mechanism of temporarily working with high authority - inherit (8.3.1)

#ELI - Account Swap / Inherit

Check Date and Time
From Date: 06/12/2016 To: 06/12/2016
From Time: 00:00:00 To: 23:59:59

Maximum Time Minutes 1 - 999

Submit Report at end session
Swap Report

Interactive Session Inherit From ADAM

Check Date and Time
Date: From Time: To:

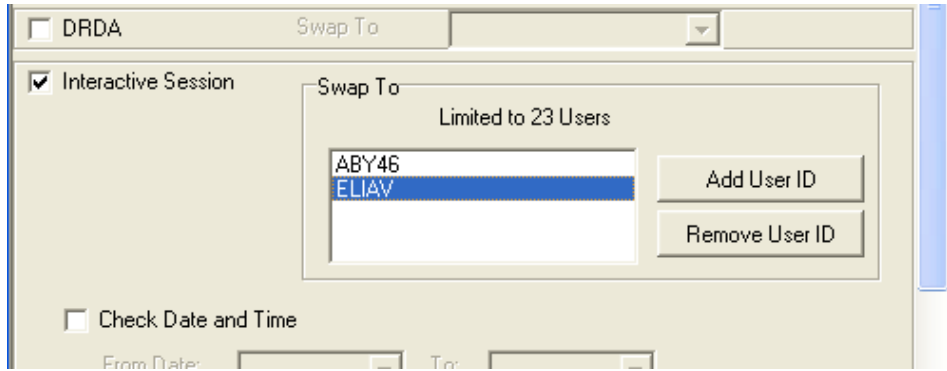
Maximum Time Minutes 1 - 999

Activate SQL Statement Audit

Submit Report at end session
Inherit Report Inherit report for user

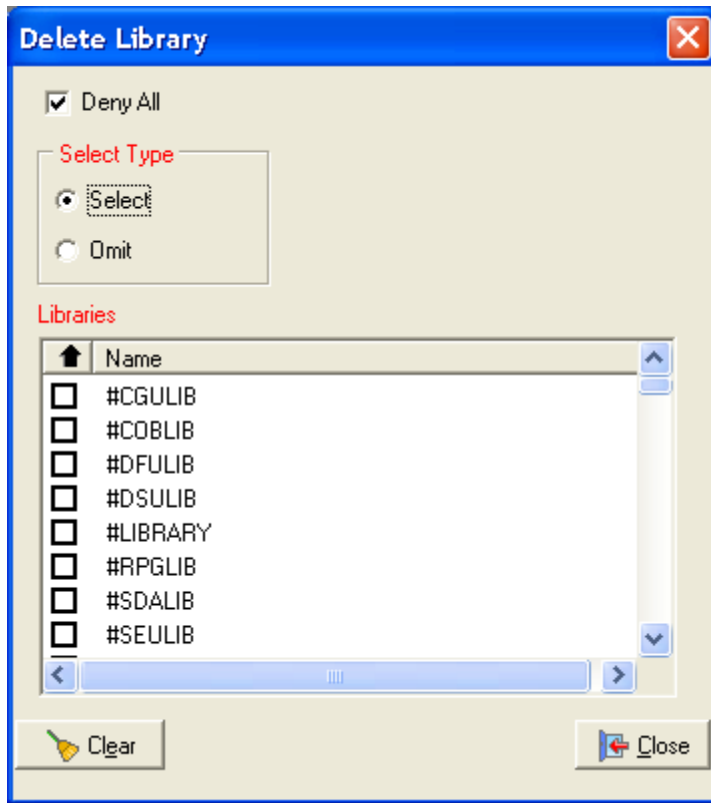
Apply Undo Swap List Close

12. Multiple users can now be specified for swap to - permissions are combined (8.3.1).

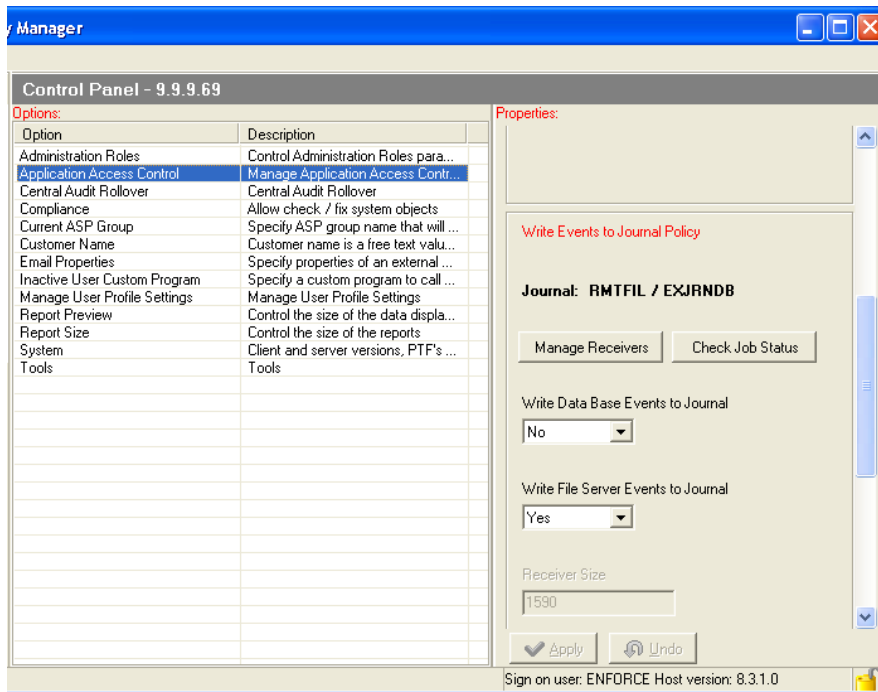


13. New deny all option for FTP and new permissions screen format (8.3.1)

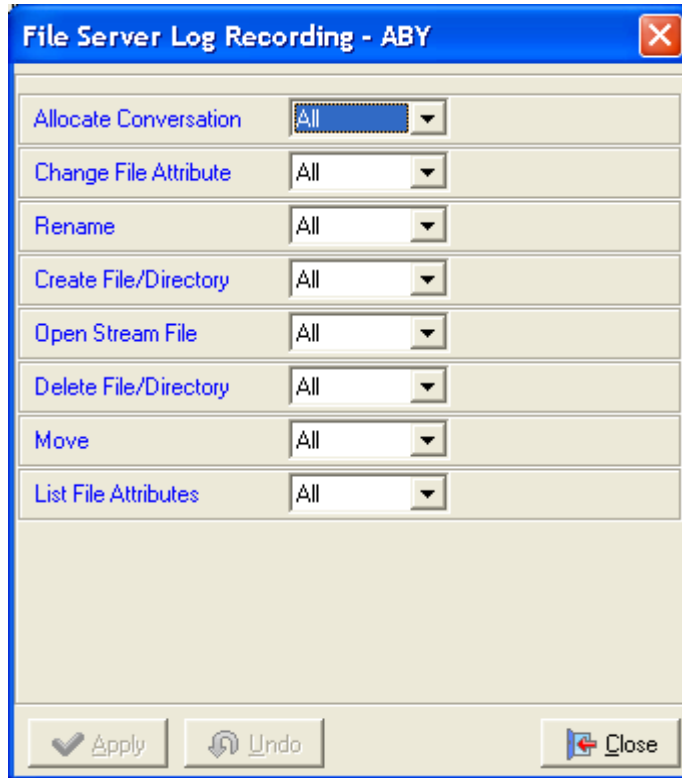




- File Server - option of logging events to journal and later update Central Audit file (as done already for database server) (8.3.1)



