



iSecurity User Compliance, Native Object Compliance, IFS Compliance

User Guide
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www.razlee.com

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About this Manual

This user guide is intended for system administrators and security administrators responsible for the implementation and management of security on IBM i systems. However, any user with basic knowledge of IBM i operations will be able to make full use of this product after reading this book.

Raz-Lee takes customer satisfaction seriously. Our products are designed for ease of use by personnel at all skill levels, especially those with minimal IBM i experience. The documentation package includes a variety of materials to get you familiar with this software quickly and effectively.

This user guide, together with the iSecurity Installation Guide, is the only printed documentation necessary for understanding this product. It is available in HTML form as well as in user-friendly PDF format, which may be displayed or printed using Adobe Acrobat Reader version 6.0 or higher. If you do not have Acrobat Reader, you can download it from the Adobe website: <http://www.adobe.com/>. You can also read and print pages from the manual using any modern web browser.

This manual contains concise explanations of the various product features as well as step-by-step instructions for using and configuring the product.

Raz-Lee's iSecurity is an integrated, state-of-the-art security solution for all System i servers, providing cutting-edge tools for managing all aspects of network access, data, and audit security. Its individual components work together transparently, providing comprehensive "out-of-the-box" security. To learn more about the iSecurity Suite, visit our website at <http://www.razlee.com/>.

Intended Audience

The User Compliance, Native Object Compliance, IFS Compliance User Guide document was developed for users, system administrators and security administrators responsible for the implementation and management of security on IBM® AS/400 systems. However, any user with a basic knowledge of System i operations is able to make full use of this document following study of this User Guide.

NOTE: Deviations from IBM® standards are employed in certain circumstances in order to enhance clarity or when standard IBM® terminology conflicts with generally accepted industry conventions.

This document may also serve for new versions' upgrade approval by management.

Native IBM i (OS/400) User Interface

User Compliance, Native Object Compliance, IFS Compliance is designed to be a user-friendly product for auditors, managers, security personnel and system administrators. The user interface follows standard IBM i CUA conventions. All product features are available via the menus, so you are never required to memorize arcane commands.

Many features are also accessible via the command line, for the convenience of experienced users.

Conventions Used in the Document

Menu options, field names, and function key names are written in **Courier New Bold**.

Links (internal or external) are emphasized with underline and blue color as follows: "About this Manual" on the previous page.

Commands and system messages of IBM i® (OS/400®), are written in ***Bold Italic***.

Key combinations are in Bold and separated by a dash, for example: **Enter, Shift-Tab**.

Emphasis is written in **Bold**.

A sequence of operations entered via the keyboard is marked as

COMMAND > 81 > 32

meaning: Syslog definitions activated by typing **COMMAND** and selecting option: **81** then option: **32**.

Menus

Product menus allow easy access to all features with a minimum of keystrokes. Menu option numbering and terminology is consistent throughout this product and with other Raz-Lee products. To select a menu

option, simply type the option number and press **Enter**. The command line is available from nearly all product menus. If the command line does not appear (and your user profile allows use of the command line), press **F10** to display it.

Data Entry Screens

Data entry screens include many convenient features such as:

- Pop-up selection windows
- Convenient option prompts
- Easy-to-read descriptions and explanatory text for all parameters and options
- Search and filtering with generic text support

The following describes the different data entry screens.

- To enter data in a field, type the desired text and then press Enter or Field Exit
- To move from one field to another without changing the contents press Tab
- To view options for a data field together with an explanation, press F4
- To accept the data displayed on the screen and continue, press Enter

The following function keys may appear on data entry screens.

- **F1: Help** Display context-sensitive help
- **F3: Exit** End the current task and return to the screen or menu from which the task was initiated
- **F4: Prompt** Display a list of valid options for the current field or command. For certain data items, a pop-up selection window appears
- **F6: Add New** Create a new record or data item
- **F8: Print** Print the current report or data item
- **F9: Retrieve** Retrieve the previously-entered command
- **F12: Cancel** Return to the previous screen or menu without updating

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Working with Compliance

The purpose of this Chapter is to provide the means to access the menu that contains options for maintaining compliance with organizational standards.

To start **Compliance**, type **STRCMP** in the command line. The **Compliance with GDPR, PCI, FISMA, HIPAA** menu appears.

```
AUCMPMN      Compliance with GDPR, PCI, FISMA, HIPAA...      iSecurity/CMP
                                                    System:  RLDEV

Compliance by Plan, Check, Set          Related Products
1. User Profiles          STRCMPUSR          41. Compliance Evaluator
2. Native Objects        STRCMPNTV
3. IFS Objects           STRCMPIFS

Related Subjects by Plan, Check, Set
51. File Being Journalled
55. File Activity Tracked in QAUDJRN

General
81. System Configuration
82. Maintenance Menu
89. Base Support

Selection or command
===> _____

F3=Exit   F4=Prompt   F9=Retrieve   F12=Cancel
F13=Information Assistant   F16=System main menu
```

To define **User Compliance**, select **1. User Profiles**. The **User Compliance** menu appears, as shown in "Creating Template for User Profiles" on page 11.

To define **Native Objects Compliance**, select **2. Native Objects**. The **Native Object Compliance** menu appears, as shown in "Creating Native Object Security Planning" on page 29.

To define **IFS Objects Compliance**, select **3. IFS Objects**. The **IFS Object Compliance** menu appears, as shown in "Creating IFS Object Security Template" on page 53.

To access other related products or subjects, select what is needed: **41. Compliance Evaluator**, **51. File Being Journalled**, **55. File Activity Tracked in QAUDJRN**.

The following options also have their own chapters within this manual:

- "Working with User Profiles Compliance" on the next page
- "Working with Native Object Compliance" on page 28
- "Working with IFS Object Compliance" on page 52

Working with User Profiles Compliance

The purpose of this Chapter is to provide the means to create settings for User Profiles Compliance.

