

About this service pack

Enterprise Security version [8.4.01.00](#) includes all relevant changes since version 8.4.00.00.

Prerequisites:

- The minimum level required for the IBM i operating system is IBM i V7R1M0.
- Upgrades to Enterprise Security version 8.4.01 are supported from Enterprise Security version 8.2 or higher.

Supported installation processes

This document supports:

- Installing or upgrading the product.
- Pre- and post-install instructions for installing the product.

What's in this service pack


Important changes in 8.4.01.00


Features included in version 8.4.01.00..... 4
Fixes included in version 8.4.01.00 5



Highlights and fixes - service pack 8.4.01.00

These icons indicate:

 A change that may require action. For example, you may need to modify automation programs or exit programs or perform other actions before or after installing the product.

 A change in behavior or a change to the user interface. You should be aware of the change, but no action may be required.

 New function or an enhancement in the indicated software.

Features included in version 8.4.01.00

Application Access Control

SEC-9590 The command BSFONEACT was added to activate and deactivate a single Security exit program from the command line instead of going into the green screen.



The syntax of the command is: RMTOBJ/BSFONEACT SERVER(P) ACTION(N)

The **Server** parameter has the following available options:

A - DRDA

B - COMMANDS

C - RMTCMD

D - DDM

E - FILE_SERVER

F - FTP

G - SIGNON_SERVER

H - TFTP_SERVER

I - CENTRAL_SERVER

J - DELETE_JOURNAL_RECEIVER

K - FILE_PROTECTION

L - FTP_CLIENT_SVR

M - MESSAGE_SERVER

N - NETWORK_PRINT

O - DATABASE

P - PASS_THROUGH
Q - DATA_QUEUE
R - FILE_TRANSFER
S - RMTSQL
T - TELNET
U - ATTN_KEY
V - VIRTUAL_PRINT
W - WSG_LOGON
X - SYSTEM_REQUEST
Y - POWER_DOWN_SYSTEM
Z - STORAGE_LIMIT
5 - COMMAND_CONTROL
6 - SHOWCASE

The **Action** parameter has the following available options:

Y- Active

N- Inactive

Note: Only users who are supervisors or restricted security officers with permission to use the OS/400 Role Manager have access to this command.

Green Screen

SEC-8614 In the Enforcive green screen menu, LPAR replication is now available via TLS/ISSL FTP.



Report Generator

SEC-9327 In the QHST Log report type, Data Source was added to the Selection Criteria. The available options are QHST Log and Central Audit File.



Fixes included in version 8.4.01.00

This list includes all relevant changes and fixes since version 8.4.00:

Alert Center

- SEC-8492 In the System Audit Alert, in the Alert Condition tab of the Add Alert dialog, when Object Type is selected, for object types other than *DIR and *STMF, you can enter the object name or a generic name.
To select object types *DIR or *STMF, do the following:
1) In the Library field, enter *N.
2) In the Object Type field, select *DIR or *STMF.
3) In the Object field, select an IFS link from the dropdown list.
To manage IFS links, use the IFS Manager in the Application Access Control module.
- SEC-9623 A workaround was provided when IBM ignores the exit program on the target node via Power HA in V7R4M0,

For the System Audit alert type where the Action type is CP (under Action Group *SECURITY) or Action type DO (under Action Group *DELETE), for object type *USRPRF, select Call Program and define the program ADDLUSRALC from the RMTOBJ library.

This program deletes the user from RMTFIL/SAUSRP if it exists or creates the user to RMTFIL/SAUSRP if the user was created but is missing from the file.
- SEC-9753 A check is now performed to verify that the Alert Collector jobs which should be active are actually active. If a job is inactive, it is activated.
- SEC-9883 Alert suppression is now available under Global Settings to reduce the number of alerts sent. When the alert throughput exceeds a set threshold, the individual alerts are suppressed and a single alert is sent including a summary of the individual alerts.
- SEC-9887 The Advanced Condition option was removed from the Alert Condition tab in the File Audit alert.