- Log recording for file server can now be set for each function (8.3.1)



Application Audit

16. Report from Application Audit filtered screen (8.3.1)

The screenshot shows the 'Application Audit - 9.9.9.69' application. At the top, there are icons for file operations and a 'Timeout (sec)' dropdown set to 60. Below this is a 'Log' tab and a 'Statistics' tab. The main area is a table with the following columns: Date, Time, User, IP Address, Application Server, Function, Success / Reject, and Job Name. The table contains 25 rows of log entries, all with a 'SUCCESS' status. To the right of the table is a sidebar with various filters: Status (dropdown), User (generic) (dropdown), IP Address (dropdown), Computer (dropdown), Swap Events (checkbox), User Group (dropdown with 'Include' and 'Exclude' radio buttons), Commands (dropdown), Interface Type (checkboxes for ODBC, JDBC, Excel, NET), and Job ID (dropdown).

Date	Time	User	IP Address	Application Server	Function	Success / Reject	Job Name
12/01/2017	15:18:29	JANEL	9.9.9.179	COMMAND CO...	COMMAND CALL	SUCCESS	QPADEV000C
12/01/2017	15:18:10	JANEL	9.9.9.179	SYSTEM_REQ...	SYSTEM_REQ...	SUCCESS	QPADEV000C
12/01/2017	15:13:11	JANEL	9.9.9.179	COMMAND CO...	COMMAND CALL	SUCCESS	QPADEV000C
12/01/2017	15:12:11	JANEL	9.9.9.56	FTP CLIENT	SEND FILES	SUCCESS	QPADEV000C
12/01/2017	15:11:52	JANEL	9.9.9.56	FTP CLIENT	SEND FILES	SUCCESS	QPADEV000C
12/01/2017	15:11:37	JANEL	9.9.9.56	FTP CLIENT	SEND FILES	SUCCESS	QPADEV000C
12/01/2017	15:11:25	JANEL	9.9.9.56	FTP CLIENT	SET DIR	SUCCESS	QPADEV000C
12/01/2017	15:11:15	JANEL	9.9.9.56	FTP CLIENT	FTP CLIENT	SUCCESS	QPADEV000C
12/01/2017	15:05:22	JANEL	9.9.9.179	COMMAND CO...	COMMAND CALL	SUCCESS	QPADEV000C
12/01/2017	15:01:53	JANEL	9.9.9.179	SYSTEM_REQ...	SYSTEM_REQ...	SUCCESS	QPADEV000C
12/01/2017	15:01:34	JANEL	9.9.9.179	SYSTEM_REQ...	SYSTEM_REQ...	SUCCESS	QPADEV000C
12/01/2017	14:58:25	JANEL	9.9.9.179	COMMAND CO...	COMMAND CALL	SUCCESS	QPADEV000B
12/01/2017	14:57:38	JANEL	9.9.9.179	SYSTEM_REQ...	SYSTEM_REQ...	SUCCESS	QPADEV000C
12/01/2017	14:53:55	JANEL	9.9.9.179	COMMAND CO...	COMMAND CALL	SUCCESS	QPADEV000B
12/01/2017	14:53:21	JANEL	9.9.9.179	COMMAND CO...	COMMAND CALL	SUCCESS	QPADEV000B
12/01/2017	14:51:55		9.9.9.173	TELNET	TELNET TERMI...	SUCCESS	QTVDEVICE
12/01/2017	14:37:07	JANEL	9.9.9.179	COMMAND CO...	COMMAND CALL	SUCCESS	QPADEV000C
12/01/2017	14:36:50	JANEL	9.9.9.179	COMMAND CO...	COMMAND CALL	SUCCESS	QPADEV000C
12/01/2017	14:33:47	JANEL	9.9.9.179	COMMAND CO...	COMMAND CALL	SUCCESS	QPADEV000C
12/01/2017	14:32:52	JANEL	9.9.9.179	COMMAND CO...	COMMAND CALL	SUCCESS	QPADEV000C
12/01/2017	14:30:30		9.9.9.173	TELNET	TELNET TERMI...	SUCCESS	QTVDEVICE
12/01/2017	14:26:48	JANEL	9.9.9.179	COMMAND CO...	COMMAND CALL	SUCCESS	QPADEV000C
12/01/2017	14:25:32	JANEL	9.9.9.179	COMMAND CO...	COMMAND CALL	SUCCESS	QPADEV000B
12/01/2017	14:20:03	JANEL	9.9.9.179	SYSTEM_REQ...	SYSTEM_REQ...	SUCCESS	QPADEV000B

Central Audit

- System Audit event extraction internal mechanism changed - transparent to the user - as preparation for future enhancement (8.3.1)

Data Providers

- SFTP protocol added to IFS destination type (8.3.1)
- Output to syslog, connection type SSL (8.3.1)
- System Audit actions CA CO DO ZR ZC added (8.3.1)