Creating Template for User Profiles

1. To add a User Profile Template, select **1. User Profiles** in the **Compliance for PCI, SOX, HIPAA etc.** menu (*STRCMP*).
2. The **User Compliance** menu appears.

```
AUUSCMN                                User Compliance                                iSecurity/USC
                                          System:  RLDEV

Select one of the following:

User Compliance                          Setting Results
 1. Template for User Profiles            51. Display Error Log
 5. Link Users to Template

Exception
11. Compare Users to Templates

Check/Set By Commands
21. Print
22. OUTFILE (Output File)
23. PDF file (E-Mail Output)
24. HTML file (E-Mail Output)
25. Print and Set to Template
26. OUTFILE, and Set to Template
Selection or command
===> _____

F3=Exit  F4=Prompt  F9=Retrieve  F12=Cancel
F13=Information Assistant  F16=System main menu
```

3. Select **1. Template for User Profiles**. The **Work with Templates Definition** screen appears.

```

Work with Templates Definition
Subset by template . _____
Type options, press Enter.      by text . . . . _____
  1=Select  3=Copy  4=Delete

Opt Template
_ ALEXANDER  Demo for us
_ SECOFR

F3=Exit  F6=Add new  F12=Cancel

Bottom

```

Parameters	Description
1=Select	Opens the Modify User Template screen.
3=Copy	Opens the Copy User Template screen.
4=Delete	Opens the Delete User Template screen.
Template	The Positions in your organization.
F6=Add new	Opens the Add New User Template screen.

4. Press **F6** to create a new user template. The **Add New User Template** screen appears.

Add New User Template

Type choices, press Enter.

User template _____

Description _____

* After pressing Enter, specify the parameter values that should be enforced.

F3=Exit F12=Cancel

Parameters	Description
User template	The name of the new User Template.
Description	A meaningful description of the template.

5. Enter relevant data for the **User template** and **Description** parameters and press **Enter**. The **User Compliance Template** screen appears.

```

User Compliance Template (DFNUSRTMP)

Type choices, press Enter.

Set password to expired . . . . *SAME      *SAME, *NO, *YES
Status . . . . . *SAME      *SAME, *ENABLED, *DISABLED
User class . . . . . *SAME      *SAME, *USER, *SYSOPR...
Assistance level . . . . . *SAME      *SAME, *SYSVAL, *BASIC...
Current library . . . . . *SAME      Name, *SAME, *CRTDFT
Initial program to call . . . . *SAME      Name, *SAME, *NONE
  Library . . . . .      Name, *LIBL, *CURLIB
Initial menu . . . . . *SAME      Name, *SAME, *SIGNOFF
  Library . . . . .      Name, *LIBL, *CURLIB
Limit capabilities . . . . . *SAME      *SAME, *NO, *PARTIAL, *YES
Text 'description' . . . . . *SAME
_____

Bottom
F3=Exit   F4=Prompt   F5=Refresh   F10=Additional parameters   F12=Cancel
F13=How to use this display   F24=More keys

```

6. Enter required parameters for the template and press **Enter**. The new Template is added and now appears in the **Work with Templates Definition** screen.

Modifying a Template for User Profiles

1. To modify a User Profile Template, select **1. Template for User Profiles** from the **User Compliance** menu (*STRCMP > 1*). The **Work with Templates Definitions** screen appears.

```
Work with Templates Definition
Subset by template . _____
Type options, press Enter.      by text . . . . _____
  1=Select  3=Copy  4=Delete

Opt Template
- ALEXANDER  Demo for us
- SECOFR

F3=Exit    F6=Add new    F12=Cancel

Bottom
```

2. Select the Template to be modified and press **1=Select**. The **Modify User Template** screen appears.

```
Modify User Template

Type choices, press Enter.

User template . . . . SECOFR
Description . . . . .
Required parameters . Parameter value(s)
                        PWDEXP (*YES)
                        ASTLVL (*BASIC)
                        INLMNU (*SIGNOFF)

* After pressing Enter, specify the parameter values that should be enforced.
F3=Exit  F12=Cancel
```

3. Press **Enter**. The **User Compliance Template** screen appears.
4. Enter required parameters for the template and press **Enter**. The Template is modified and now appears in the **Work with Templates Definition** screen.

To copy or delete the template, select the relevant option on the **Work with TemplatesDefinitions** screen.

Linking Users to Template

- To link users to templates, select **5. Link Users to Template** in the **User Compliance** menu (*STRCMP* > **1**). The **Work with Users Templates** screen appears.

```

Work with User Templates                               Sort: TEMPLATE

Type options, press Enter.                            Position to . _____
  1=Modify  3=Copy  4=Remove  5=Group members        Subset . . . _____
  6=Show template

Opt  Template  User      Group
   _  SECOFR   JOE      Members  System
                                     *ALL

Bottom

F3=Exit  F6=Add new(based on cursor)  F12=Cancel  F13=Repeat  F14=Clear repeat
F11=Switch between User/Template
  
```

Parameters	Description
1=Modify	Opens the Modify User Template screen.
3=Copy	Opens the Copy User Template screen.
4=Remove	Opens the Remove User Template screen.
Template	The Positions in your organization.
F6=Add new	Opens the Add User Template screen.

- Select the relevant parameter to add, modify, copy, or remove.

Compare Current User Compliance Settings

Because you sometimes change security settings due to changing circumstances, it is important to verify regularly that the current security settings match the planned security settings. You can view the settings online or print out a report.

Display and Update Security Settings

1. Select **11. Compare Users to Template** in the **User Compliance** menu (*STRCMP > 1*). The **Check Current User Compliance to Templates** screen appears.

```
Check Current User Compliance to Templates
Subset . . . . _____
Type options, press Enter.
1=Check   6=Print   8=Check in batch  9=Set to Template

Opt  Template   Description
-    ALEXANDER  Demo for us
-    SECOFR

Bottom

Use F4 instead of Enter to get additional control.

F3=Exit   F4=Prompt   F12=Cancel
```

2. Type **1** to check the objects or **8** to check in batch. The **User Compliance Exceptions** screen appears.

```

User Compliance Exceptions                               System: RLDEV
Subset user . . *ALL
Type options, press Enter.
1=Exception details  9=Set to template

Opt User profile  System      Template  Parameter Exceptions
-   JOE           RLDEV     SECOFR   3 PWDEXP, ASTLVL, INLMNU

F3=Exit  F5=Refresh  F8=Print  F12=Cancel

More...
```

3. Type **1** to view exception details settings. The new **User Compliance Exceptions** screen appears; the current values appears.

Check/Set By Commands in User Compliance

The options in this section allow you to check the current settings and, if necessary, to reset the settings to the template settings. The table below describes the parameters for all of the options in this section.

The options for the parameters shown below include all options for all fields, as this table is for all the Check/Set By Commands. Where the parameter appears with a > next to it, the parameter has been preset and should not be changed.

All the options in this section are operated by the Work with User Compliance **WRKUSC** command.