Application Access Control

- SEC-8200 In the Database exit program, the error **RNX0100 Length or start position is out of range** is now fixed.
- SEC-8458 QTEMP is now displayed in the library list.
- SEC-9257 In the Database exit program, large SQL statements are now handled correctly.
- SEC-9671 The library list under Program Call for RMTCMD now displays all the libraries.
- SEC-9762 The Object List (Library List > Object List) now displays all objects from a specific library.
- SEC-9842 In the Database options, when Add, Read, Update or Delete are selected, the Object List (Library List > Object List) now displays only *file objects.
- SEC-9848 In the Database options, the option to define the CLI sub function permission was added. When CLI is selected, the libraries included in the EXECUTE command

are also protected. CLI permissions only apply if you have EXECUTE permissions.

- SEC-9849 In the Database EXECUTE option, a library is correctly retrieved as an external name for an unqualified object name.
- SEC-9958 For File server, the command ADDUSR was enhanced to build the user space if it is missing.
- SEC=10184 In the Database exit program, object group permissions now work correctly.

Central Audit

- SEC-9330 On the System Audit tab in Data Extraction, Get new events retrieves the correct events when Custom Group DO and Object group "ALL OBJECTS are selected in the filter.
- SEC-9914 The PSS Events application is no longer available in the application filter in the Central Audit module.

Compliance

- SEC-10020 When adding a customized object to an object group, you can now enter a generic group or *ALL for the library and object. In addition, a customized object can be added even if it does not exist.

Data Providers

- SEC-9341 In the QHST Data provider, the joblog now includes more information including the number of messages.
- SEC-9757 The File Audit Data Provider now supports the journal code 'U' (user-defined).
- SEC-9949 The Start Job button in the Real-time monitor jobs dialog now correctly starts the data provider when library QTEMP is included in the system library list.

Encryption

- SEC-8591 The command ENCSYNC now corrects the status of registered fields in RCAC field masking.

Extended Security

- SEC-9652 A warning is now displayed when the Inactive Users Report has more than 10,000 records.

Firewall Manager

- SEC-10016 For Incoming events, the error message MCH4405 is no longer generated.

GUI

- SEC-9621 The Read Timeout parameter was increased to 3 minutes to fix the read timeout error.

LPAR Replication

- SEC-8881 All FTP scripts now work with namefmt 1 on the source and target systems.
- SEC-10041 The Inherit permissions feature now works properly after an LPAR replication.
- SEC-10120 The Replicate Multiple LPARs screen works properly when multiple servers are displayed.

Report Generator

- SEC-9360 Spooled files, txt files and PDF files now support spool landscape files with up to 370 print positions.
- SEC-9586 In the User Profiles report type, the Disabled Users report correctly handles the decimal data error.
- SEC-9624 In the User Profiles report type, Special authorities are now displayed properly. There is no need to use Landscape spool optimized format.
- SEC-9629 The Server Authentication Entries report type now displays all server authentication entries.
- SEC-9668 When a PDF file is created (by selecting PDF output only) and the IFS directory does not exist, the directory is created.
- SEC-9829 The File Audit report type now handles the QSTGLOWLMT system value correctly.
- SEC-9881 In the System Value report type, the system value QHSTLOGSIZ for the value *DAILY is now fixed.
- SEC-9903 The System Audit and System Audit (detailed) report types now support *CURAVLCHN in the list of journal receivers for Data source in the Selection Criteria tab.
- SEC-10011 In the Account Permission report type, the option CLI was added in the Function Name column. This option was also added to the Account Permission report type in the green screen.

SQL Statement Audit

- SEC-9117_3 The following issues were fixed in the SQL Statement Audit (the fixes include SEC-9359 and SEC-9662):
- The size of the QGPL/SQAUDOUTF file is now limited to 1,000,000 records. When this limit is reached, it can be incremented by 10,000 records at a time. The limit can be incremented a maximum of 1000 times.

- Enhancement to the Health Monitor alert – an additional line was added for the SQL Statement audit. The alert checks the change of the Policy Status.
- Additional validation checks were added to the SQL Statement Policy to determine if the policy is changed from active to inactive, or if the JOBQ has status hold or is not attached to a subsystem (to ensure that only one SQEXTRACT job is active).
- Private monitors now end the monitor when the user signs off the 5250 session. The status in the SQL performance monitor is changed to ENDED.

System Audit

- SEC-9669 The System Audit report does not display more records than the maximum defined in **System Audit Maximum Events to Process** under **Report Size** in the Control Panel.