Encryption

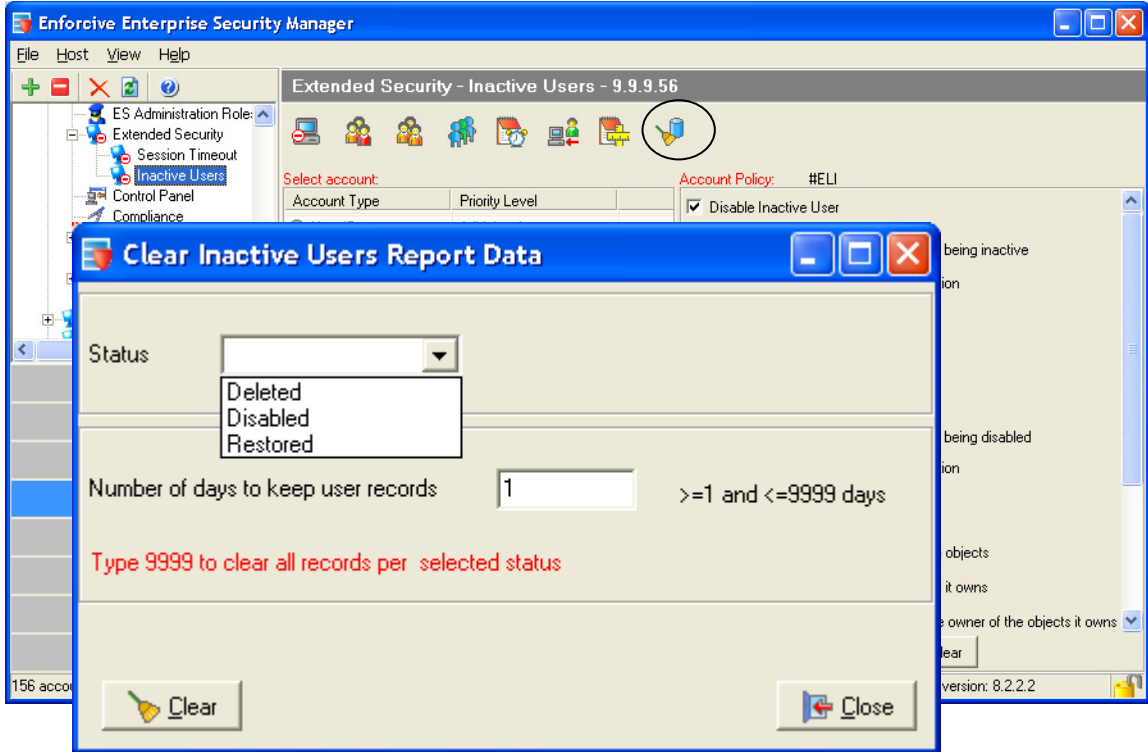
- RCAC field masking added for fields that are not supported by field procedures (8.3.1)
- IFS encryption added (8.3.1)

Green Screen Menu

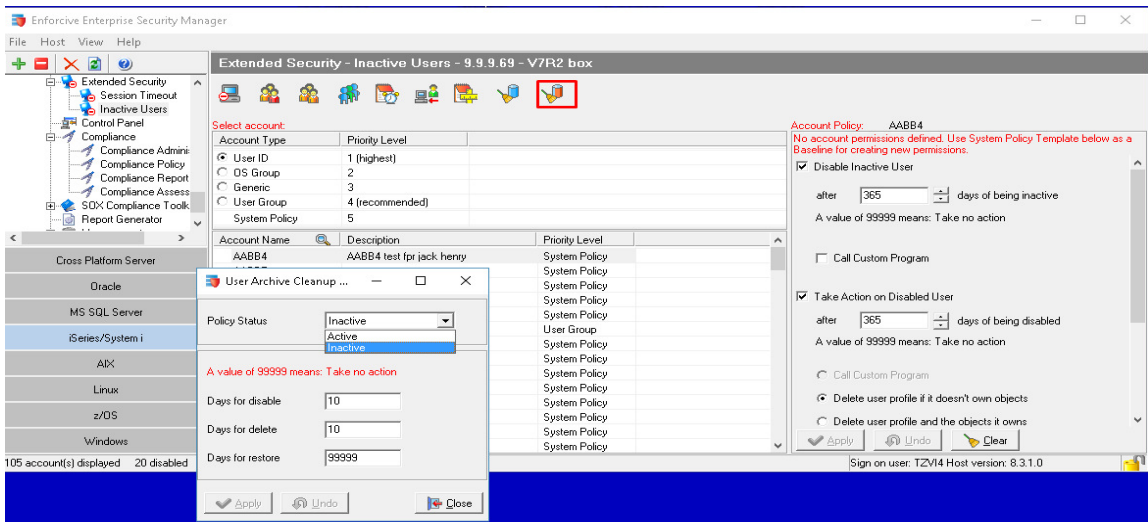
- Reports > Account Permission report: Event detail now included in the report. (8.3.1)

Inactive Users

- Function added to clear inactive user data (8.3.1)

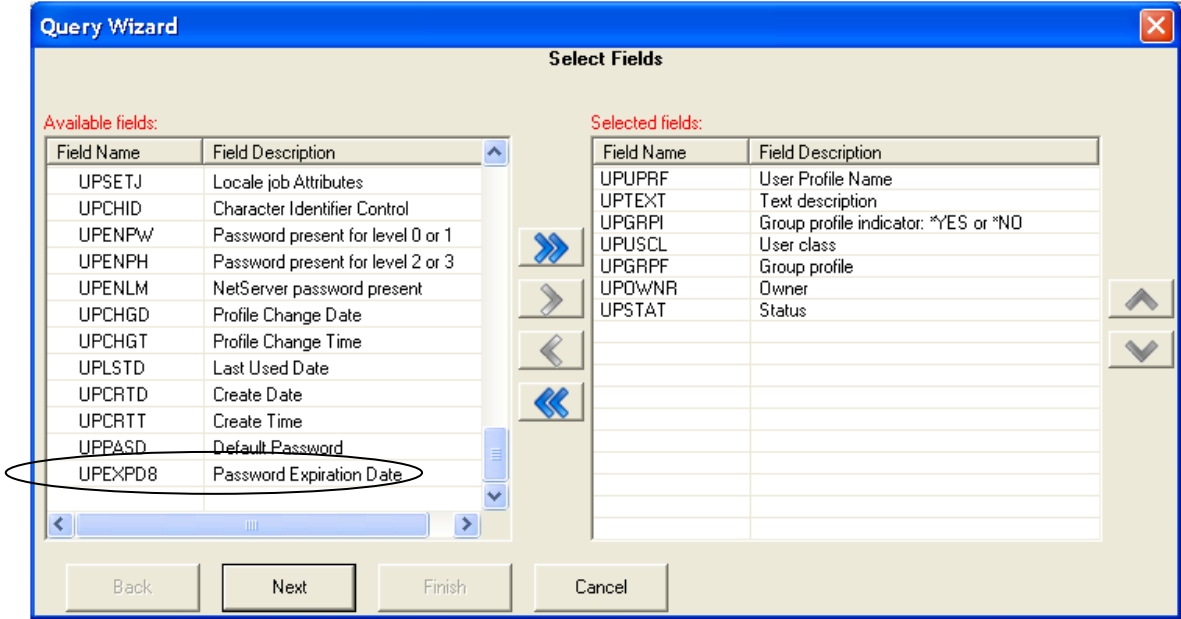


25. Function added User Archive Cleanup Policy, which lets you define a Policy to clear Inactive Users data by a scheduled job. (8.3.1)