The parameters of this command are:

Parameters	Description
Template	Name – Print or output the report for the specified template name. *DFT – Print or output the report for the default template name. *ALL – Print or output the report for all the templates.
User profile	Name – Print or output the report for the specified user profile. <group – Print or output the report for the specified user profile group . *ALL – Print or output the report for all the user profiles.
User system name	*ALL – Print or output the report for all the user system name. Character value - Print or output the report for the specified user system name.
Number of records to process	Number – the number of records to process from the input file *NOMAX – process all records
Output	* *NONE *PDF *HTML *CSV *OUTFILE *PRINT *PRINT1 *PRINT2 *PRINT3 *PRINT4 *PRINT5 *PRINT6 *PRINT7 *PRINT8 *PRINT9
Create work file	*YES *NO

Parameters	Description
Set authority to template	*YES *NO
Job description / Library	Name *NONE
File to receive output / Library	Name – Enter the name of the Outfile to receive the data in the given Library *AUTO – to create a name for the Outfile in the given Library
Output member to receive output	The member to receive the Outfile Name – Enter the name of the member in the Outfile *FIRST – Use the first member of the Outfile *FILE – Use the member with the same name as the Outfile itself
Replace or add records	*REPLACE – Replace records in an existing member with the records created now *ADD – Add the records created now to the records that already exist in the member
Add column headings	*NO *YES
Mail to	Enter the email addresses to receive the Compliance Report
Mail text	Enter a text for the mail.
Object size to allow attach	Enter the maximum size for the attachment to the email. Number – Enter the maximum size of the attachment in megabytes *NO – Do not allow an attachment *NOMAX – There is no maximum size for the attachment
Delete if attached	*NO – Do not delete the original file if attaching it to an email *YES – Delete the original file if attaching it to an email
Object	Name – Enter the name of the object *AUTO – to create a name for the object

Parameters	Description
Directory	/iSecurity/report output/ *DATE –

Print and Send User Security Settings

1. To print User Security Settings, select **21. Print** in the **User Compliance** menu (*STRCMP > 1*). The **Work with User Compliance** screen appears. Enter the parameters for report you need and press Enter.

```

Work with User Compliance (WRKUSC)

Type choices, press Enter.

Template . . . . . *ALL          Name, *DFT, *ALL
User profile . . . . . *ALL          Name, <group, *ALL
User system name . . . . . *ALL       Character value, *ALL...
Number of records to process . . . *NOMAX      Number, *NOMAX
Output . . . . . > *PRINT          *, *PRINT, *PDF, *HTML..
Create work file . . . . . *YES       *YES, *NO
Set authority to template . . . > *NO      *YES, *NO
Job description. . . . . *NONE        Name, *NONE
  Library . . . . .           Name, *PRODUCT, *LIBL...
File to receive output . . . . .       Name
  Library . . . . . *LIBL          Name, *LIBL
Output member options:
  Member to receive output . . . *FIRST     Name, *FILE, *FIRST
  Replace or add records . . . *REPLACE   *REPLACE, *ADD
Add column headings . . . . . *YES       *NO, *YES

More...
F3=Exit   F4=Prompt   F5=Refresh   F12=Cancel   F13=How to use this display
F24=More keys
  
```

2. To send User Security Settings to an outfile, *STRCMP > 1 > 22. OUTFILE (Output File)*. The **Work with User Compliance** screen appears. Enter the parameters for report you need and press Enter.
3. To send User Security Settings in an Email as a PDF or an HTML file, *STRCMP > 68 > 1 > 23. PDF file (E-Mail Output)* or *STRCMP > 1 > 24. HTML file (E-Mail Output)*. The **Work with User Compliance** screen appears. Enter the parameters for report you need and press Enter.

Error Log in User Compliance

You can display an Error Log based on a dedicated compliance message queue.

1. Select **51. Display Error Log** in the **User Compliance** menu (**STRCMP > 1**).. The **Display Messages** screen appears.

```
Display Messages (DSPMSG)

Type choices, press Enter.

Message queue . . . . . > CMPNTVL      Name, *WRKUSR, *SYSOPR...
Library . . . . . > SMZ4DTA      Name, *LIBL, *CURLIB
Output . . . . . > *          *, *PRINT, *PRTWRAP

Additional Parameters

Message type . . . . . > *ALL      *ALL, *INFO, *INQ, *COPY
Messages to display first . . . > *LAST   *LAST, *FIRST
Severity code filter . . . . . > 0      0-99, *MSGQ
Assistance level . . . . . > *PRV   *PRV, *USRPRF, *BASIC...

Bottom
F3=Exit  F4=Prompt  F5=Refresh  F12=Cancel  F13=How to use this display
F24=More keys
```

Parameters	Description
Message queue	The message queue that contains the compliance error messages CMPNTVL *WRKUSR *SYSOPR *USRPRF *WRKSTN
Library	The Library that contains the message queue Name *LIBL *CURLIB
Output	The output format * – Display the output on the screen *PRINT – Send the output to the job’s spool queue *PRTWRAP – Send the output to the job’s spool queue, where it will be printed without truncation on more than one line
Message type	*ALL – Show all messages from the message queue *INFO – Show informational messages only *INQ – Show inquiry messages only *COPY – Show only copies of inquiry messages that were sent to other messages queues and are still waiting for replies
Messages to display first	Define the order in which to display the messages *LAST – Show the last (newest) message at the beginning *FIRST – Show the first (oldest) message at the beginning
Severity code filter	Only show messages of this severity or higher. 0-99 – Specify the value at which messages are shown. If you enter 00, all messages are shown *MSGQ – All messages having a severity code greater than or equal to the severity code specified for the message queue are shown.
Assistance level	Define which user interface to display *PRV – The previous user interface used appears *USRPRF – The user interface stored in the current user profile is used *BASIC – The Operational Assistant user interface is used *INTERMED – The system user interface is used

2. Enter the required parameters and press Enter.

Working with Native Object Compliance

The purpose of this Chapter is to provide the means to create settings for Native Object Compliance.