Report Generator

26. Report type User Profile: Password expiration data added to selection criteria (8.3.1)



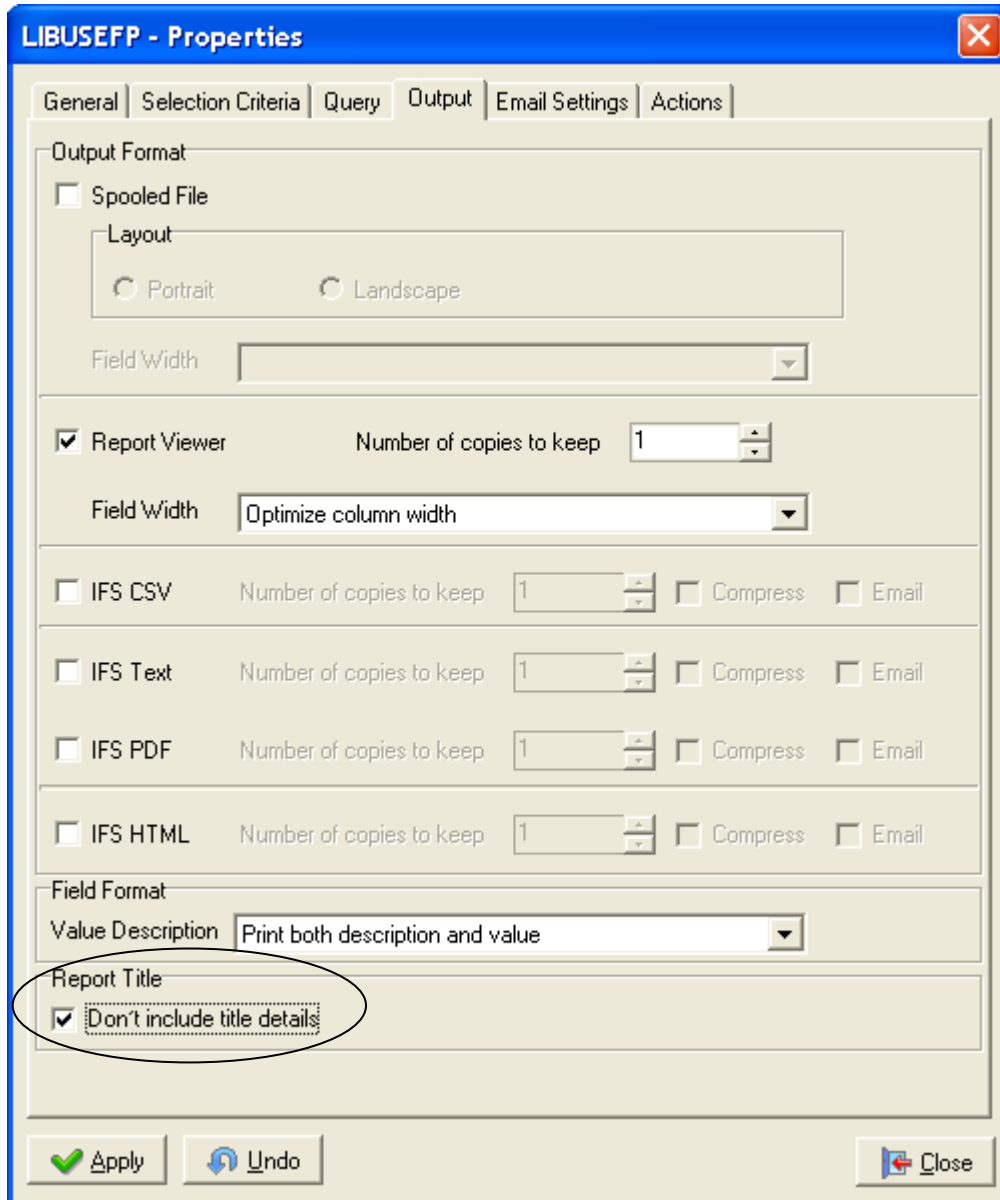
27. New report type Swap Settings (8.3.1)

System	Account	Target User	Description	Swap Date from	Swap Time from	Swap Date to	Swap Time to	Maximum Time	Submit Report	Report Number	Activate SQL	Server Code	Account type	Ass
SYSTEM56	HPA_DRDA	#ELI		00000000	00:00:00			0003	N		N	8-Interactive Session	G-User Group	AB* AB* QSI
SYSTEM56	HPA_DRDA	#JANE		00000000	00:00:00			0003	N		N	8-Interactive Session	G-User Group	AB* AB* QSI
SYSTEM56	HPA_DRDA	AABB		00000000	00:00:00			0003	N		N	8-Interactive Session	G-User Group	AB* AB* QSI
SYSTEM56	HPA_DRDA	ABY		00000000	00:00:00			0003	N		N	8-Interactive Session	G-User Group	AB* AB* QSI
SYSTEM56	HPA_DRDA	ABYCOPY		00000000	00:00:00			0003	N		N	8-Interactive Session	G-User Group	AB* AB* QSI
SYSTEM56	HPA_DRDA	ABYHELPD		00000000	00:00:00			0003	N		N	8-Interactive Session	G-User Group	AB* AB* QSI
SYSTEM56	HPA_DRDA	ABYHELPD2		00000000	00:00:00			0003	N		N	8-Interactive Session	G-User Group	AB* AB* QSI
SYSTEM56	HPA_DRDA	ABYTEST11		00000000	00:00:00			0003	N		N	8-Interactive Session	G-User Group	AB* AB* QSI
SYSTEM56	HPA_DRDA	ABYTS1		00000000	00:00:00			0003	N		N	8-Interactive Session	G-User Group	AB* AB* QSI
SYSTEM56	HPA_DRDA	ABY1		00000000	00:00:00			0003	N		N	8-Interactive Session	G-User Group	AB* AB* QSI
SYSTEM56	HPA_DRDA	ABY11		00000000	00:00:00			0003	N		N	8-Interactive Session	G-User Group	AB* AB* QSI
SYSTEM56	HPA_DRDA	ABY1234		00000000	00:00:00			0003	N		N	8-Interactive Session	G-User Group	AB* AB* QSI

28. New report type Account Inherit Activity (8.3.1)

Inherit report												
File View												
PDF	HTML	CSV	Edit	Save	Delete							
Serial Number	Start Inherit...	Start In...	S...	Description	Source User	Target User	Application	Action Code	IP Address	Action Type	Entry Specific Data	
565EC6ED	05/10/2016	12:25:30		test	BJANE	BJANE	A-Application Audit	91-INHERIT	9.9.9.179	8-INTERACTIVE_SESS...	Start Inherit	
565EC6ED				test	BJANE	BJANE	S-System Audit	C-Command run	9.9.9.179	CD-Command String Audit	CMD = QSYS\WRKACTJOB;WRKACTJOB	
565EC6ED				test	BJANE	BJANE	S-System Audit	M-Modify profile or group profile	9.9.9.179	JS-Actions that Affect Jo...	Type: Job Task; User: BJANE; Data: Job QPADEV002/4#	
565EC6ED				test	BJANE	BJANE	S-System Audit	C-Command run	9.9.9.179	CD-Command String Audit	CMD = QSYS\RTVJOB; RTVJOB;JOB;JOB) USER;BJO	
565EC6ED				test	BJANE	BJANE	S-System Audit	D-Unsupported interface, object dom...	9.9.9.179	AF-Authzication Failures	OBJECT = QSYS\DCICRTVJA; TYPE = *PGH	
565EC6ED				test	BJANE	BJANE	S-System Audit	C-Command run	9.9.9.179	CD-Command String Audit	CMD = QSYS\QVRDBF;QVRDBF FILE(SADTLSP) TOFILE	
565EC6ED				test	BJANE	BJANE	S-System Audit	C-Command run	9.9.9.179	CD-Command String Audit	CMD = QSYS\QVRDBF;QVRDBF FILE(SACONST) TOFILE	
565EC6ED				test	BJANE	BJANE	S-System Audit	C-Command run	9.9.9.179	CD-Command String Audit	CMD = QSYS\RTVSYVAL;RTVSYVAL;SYVAL;QDATE	
565EC6ED				test	BJANE	BJANE	S-System Audit	C-Command run	9.9.9.179	CD-Command String Audit	CMD = QSYS\QVTDAT;QVTDAT DATE(051015) TOVARJ	
565EC6ED				test	BJANE	BJANE	A-Application Audit	01-SYSTEM_REQUEST	9.9.9.179	X-SYSTEM_REQUEST	SYSTEM REQUEST KEY WAS PRESSED	
565EC6ED				test	BJANE	BJANE	S-System Audit	C-Command run	9.9.9.179	CD-Command String Audit	CMD = QSYS\QVRDBF;QVRDBF FILE(HSFEPRFS) TOFIL	
565EC6ED				test	BJANE	BJANE	S-System Audit	C-Command run	9.9.9.179	CD-Command String Audit	CMD = *NLVLBL/DSPMSG; *NLVLBL/DSPMSG MSGQIQ	
565EC6ED				test	BJANE	BJANE	S-System Audit	M-Modify profile or group profile	9.9.9.179	JS-Actions that Affect Jo...	Type: Job Task; User: BJANE; Data: Job QPADEV002/4#	
565EC6ED				test	BJANE	BJANE	S-System Audit	C-Command run	9.9.9.179	CD-Command String Audit	CMD = QSYS\WRKOUTQ;WRKOUTQ	
565EC6ED				test	BJANE	BJANE	S-System Audit	C-Command run	9.9.9.179	CD-Command String Audit	CMD = *SYSTEM\WRKOUTQ;X: *SYSTEM\WRKOUTQ C	
565EC6ED				test	BJANE	BJANE	S-System Audit	C-Command run	9.9.9.179	CD-Command String Audit	CMD = *SYSTEM\DLTSPLF; *SYSTEM\DLTSPLF FILE(DP	
565EC6ED				test	BJANE	BJANE	S-System Audit	C-Command run	9.9.9.179	CD-Command String Audit	JOB\$SYNAME(S65EC6ED) CRTDATE(05102016 095615)	
565EC6ED				test	BJANE	BJANE	S-System Audit	D-Spoiled file deleted	9.9.9.179	SF-Actions to Spoiled Fi...	Type: SF; User: BJANE; Data: DQ04079N0050SPL *TIL	
565EC6ED				test	BJANE	BJANE	S-System Audit	D-Spoiled file deleted	9.9.9.179	SF-Actions to Spoiled Fi...	Q02456786QPADEV002800018SPRINT BORIS 0000	
565EC6ED				test	BJANE	BJANE	S-System Audit	D-Spoiled file deleted	9.9.9.179	SF-Actions to Spoiled Fi...	QPADEV002BJANEL	
565EC6ED				test	BJANE	BJANE	S-System Audit	C-Command run	9.9.9.179	CD-Command String Audit	004064	
565EC6ED				test	BJANE	BJANE	S-System Audit	D-Spoiled file deleted	9.9.9.179	SF-Actions to Spoiled Fi...	CMD = *SYSTEM\DLTSPLF; *SYSTEM\DLTSPLF FILE(DP	
565EC6ED				test	BJANE	BJANE	S-System Audit	D-Spoiled file deleted	9.9.9.179	SF-Actions to Spoiled Fi...	JOB\$SYNAME(S65EC6ED) CRTDATE(05102016 095622)	
565EC6ED				test	BJANE	BJANE	S-System Audit	D-Spoiled file deleted	9.9.9.179	SF-Actions to Spoiled Fi...	Type: SF; User: BJANE; Data: DQ04079N0050SPL *TIL	
565EC6ED				test	BJANE	BJANE	S-System Audit	D-Spoiled file deleted	9.9.9.179	SF-Actions to Spoiled Fi...	Q79336785QPADEV002800028SPRINT BORIS 0000	
565EC6ED				test	BJANE	BJANE	S-System Audit	D-Spoiled file deleted	9.9.9.179	SF-Actions to Spoiled Fi...	QPADEV002BJANEL	
565EC6ED				test	BJANE	BJANE	A-Application Audit	91-INHERIT	9.9.9.179	8-INTERACTIVE_SESS...	004064	
565EC6ED				test	BJANE	BJANE	A-Application Audit	91-INHERIT	9.9.9.179	8-INTERACTIVE_SESS...	Stop Inherit	