Creating Native Object Security Planning

1. To work with Native Object Security, select **2. Native Objects** in the **Compliance for PCI, SOX, HIPAA etc.** menu (*STRCMP*).
2. The **Native Object Compliance** menu appears.

```
AUNOCMN                               Native Object Compliance                               iSecurity\NOC
                                          System: S520

Select one of the following:

Native Object Compliance                 Create Templates Based on Current Status
  1. Work with Templates                 41. Wizard to Create Templates
                                          42. Re-Use Wizard Templates

Compare Current to Template
  11. Work with Exceptions

Check/Set By Commands                   Setting Results
  21. Print                              51. Display Error Log
  22. OUTFILE (Output File)
  23. PDF file (E-Mail Output)
  24. HTML file (E-Mail Output)
  25. Print and Set to Template
  26. OUTFILE, and Set to Template

Selection or command
===> _____

F3=Exit   F4=Prompt   F9=Retrieve   F12=Cancel
F13=Information Assistant   F16=AS/400 main menu
```

3. Select **1. Work with Templates**. The **Work with Native Object Security Templates** window appears.

```

Work with Native Object Security Templates      System: S520
Subset Object . . . _____
Library . . . _____
Type . . . . _____
Attribute . . _____
System . . . . *ALL
Audit
Type options, press Enter.
1=Select  3=Copy  4=Delete
6=Global template change  9=Explanation

Opt Library  Type  Object  Attribute  System  Aut. List  Value
-  QGPL      *ALL  *ALL      *ALL      *ALL      *NONE
-  SMZJ      *CMD   *ALL      *ALL      S520     *NONE
-  SMZJ      *DTAARA JADUMP   *ALL      S520     *NONE
-  SMZJ      *DTAARA JRREL    *ALL      S520     *NONE
-  SMZJ      *FILE   *ALL      *ALL      S520     *NONE
-  SMZJ      *MENU   GSLCKMNU DSPF      S520     SECURITY4P
-  SMZJ      *MENU   JDMAIN   DSPF      S520     SECURITY4P
-  SMZJ      *MENU   JRBLJR   DSPF      S520     SECURITY4P
-  SMZJ      *MENU   JRDAPP   DSPF      S520     SECURITY4P
-  SMZJ      *MENU   JRDFILE  DSPF      S520     SECURITY4P
-  SMZJ      *MENU   JRDSET   DSPF      S520     SECURITY4P
-  SMZJ      *MENU   JRMAIN   DSPF      S520     *NONE
More...
F3=Exit  F5=Refresh  F6=Add  F8=Print  F12=Cancel  F13=Repeat  F14=Clear Repeat

```

4. Press **F6** to create a new native object security planning. The **Add Native Object Security Template** screen appears.

```

Add Native Object Security Template      System: S520
Type information, press Enter.
Object . . . . *ALL _____ Name, generic*, *ALL
Library . . . . _____ Name
Type . . . . . *ALL _____ *ALL, *FILE, *PGM, *DTAARA...
Attribute . . . *ALL _____ *ALL, RPGLE, RPG, CLP, DSPF, PF-DTA...
System . . . . *ALL _____ Name, *ALL

Note: Type=*ALL is valid only for Object=*ALL.

F3=Exit  F4=Prompt  F12=Cancel

```

Parameters	Description
Object	Name = enter object name generic* = type the first few letters of the object name and '*' to view a list of optional objects names. *ALL = all the objects in the library
Library	Name = enter library name
Type	Enter object type. Press F4 for a full list of types. *ALL is only valid if Object is also *ALL
Attribute	Enter object attribute. Press F4 for a full list of attribute.
System	Name = enter the system name *ALL = all systems

5. Enter the parameters for the object you want to define and press **Enter**.
The second **Add Native Object Security Template** appears.

```

Add Native Object Security Template          System: S520
Object . . : AU#MNT                        Type . . . : *PGM
Library . . : SMZ4                          Attribute . : *ALL
                                           System . . : S520
Type information to verify, press Enter. (Blank fields are not verified)
Authorization list . _____ Name, *NONE
Owner . . . . . _____ Name
Primary group . . . _____ Name, *NONE
Audit value . . . . _____ *USRPRF, *ALL, *CHANGE, *NONE

Replace specific aut. N                Y=Yes, A=Add, N=No change
      Object  -----Object-----  -----Data-----
User   Authority Opr  Mgt  Exist  Alter  Ref  Read  Add  Upd  Dlt  Execute
-----
_____ _____ -  -  -  -  -  -  -  -  -  -
_____ _____ -  -  -  -  -  -  -  -  -  -
_____ _____ -  -  -  -  -  -  -  -  -  -
_____ _____ -  -  -  -  -  -  -  -  -  -
_____ _____ -  -  -  -  -  -  -  -  -  -
_____ _____ -  -  -  -  -  -  -  -  -  -
_____ _____ -  -  -  -  -  -  -  -  -  -
More...
F3=Exit  F4=Prompt  F10=Insert current object authority  F12=Cancel

```

Parameters	Description
Authorization list	Name = enter authorization list name *NONE Press F4 to view a list of the authorization list
Owner	Name = enter object name
Primary Group	Another owner of the object Name = enter primary group name *NONE Press F4 to view a list of groups
Audit Value	When to record object access *USRPRF = Every access to the object done by a specific user profile will be recorded *ALL = Every access to the object will be recorded *CHANGE = only changes in the object are recorded *NONE =
Replace specific aut.	Y=Yes, replace current authorization A=Add to the current authorizations N=No change
User/Object Authority	User = Type a specific User Name or press F4 to view a list of Users Object Authority =Type one of the following options *ALL *USE *EXCLUDE *CHANGE *AUTL (Only available for User *PUBLIC) Define the actions a user can perform on a specific object within the library: <ul style="list-style-type: none"> ■ Opr = Object operational authority ■ Mgt = Object management authority ■ Exist = authority to control the object's existence and ownership ■ Alter = authority to change the attributes of an object ■ Ref = specify the object as the first level in a referential constraint. ■ Read = access the object contents ■ Add = add entries to the object. ■ Upd = change the content of existing entries in the object. ■ Dtl = remove entries from the object ■ Execute = authority to run a program or search a library or directory.

6. Enter the parameters for the object you want to define and press **Enter**.

Copying Native Object Security Template

1. Select **1. Work with Templates** in the Native Object Compliance menu (*STRCMP > 2*). The **Work with Native Object Security Templates** window appears.
2. Enter **3** on each row you want to copy and press **Enter**. The **Copy Native Object Security Template** screen appears.

Copy Native Object Security Template System: S520

Type choices, press Enter.

To library	<u>*SAME</u>	Name, *SAME	
To type	<u>*SAME</u>	*SAME *ALL, *FILE, *PGM, *DTAARA...	
To attribute	<u>*SAME</u>	*SAME *ALL, RPGLE, RPG, CLP, PF-DTA...	