29. Option to omit report extended header information from report (8.3.1)



30. New report type Administration Roles (8.3.1)

System	User	User Profile Name	Type	Roles	Module Name	Account type	Account	Display	Add	Delete	Change	Execute	Allow ALL Users
65EC6ED	ABY11		ES Users	Supervisor									
65EC6ED	DM_SST		OS User Profile	Supervisor									
65EC6ED	ELI	ELI CHECKS THE PTF#19	OS User Profile	Restricted Security Officer	ABSFREPG.BPL-Report Generator	User Group	ADMIN	Y	N	N	N	N	Y
65EC6ED	ELI	ELI CHECKS THE PTF#19	OS User Profile	Restricted Security Officer	ABSFUSPR.BPL-User Profiles	User ID	SHATSE	Y	N	N	N	N	Y
65EC6ED	ELI	ELI CHECKS THE PTF#19	OS User Profile	Restricted Security Officer	ABSFUSPR.BPL-User Profiles			Y	N	N	N	N	Y
65EC6ED	ELI	ELI CHECKS THE PTF#19	OS User Profile	Restricted Security Officer	ABSFUSPR.BPL-User Profiles			Y	N	N	N	N	Y
65EC6ED	ELI	ELI CHECKS THE PTF#19	OS User Profile	Restricted Security Officer	ABSFUSPR.BPL-User Profiles			Y	N	N	N	N	Y
65EC6ED	ELI	ELI CHECKS THE PTF#19	OS User Profile	Restricted Security Officer	ABSFUSPR.BPL-User Profiles			Y	N	N	N	N	Y
65EC6ED	ELI	ELI CHECKS THE PTF#19	OS User Profile	Restricted Security Officer	ABSFUSPR.BPL-User Profiles			Y	N	N	N	N	Y
65EC6ED	ELI	ELI CHECKS THE PTF#19	OS User Profile	Restricted Security Officer	ABSFUSPR.BPL-User Profiles			Y	N	N	N	N	Y
65EC6ED	ELI	ELI CHECKS THE PTF#19	OS User Profile	Restricted Security Officer	ABSFUSPR.BPL-User Profiles			Y	N	N	N	N	Y
65EC6ED	ELI	ELI CHECKS THE PTF#19	OS User Profile	Restricted Security Officer	ABSFUSPR.BPL-User Profiles			Y	N	N	N	N	Y
65EC6ED	ELI	ELI CHECKS THE PTF#19	OS User Profile	Restricted Security Officer	ABSFUSPR.BPL-User Profiles			Y	N	N	N	N	Y
65EC6ED	ELI	ELI CHECKS THE PTF#19	OS User Profile	Restricted Security Officer	ABSFUSPR.BPL-User Profiles			Y	N	N	N	N	Y
65EC6ED	JANE		ES Users	Restricted Security Officer	ABSFALRT.BPL-Alert Center			Y	Y	Y	Y	Y	Y
65EC6ED	JANE		ES Users	Restricted Security Officer	ABSFEXSC.BPL-Extended Security			Y	Y	Y	Y	Y	Y
65EC6ED	JANE		ES Users	Restricted Security Officer	ABSFREPG.BPL-Report Generator			Y	Y	Y	Y	Y	Y

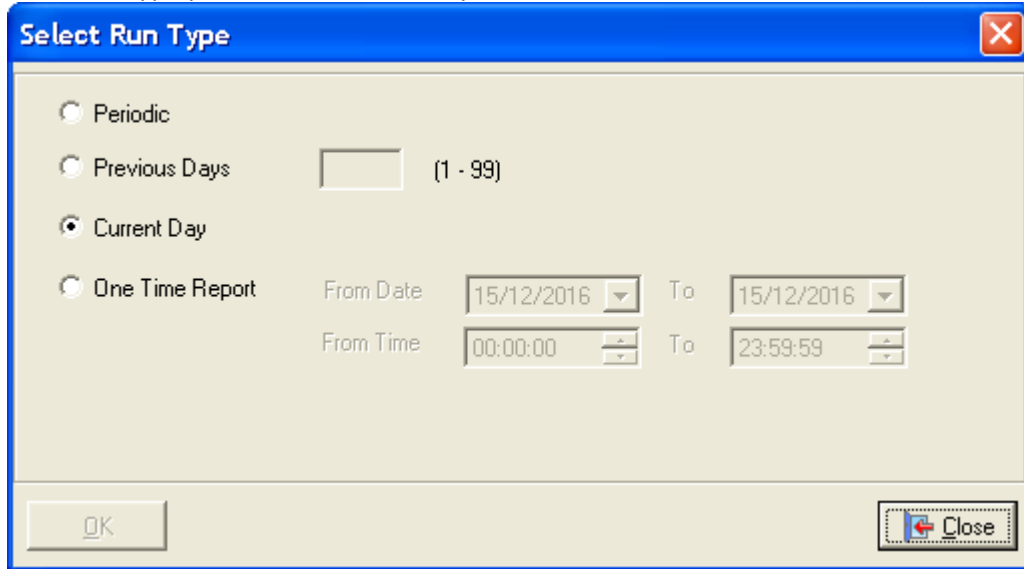
31. Report type Data Provider Settings can now be run for multiple systems (8.3.1)

Description	Status	Buffer ...	Number of Files	IP Add...	Last Read Event	Last Periodic Event	Condition Criteria Value
Application Audit	ACTIVE	10	10		2016-07-26-12.4...	2016-07-21-14.57.10...	Account:Select All; Event Type:SELECT ALL; Application List:Select ALL; Condition:Not Specified;
Encryption	INACTI...	1,000	1,000		2016-07-25-17.4...		Encryption Type:Select A...
History Log	INACTI...	10,000	1,000				Account:Select All; Condition:Not Specified;
SQL Audit	ACTIVE	10,000		9.9.9.1...			Action Type:ALL;
System Audit	ACTIVE	100	100		2016-07-14-10.5...		Account:Select All; Action Group:Not Specifi... Object Group:NONE; Condition:Not Specified;

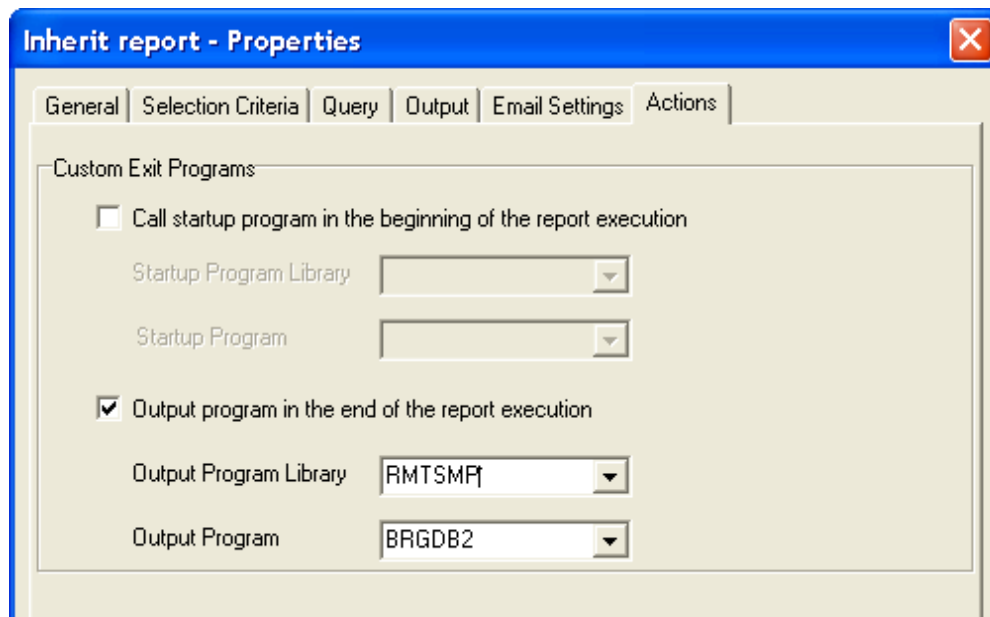
32. 7 New sample reports for Custom File report type (8.3.1)

- Enforcive Inactive Users - Deleted Users Listing
- OUTFILE Menu Opt #1 - Object Information
- OUTFILE Menu Opt #1 - File Information
- OUTFILE Menu Opt #1 - File Trigger Information
- OUTFILE Menu Opt #1 - Obj Auth by Type for Libs
- OUTFILE Menu Opt #2 - Library Summary Info
- OUTFILE Menu Opt #3 - Largest Objects by Size
- OUTFILE Menu Opt #1 - File Info - REORG

33. New Run Type parameter 'Current Day', which will now be the default (8.3.1)



34. Option to create a DB2 file using supplied program BRGDB2 (8.3.1)



35. New available fields were added to the IFS Authority Report: Add authority, Delete authority, Execute authority, Object operational authority, Read authority and Update authority (8.3.1)

SQL Audit

- 36. Number of rows affected added to event detail for insert, update and delete actions (8.3.1)

System Audit

- 37. Curavlchn receiver option added to report definition (8.3.1)

Change Report Definition

Report Number: 68 Report Description: ELIF61 IFS DATA REPORT

Report Data: Journal Receivers

Report Type

Periodic

One Time report

From Date: 01/01/2012 To: 31/12/2012

From Time: 06:00:00 To: 23:59:59

Action Group

Custom IFS ACTION

Standard

Action Group: *AUTFAIL - Authorization failures

Action Type: AF - Authority failure

Action

Account Type: USER ID

Account

Receiver: *CURCHAIN - All receivers in the chain

Library: *CURCHAIN - All receivers in the chain, SFARGNRL/AUDRCV1033 - Attached, SFARGNRL/AUDRCV1032 - Saved, SFARGNRL/AUDRCV1031 - Saved

Object: (name of agency)

Program

Job ID

Job Name

User

Number

Sort Order: Date;Time

Application Audit data provider settings

General | Data Source | Collection Policy | **Destination**

Connection type: IFS Files

IFS Output Directory: /openf

Number of files: 10

Buffer size: 10

Transfer files to remote server: No

Protocol: FTP

Server IP Address/name: BSAFE61

Server Port: 21 Default: FTP Port is 21, SFTP port is 22

Destination IFS Output Directory: /openf

Delete files after transfer: Yes

Server Login (optional for SFTP):

User Profiles

- 38. New parameters added to replication type Delete User (8.3.1)

Fixes

General

1. User ENFREP now not created automatically (8.3.1)

Administration Roles

2. Correction for List of restricted users, when GROUP PROFILE type account specified (8.3.1)

Alert Center

3. System Audit alert - automatic disabling of user profile (8.3.1) now working
4. Message Queue alert now working correctly when job name and job user specified on definition.

Application Access Control / Exit Programs

5. Remote Command - crash due to heap space exceeded fixed (8.3.1) [ENF8300_2]
6. File Protection - multi-thread processing fixed (8.3.1) [ENF8300_2]
7. Swap report and swap session - various fixes (8.3.1) [ENF8300_2]
8. Problem of missing environment type resolved (8.3.1)
9. Database write to journal - various fixes (8.3.1)
10. Database. Environment parameter now working correctly in all cases. (problem of empty environment values solved by SQL API - from V7R1)
11. User profile exit program efficiency improvements (8.3.1)
12. Storage limit message exit program now working (8.3.1)
13. Command Control activation status is now correct (8.3.1)

Central Audit

14. System Audit events - support added for OS V7R3M0 (8.3.1) [ENF8300_2]
15. System Audit event extraction internal mechanism changed - transparent to the user, preparation for future enhancement) (8.3.1)
16. Extract of history log data using a custom message group extracted messages that were not in group - fixed (8.3.1)

Compliance

17. Object Auditing: Fix to Check Deviations on remote systems (8.3.1) [ENF8300_1]
18. IFS Object Auditing: Fix to Check Deviations on remote systems (8.3.1) [ENF8300_1]
19. All categories: Fix to Check Deviations after a system is removed from Management > Remote Systems > Systems (8.3.1) [ENF8300_1]
20. Compliance Check System Values for remote servers: Log the system name and IP address of a remote server if retrieved, otherwise log a message (8.3.1) [ENF8300_1]
21. Support for the current SSL protocols & for the current cipher specification list (8.3.1) [ENF8300_1]
22. Check Adopted Authority: Adapt to enable copying from OS V7R1 to OS V5R4 (8.3.1) [ENF8300_1]
23. Added support for DDM user without special authorities in Compliance policies containing remote systems (8.3.1) [ENF8300_1]
24. Check System Value: Fix deviations check for System Value QSSLPCL (8.3.1) [ENF8300_1]
25. Check System Value: Handle System"*LOCAL" as the Local System (8.3.1) [ENF8300_1]
26. Check System Value: Remote jobs – check if the work file exists & create it if it doesn't exist (8.3.1) [ENF8300_1]
27. All Categories: Define *LOCAL Template Creation Mode (8.3.1) [ENF8300_1]
28. All Categories: In case the Template Creation Mode was changed & a GUI session remained open & then the GUI creates a Template for the previous *LOCAL system: Send a warning message to re-enter the GUI (8.3.1) [ENF8300_1]
29. Define added values for system value QSSLCSL (8.3.1) [ENF8300_1]
30. Add Compliance Categories to the deletion of a Policy (8.3.1) [ENF8300_1]
31. Check Adopted Authority: If Check Deviations executed from an OS V5R4 box to an OS V7R1 box the job aborted because of different file formats (8.3.1) [ENF8300_1]
32. Check Group Members: If Check Deviations executed remotely & the remote DDM user had no special authority to execute the remote commands: The commands failed because of a lack of authority (8.3.1) [ENF8300_1]
33. IFS Object Authority: If "Read Only" is set to "Not Specified" no View Results will be displayed; Fix Authority will display information about deleted users; If Fix IFS authority had no object authorities for a user this was recorded incorrectly (8.3.1) [ENF8300_1]
34. All connected templates now deleted when policy deleted.
35. Logged results were not always in accordance with the set policy logging level - both View Check Results and View Fix Results (8.3.1)
36. User Auditing template, check done on remote servers with a DDM user having inadequate authority didn't execute. Fixed (8.3.1)
37. User Auditing and User Profile templates, when selecting account type group profile, supplemental groups now included in dropdown list (8.3.1)
38. TCP/IP template. When fix submitted with no fix results (8.3.1)
39. Handling of case where main Central Audit file damaged (8.3.1)