Library	Object	Type	Attribute	New Name	New Type	New Attr.
SMZ4	AU#MNT	*PGM	*ALL	<u>AU#MNT</u>	<u> </u>	<u> </u>

F3=Exit F4=Prompt F12=Cancel

3. Enter the library to which to copy the Native Object Security Planning. In the **Type** field, enter the type or *SAME to leave it unchanged. In the **Attribute** field, enter the attribute or *SAME to leave it unchanged. Press **Enter**.

The data is copied and displayed in the table below, as well as in the updated **Work with Native Object Security Templates** screen.

Changing Native Object Security Templates

1. Select **1. Work with Templates** in the Native Object Compliance menu (*STRCMP* > **2**). The **Work with Native Object Security Templates** window appears.
2. To change batches of native object security planning, enter option **6** for each row you want to change and press **Enter**. The **Global Change of Native Object Compliance Template** screen appears.

```
Global Change of Native Object Compliance Template System: S520
Type information to verify, press Enter. (Blank fields are not verified)
Authorization list . *NONE          Name, *NONE
Owner . . . . . SECURITY4P        Name
Primary group . . . . *NONE          Name, *NONE
Audit value . . . . .           *USRPRF, *ALL, *CHANGE, *NONE
                                   Audit
Library  Type  Object  Attribute System  Aut. List Value
SMZ4     *PGM  RLSNDM*  *ALL      *ALL      *NONE

F3=Exit  F4=Prompt  F12=Cancel
```

3. For the **Authorization list**, **Owner**, **Primary group** and **Audit value**, enter the specific changes to make and press Enter. The data is changed and displayed in the screen, as well as in the updated **Work with Native Object Security Templates** screen.

Compare Current Security to Planned

Because you sometimes change security settings due to changing circumstances, it is important to verify regularly that the current security settings match the planned security settings. You can view the settings online, print out a report, or send them to an OUTFILE which you can analyze later.

Display and Update Security Settings

1. Select **11. Work with Exceptions** in the **Native Object Compliance** menu (*STRCMP > 2*). The **Check Current Object Security to Templates** screen appears.

```
Check Current Object Security to Templates
Subset . . . . _____
Type options, press Enter.
1=Check  6=Print  8=Check in batch  9=Set to Template

Opt  Library
-   QGPL      General Purpose Library
-   SMZJ      Security Part 3
-   SMZO
-   SMZV      AV Regular
-   SMZ1
-   SMZ2
-   SMZ4      Audit (Security part 2)

Bottom

Use F4 instead of Enter to get additional control.

F3=Exit  F4=Prompt  F12=Cancel
```

2. Type **1** to check the objects or **8** to check in batch. The **Native Object Security Exceptions** screen appears.

```

Native Object Security Exceptions                               System: S520
Subset Object . . . _____
Library . . _____
Type . . . _____
Attribute . . _____

Type options, press Enter.
1=Current security      5=Template security
7=Add new template     8=Modify template
9=Set to template

Opt Library  Object      Type      Attribute Exception
- SMZ2       CPYFRMPCFM *FILE    DSPF      Owner mismatch.
- SMZ2       DEMODTAQ   *FILE    PF-DTA    Owner mismatch.
- SMZ2       FSDDSSRC  *FILE    PF-SRC    Missing or mismatch object authori
- SMZ2       FSLDTAFM  *FILE    DSPF      Missing or mismatch object authori
- SMZ2       FSTMENU   *FILE    DSPF      Missing or mismatch object authori
- SMZ2       PRDSTEMP  *FILE    PF-DTA    Missing or mismatch object authori
- SMZ2       PSPMSGFM  *FILE    DSPF      Missing or mismatch object authori
- SMZ2       PSRRIFM   *FILE    DSPF      Missing or mismatch object authori
- SMZ2       PSRRRRN   *FILE    PF-DTA    Missing or mismatch object authori
- SMZ2       PSRRUFM   *FILE    DSPF      Missing or mismatch object authori
- SMZ2       RMVFM     *FILE    DSPF      Missing or mismatch object authori
- SMZ2       SMZPLGFM  *FILE    DSPF      Missing or mismatch object authori
- SMZ2       TLDTQF    *FILE    PF-DTA    Missing or mismatch object authori
                                                    More...

F3=Exit   F8=Print   F12=Cancel

```

3. Type **1** to view the current security settings. The **Current Object Compliance** screen appears; the mismatch fields appear on a black background. The screen details the current object authority at the bottom of the screen.

```

Current Object Compliance                               System: S520
Object . . . : CPYFRMPCFM      Type . . . : *FILE
Library . . . : SMZ2          Attribute . . : DSPF

Authorization list . . . . . Template      Current
Owner . . . . . *NONE          *NONE
Primary group . . . . . *NONE          *NONE
Audit value . . . . . *NONE          *NONE
Replace specific authorities. Y

** Current Object Authority **

User      Object  -----Object-----  -----Data-----
Authority Opr  Mgt  Exist  Alter  Ref  Read  Add  Upd  Dtl  Execute
*PUBLIC  *CHANGE  X    X      X      X    X   X   X   X
QPGMR    *ALL    X    X      X      X    X   X   X   X

Bottom
Enter=Continue  F3=Exit  F9=Set  F11=Toggle Current / Template  F12=Cancel

```

- Type **5** in the **Native Object Security Exceptions (STRCMP > 2 > 11 > 1)** screen to view the planned security settings. The **Template Compliance** screen appears; the mismatch fields will appear on a black background. The screen details the template object authority at the bottom of the screen.

```

Template Compliance                               System: S520
Object . . . : *ALL                               Type . . . . : *FILE
Library . . . : SMZ2                             Attribute . . : *ALL

Authorization list . . . . . Template             Current
                          *NONE                 *NONE
Owner . . . . .                               QPGMR
Primary group . . . . . *NONE                 *NONE
Audit value . . . . .                               *NONE
Replace specific authorities. Y

** Template Object Authority **

User      Object -----Object----- -----Data-----
Authority Opr  Mgt  Exist  Alter  Ref  Read  Add  Upd  Dtl  Execute
*PUBLIC  *CHANGE  X   X   X   X   X   X   X   X   X
TL       *ALL    X   X   X   X   X   X   X   X   X

Bottom
Enter=Continue  F3=Exit  F9=Set  F11=Toggle  Current < Template  F12=Cancel