Data Provider

40. System Audit Data Provider receiver name now correct (8.3.1)
41. Job date format changed to *YMD (8.3.1)
42. Performance improvement in creation of IFS file output (8.3.1)

- 43. Application Audit problem of output missing events (certain applications) to Syslog fixed (8.3.1)
- 44. System Audit collection policy, selection by custom action group now working correctly (8.3.1)

File Audit

- 45. Incorrect selection of fields to be included in File Audit report - in the case of 2 file groups specified - now fixed (8.3.1) [ENF8300_2]
- 46. Report - when a specific file was specified in the report definition, the report did not produce results, now fixed (8.3.1)
- 47. Various fixes in report including correct selection of fields, and unhandled exception conditions (8.3.1)

Firewall

- 48. Various fixes for outgoing connection (8.3.1) [ENF8300_2]

Green screen commands

- 49. Find fields by string: Copy necessary objects (8.3.1) [ENF8300_1]
- 50. Set IASP now working correctly

Green screen reports

- 51. SWR status was incorrect for the IP address account option - now fixed. (8.3.1)

Inactive Users

- 52. When restoring deleted users, if the user to be restored has a group profile or 1 or more supplemental groups, these will now be restored together with the user. The owner of the restored user profiles will be the GUI user (8.3.1) [ENF8300_1]

LPAR Replication

- 53. Extended Security module now included in replication (8.3.1) [ENF8300_1]
- 54. Correction for program replicating data on target computer (workaround on possible locks) (8.3.1) [ENF8300_1]
- 55. Locks now avoided when packing and unpacking objects intended for data transfer (8.3.1) [ENF8300_1]
- 56. Report definitions now replicated properly

Object Authorities

57. Program crash due to file size limit fixed (8.3.1)

Report Generator

58. Application Audit report type - incorrect data displayed when periodic and system group specified, now fixed (8.3.1) [ENF8300_2]
59. System Audit report type - support added for OS V7R3M0 (8.3.1) [ENF8300_2]
60. Large Object Information report type fixed (8.3.1) [ENF8300_1]
61. Output Condition fixed (8.3.1) [ENF8300_1]
62. User Profile report type Fixed for remote servers (8.3.1) [ENF8300_1]
63. User Profile report type: "PASSWORD EXPIRED" column now has the same value as in the DSPUSRPRF and CHGUSRPRF commands (note that this is taken from "Password set expired by command" on the OS version V6R1 and higher and from "Set password to expired" on prior versions) (8.3.1) [ENF8300_1]
64. User Profile Report Type: MAX STORAGE column now displayed in the report as *NOMAX when the "Maximum storage allowed" parameter of the DSPUSRPRF command is *NOMAX (8.3.1) [ENF8300_1]
65. CODED CHARACTER SET IDENTIFIER now appears in the report as *SYSVAL when the "Coded character set identifier" parameter of the DSPUSRPRF command is *SYSVAL (8.3.1) [ENF8300_1]
66. Program Information report type: Retrieval of information from remote systems now fixed (8.3.1) [ENF8300_1]
67. Central Audit report: Work environment now correct (8.3.1) [ENF8300_1]
68. CPA reports: Program BRWMAIN fixed (8.3.1) [ENF8300_1]
69. Dataflow report type – Work environment now correct (8.3.1) [ENF8300_1]
70. Swap report type - report now provided correctly at the end of swap session; fix to description of swap; fix to actions of system audit in the report (8.3.1) [ENF8300_1]
71. Report Groups: IFS files from the Report Group will now be written in the specified IFS directory when not set to "Use Global Settings" (8.3.1) [ENF8300_1]
72. Object Authority report type: File BRGSQLFIL size property changed to *NOMAX (8.3.1) [ENF8300_1]
73. Field Masking: Retrieval of information (8.3.1) [ENF8300_1]
74. System Audit (Detailed) type for Remote system. Check Control Panel Report Size option System Audit Maximum Events to Process parameter. (8.3.1) [ENF8300_1]
75. All Report Generator Report Types used in Risk Assessment with PDF output: The output for previous reports was not cleared, so irrelevant data entered the PDF report. (8.3.1) [ENF8300_1]
76. A fix to the lack of authority when a "simple" DDM user is used to execute remote commands (8.3.1) [ENF8300_1]
77. Report type: Account Swap Activity is now fixed. (8.3.1) [ENF8300_1]
78. File Audit - report group not working. Fixed. (8.3.1) [BRGFILB]
79. Command information report type - new 2 fields added
80. Periodic reports running on multiple systems (i.e. using system group) - problem of incorrect results now fixed.

81. All report types - periodic report run for a selected system group was incorrect - now fixed (8.3.1) [BRG8222_3]
82. Problems in creating report groups now resolved (8.3.1)
83. Insufficient authority for viewing reports in the report viewer fixed (8.3.1)
84. Imported report definitions not working correctly due to different product releases/PTFs now resolved.
85. File Audit report type - field description added to value displayed in 'Field' column in report output.
86. System Audit report type - incomplete list of output lines displayed, warning message displayed (maximum output size - Nomax) now resolved.
87. Large Objects report and Custom Report types (where source taken from green screen options - incorrect display of object size and date format now resolved.
88. Compliance Report - File Share category now reported correctly (8.3.1)

SQL Statement

89. Support added for OS V7R3M0 (8.3.1) [ENF8300_2]

System Audit

90. Support added for OS V7R3M0 (8.3.1) [ENF8300_2]
91. Correction made to completion status of job that extracts the System Audit data to the rollover file (8.3.1) [ENF8300_1]

User Profiles

92. Password of *NONE inserted when, creating, copying or replicating user profiles on OS version V7R2 or higher when the QPWDRULES system value contains *ALLCRTCHG (8.3.1) [ENF8300_1]
93. Generate Password now done according to QPWDRULES system value (8.3.1) [ENF8300_1]
94. Replication > Create & Change & Copy User Profile: Correct the handling of the Group profile and the Supplemental groups, & remove authority of user profile QTMHHTP1 to the user profile being created or changed. (8.3.1) [ENF8300_1]
95. When copying user profile, accounting code was missing. Now included.