```

- Type **8** in the **Native Object Security Exceptions (STRCMP > 2 > 11 > 1)** screen to modify the object security plan.
- To adjust the object authorization settings to the plan, type **9** in the **Native Object Security Exceptions (STRCMP > 2 > 11 > 1)** screen, and the **Set object compliance to template** screen will appear displaying the planned authorization settings.

```

Set object compliance to template          System: S520
Object . . . : CPYFRMPCFM                Type . . . : *FILE
Library . . . : SMZ2                     Attribute . : DSPF
Press Enter to confirm setting object compliance to template, F12 to Cancel.

Template      Current
-----
Authorization list . . . . . *NONE      *NONE
Owner . . . . . QPGMR
Primary group . . . . . *NONE      *NONE
Audit value . . . . . *NONE      *NONE
Replace specific authorities. Y

** Template Object Authority **

Object -----Object----- Data-----
User Authority Opr Mgt Exist Alter Ref Read Add Upd Dtl Execute
*PUBLIC *CHANGE X X X X X X X X X X X
TL *ALL X X X X X X X X X X X

Enter=Set Object Security
Bottom
F12=Cancel

```

7. Press **Enter** to confirm and change single object authority. If there is an error, the following message appears:

“Some settings were NOT set for object <ObjectName> type <ObjectType> in library <LibraryName>”

Check/Set By Commands

The options in this section allow you to check the current settings and, if necessary, to reset the settings to the template settings. The table below describes the parameters for all of the options in this section.

The options for the parameters shown below include all options for all fields, as this table is for all the Check/Set By Commands. Where the parameter appears with a > next to it, the parameter has been preset and should not be changed.

Parameters	Description
Object / Library	Name – Print the report for a specific object only. Generic* – Print the report with all objects whose name starts with the given string in the given library. *ALL – Print the report for all the objects in the library.
Object type	*ALL – Print the report for all object types. Name – Print the report for a specific object type only.
Object attribute	*ALL – Print the report for all object attributes. Name – Print the report for a specific object attribute only.
Number of records to process	Number – the number of records to process from the input file *NOMAX – process all records
Output	* *NONE *PDF *HTML *CSV *OUTFILE *PRINT *PRINT1 *PRINT2 *PRINT3 *PRINT4 *PRINT5 *PRINT6 *PRINT7 *PRINT8 *PRINT9
Create work file	*YES *NO
Set authority to template	*YES *NO
Job description	Name *NONE

Parameters	Description
/ Library	
File to receive output / Library	Name – Enter the name of the Outfile to receive the data in the given Library *AUTO – to create a name for the Outfile in the given Library
Output member to receive output	The member to receive the Outfile Name – Enter the name of the member in the Outfile *FIRST – Use the first member of the Outfile *FILE – Use the member with the same name as the Outfile itself
Replace or add records	*REPLACE – Replace records in an existing member with the records created now *ADD – Add the records created now to the records that already exist in the member
Add column headings	*NO *YES
Mail to	Enter the email addresses to receive the Compliance Report
Mail text	Enter a text for the mail.
Object size to allow attach	Enter the maximum size for the attachment to the email. Number – Enter the maximum size of the attachment in megabytes *NO – Do not allow an attachment *NOMAX – There is no maximum size for the attachment
Delete if attached	*NO – Do not delete the original file if attaching it to an email *YES – Delete the original file if attaching it to an email
Object	Name – Enter the name of the object *AUTO – to create a name for the object
Directory	/iSecurity/NOC – *DATE –
User defined data	Internal use only

Print Security Settings

1. Select **21. Print** in the **Native Object Compliance** menu (**STRCMP > 2**). The **Native Object Compliance** screen appears.

```
Native Object Compliance (WRKNOC)

Type choices, press Enter.

Object . . . . . _____ Name, generic*, *ALL
Library . . . . . _____ Name
Object type . . . . . *ALL _____ *ALL, *ALRTBL, *AUTL...
Object attribute . . . . . *ALL _____ *ALL, BAS, BASP, C, CBL...
Number of records to process . . *NOMAX _____ Number, *NOMAX
Output . . . . . > *PRINT _____ *, *PRINT, *PDF, *HTML...
Create work file . . . . . *YES _____ *YES, *NO
Set authority to template . . . > *NO _____ *YES, *NO
Job description. . . . . *NONE _____ Name, *NONE
Library . . . . . _____ Name, *PRODUCT, *LIBL...

Bottom
F3=Exit   F4=Prompt   F5=Refresh   F10=Additional parameters   F12=Cancel
F13=How to use this display   F24=More keys
```

2. Enter the parameters for report you need and press Enter.

Send Security Settings to an Outfile

1. Select **22. OUTFILE (Output File)** in the **Native Object Compliance** menu (*STRCMP* > 2). The **Native Object Compliance** screen appears.

```

Native Object Compliance (WRKNOC)

Type choices, press Enter.

Object . . . . . _____ Name, generic*, *ALL
Library . . . . . _____ Name
Object type . . . . . *ALL _____ *ALL, *ALRTBL, *AUTL...
Object attribute . . . . . *ALL _____ *ALL, BAS, BASP, C, CBL...
Number of records to process . . . *NOMAX _____ Number, *NOMAX
Output . . . . . > *OUTFILE _____ *, *PRINT, *PDF, *HTML...
Create work file . . . . . *YES _____ *YES, *NO
Set authority to template . . . > *NO _____ *YES, *NO
Job description. . . . . *NONE _____ Name, *NONE
Library . . . . . _____ Name, *PRODUCT, *LIBL...
File to receive output . . . . . *AUTO _____ Name, *AUTO
Library . . . . . *DATE _____ Name, *LIBL, *CURLIB, *DATE
Output member options:
Member to receive output . . . *FIRST _____ Name, *FILE, *FIRST
Replace or add records . . . . *REPLACE _____ *REPLACE, *ADD

Bottom
F3=Exit F4=Prompt F5=Refresh F10=Additional parameters F12=Cancel
F13=How to use this display F24=More keys
  
```

2. Enter the parameters for the report you need and press Enter.

Send Security Settings in an Email as a PDF or an HTML file

1. Select **23. PDF file (E-Mail Output)** or **24. HTML file (E-Mail Output)** in the **Native Object Compliance** menu (**STRCMP > 2**). The **Native Object Compliance** screen appears.

```

Native Object Compliance (WRKNOC)

Type choices, press Enter.

Object . . . . . _____ Name, generic*, *ALL
Library . . . . . _____ Name
Object type . . . . . *ALL _____ *ALL, *ALRTBL, *AUTL...
Object attribute . . . . . *ALL _____ *ALL, BAS, BASP, C, CBL...
Number of records to process . . *NOMAX _____ Number, *NOMAX
Output . . . . . > *PDF _____ *, *PRINT, *PDF, *HTML...
Create work file . . . . . *YES _____ *YES, *NO
Set authority to template . . . > *NO _____ *YES, *NO
Job description. . . . . *NONE _____ Name, *NONE
Library . . . . . _____ Name, *PRODUCT, *LIBL...
Mail to (mail1,mail2,mail3..) . *USER _____

-----
-----
-----

More...
F3=Exit   F4=Prompt   F5=Refresh   F10=Additional parameters   F12=Cancel
F13=How to use this display   F24=More keys
  
```

2. Enter the parameters for the report you need and press Enter.

Enforce Security

1. Select **25. Print and Set to Template** or **26. OUTFILE, and Set to Template** in the Native Object Compliance menu (*STRCMP > 2*). The **Native Object Compliance** screen appears.

```

Native Object Compliance (WRKNOC)

Type choices, press Enter.

Object . . . . . _____ Name, generic*, *ALL
Library . . . . . _____ Name
Object type . . . . . *ALL _____ *ALL, *ALRTBL, *AUTL...
Object attribute . . . . . *ALL _____ *ALL, BAS, BASP, C, CBL...
Number of records to process . . . *NOMAX _____ Number, *NOMAX
Output . . . . . > *PRINT _____ *, *PRINT, *PDF, *HTML..
Create work file . . . . . *YES _____ *YES, *NO
Set authority to template . . . > *NO _____ *YES, *NO
Job description. . . . . *NONE _____ Name, *NONE
Library . . . . . _____ Name, *PRODUCT, *LIBL...

Bottom

F3=Exit F4=Prompt F5=Refresh F10=Additional parameters F12=Cancel
F13=How to use this display F24=More keys

```

```

Native Object Compliance (WRKNOC)

Type choices, press Enter.

Object . . . . . _____ Name, generic*, *ALL
Library . . . . . _____ Name
Object type . . . . . *ALL _____ *ALL, *ALRTBL, *AUTL...
Object attribute . . . . . *ALL _____ *ALL, BAS, BASP, C, CBL...
Number of records to process . . . *NOMAX _____ Number, *NOMAX
Output . . . . . > *OUTFILE _____ *, *PRINT, *PDF, *HTML..
Create work file . . . . . *YES _____ *YES, *NO
Set authority to template . . . > *NO _____ *YES, *NO
Job description. . . . . *NONE _____ Name, *NONE
Library . . . . . _____ Name, *PRODUCT, *LIBL...
File to receive output . . . . . *AUTO _____ Name, *AUTO
Library . . . . . *DATE _____ Name, *LIBL, *CURLIB, *DATE
Output member options:
Member to receive output . . . *FIRST _____ Name, *FILE, *FIRST
Replace or add records . . . *REPLACE _____ *REPLACE, *ADD

Bottom

F3=Exit F4=Prompt F5=Refresh F10=Additional parameters F12=Cancel
F13=How to use this display F24=More keys

```

Since this option is based on the WRKNOC command, it can be scheduled to run when needed to prevent system overload.

Rules Wizard

Use the Rules Wizard to define rule settings quickly.

1. Select **41. Wizard to Create Rules** in the **Native Object Compliance** menu (*STRCMP > 2*). The **Native Obj Sec Rules Wizard** screen appears.

```
Native Obj Compliance Wizard (WZRNOC)

Type choices, press Enter.

Library . . . . . _____ Name
Object . . . . . *ALL Name, generic*, *ALL
Object type . . . . . *ALL *ALL, *ALRTBL, *AUTL...
Object attribute . . . . . *ALL *ALL, BAS, BASP, C, CBL...
System which rules apply to . . *CURRENT *ALL, *CURRENT
Replace or use wizard rules . . > *REPLACE *REPLACE, *USE
Maximum generic* length . . . . 10 1-10
Objs to consider as exception . . 10 1-20
Check AUTL . . . . . Y Y, N
Check PGP . . . . . Y Y, N
Check User specific authority . . Y Y, N
Check OWNER . . . . . N Y, N
Check Audit Value . . . . . N Y, N

Bottom
F3=Exit F4=Prompt F5=Refresh F12=Cancel F13=How to use this display
F24=More keys
```


Parameters	Description
Library	The Library that contains the objects on which the rules will apply
Object	The object for which the rules will apply. Name – a specific object Generic* - all objects that start with the entry *ALL – all objects
Object type	The Object type on which the rules will apply. Enter *ALL or press F4 for a list of object types.
Object attribute	The Object attribute on which the rules will apply. Enter *ALL or press F4 for a list of object attributes.
System which rules apply to	*CURRENT = The rules will apply only on the current system *ALL = The rules will apply on all systems
Replace or use wizard rules	*REPLACE = replace existing rules
Maximum generic* length	1-10
Objs to consider as exception	1-20
Check AUTL	Y = Yes N = No The default value is Y.
Check PGP	Y = Yes N = No The default value is Y.
Check User specific authority	Y = Yes N = No The default value is Y.
Check OWNER	Y = Yes N = No The default value is N.
Check Audit Value	Y = Yes N = No The default value is N.

2. Enter the required parameters and press Enter.

Error Log

You can display an Error Log based on a dedicated compliance message queue.

1. Select **51. Display Error Log** in the **Native Object Compliance** menu (**STRCMP > 2**). The **Display Messages** screen appears.

```
Display Messages (DSPMSG)

Type choices, press Enter.

Message queue . . . . . > CMPNTVL      Name, *WRKUSR, *SYSOPR...
Library . . . . . > SMZ4DTA      Name, *LIBL, *CURLIB
Output . . . . . > *          *, *PRINT, *PRTWRAP

Additional Parameters

Message type . . . . . > *ALL      *ALL, *INFO, *INQ, *COPY
Messages to display first . . . > *LAST   *LAST, *FIRST
Severity code filter . . . . . > 0      0-99, *MSGQ
Assistance level . . . . . > *PRV   *PRV, *USRPRF, *BASIC...

Bottom
F3=Exit  F4=Prompt  F5=Refresh  F12=Cancel  F13=How to use this display
F24=More keys
```

Parameters	Description
Message queue	The message queue that contains the compliance error messages CMPNTVL *WRKUSR *SYSOPR *USRPRF *WRKSTN
Library	The Library that contains the message queue Name *LIBL *CURLIB
Output	The output format * – Display the output on the screen *PRINT – Send the output to the job’s spool queue *PRTWRAP – Send the output to the job’s spool queue, where it will be printed without truncation on more than one line
Message type	*ALL – Show all messages from the message queue *INFO – Show informational messages only *INQ – Show inquiry messages only *COPY – Show only copies of inquiry messages that were sent to other messages queues and are still waiting for replies
Messages to display first	Define the order in which to display the messages *LAST – Show the last (newest) message at the beginning *FIRST – Show the first (oldest) message at the beginning
Severity code filter	Only show messages of this severity or higher. 0-99 – Specify the value at which messages are shown. If you enter 00, all messages are shown *MSGQ – All messages having a severity code greater than or equal to the severity code specified for the message queue are shown.
Assistance level	Define which user interface to display *PRV – The previous user interface used appears *USRPRF – The user interface stored in the current user profile is used *BASIC – The Operational Assistant user interface is used *INTERMED – The system user interface is used

2. Enter the required parameters and press Enter.

Working with IFS Object Compliance

The purpose of this Chapter is to provide the means to create settings for IFS Object Compliance.

Creating IFS Object Security Template

1. To work with IFS Object Security Templates, select **3. IFS Objects** in the **Compliance for PCI, SOX, HIPAA etc.** menu (*STRCMP*).
2. The **IFS Object Compliance** menu appears.

```
AUIOCMN                                IFS Object Compliance                                iSecurity/IOC
                                          System: RLDEV

Select one of the following:

IFS Object Compliance
  1. Work with Templates

Compare Current to Templates
  11. Work with Exceptions

Set By Commands                          Setting Results
21. Print                                51. Display Error Log
22. OUTFILE (Output File)
23. PDF file (E-Mail Output)
24. HTML file (E-Mail Output)
25. Print and Set to Templates
26. OUTFILE, and Set to Templates

Selection or command
===> _____

F3=Exit   F4=Prompt   F9=Retrieve   F12=Cancel
F13=Information Assistant   F16=System main menu
```

3. Select **1. Work with Templates**. The **Work with IFS Object Security Templates** screen appears.

```

Work with IFS Object Security Templates          System: RLDEV
Subset Object . . . _____
Type options, press Enter.                    Type . . . . _____
1=Select 3=Copy 4=Delete 6=Global template chg. Attribute . . _____
7=Display Authority      9=Compliance          System . . . *ALL_____

Object Link                                     Type/Attr. System Directory
- *ALL                                           *ALL      *ALL  *NONE
- /alex/                                         STMF      *ALL  *NONE
- /tmp/                                          STMF      *ALL  *NONE

Bottom
F3=Exit F5=Refresh F6=Add new F8=Print F12=Cancel F13=Repeat F14=Clear Repeat
F22=Display entire link

```

4. Press **F6** to create a new IFS object security planning. The **Add IFS Object Security Template** screen appears.

```

Add IFS Object Security Template              System: RLDEV

Type information, press Enter.

Object . . . . . *ALL_____
_____
_____
_____
_____
_____

Type . . . . . *ALL_____ *ALL, DIR, STMF, FILE...
Attribute . . . . *ALL_____ *ALL, DOC, ZIP, PF-DTA...
System . . . . . *ALL_____ *ALL, Name
Directory subtree *NONE_____ *ALL, *NONE

Type=*ALL is valid only for Object=*ALL.
It is not recommended to mix Directory subtree *ALL and *NONE for same tree.

F3=Exit F4=Prompt F12=Cancel F22=Display entire object

```

Parameters	Description
Object	*ALL = all the objects in the library
Type	Enter object type. Press F4 for a full list of types. *ALL is only valid if Object is also *ALL
Attribute	Enter object attribute. Press F4 for a full list of attribute.
System	Name = enter the system name *ALL = all systems

5. Enter the parameters for the object you want to define and press **Enter**.
The second **Add IFS Object Security Template** appears.

```

Add IFS Object Security Template                                System: RLDEV
Object . . . : /joe/                                         Type . . . : CMD
                                                           Attribute . : *ALL
                                                           System . . : *ALL

Type information to verify, press Enter. (Blank fields are not verified)
Authorization list . _____ Name, *NONE
Owner . . . . . _____ Name
Primary group . . . _____ Name, *NONE
Auditing value . . . _____ *USRPRF, *ALL, *CHANGE, *NONE
Directory subtree . . *NONE *ALL, *NONE
Replace specific aut. N Y=Yes, A=Add, N=No change
  Object      Data      -----Object----- -----Data-----
User   Authority Authority Exist Mgt Alter Ref  Opr  Read Add Upd Dlt Exec
-----
_____
_____
_____
_____
_____
_____
More...
F3=Exit  F4=Prompt  F10=Replace by current authority  F12=Cancel
F22=Display entire link

```

Parameters	Description
Authorization list	Name = enter authorization list name *NONE Press F4 to view a list of the authorization list
Owner	Name = enter User's name
Primary Group	Another owner of the object Name = enter primary group name *NONE Press F4 to view a list of groups
Auditing Value	When to record object access *USRPRF = Every access to the object done by a specific user profile will be recorded *ALL = Every access to the object will be recorded *CHANGE = only changes in the object are recorded *NONE =
Replace specific aut.	Y=Yes, replace current authorization A=Add to the current authorizations N=No change
User/Object Authority	User = Type a specific User Name or press F4 to view a list of Users Object Authority =Type one of the following options *ALL *NONE Data Authority =Type one of the following options *RWX *RX *RW *WX *R *W *X *EXCLUDE *NONE *AUTL (for *PUBLIC only) Define the actions a user can perform on a specific object within the library: <ul style="list-style-type: none"> ■ Exist = authority to control the object's existence and ownership ■ Mgt = Object management authorit ■ Alter = authority to change the attributes of an object ■ Ref = specify the object as the first level in a referential constraint. ■ Opr = Object operational authority ■ Read = access the object contents ■ Add = add entries to the object. ■ Upd = change the content of existing entries in the object. ■ Dtl = remove entries from the object ■ Execute = authority to run a program or search a library or directory.

6. Enter the parameters for the object you want to define and press **Enter**.

Copying IFS Object Security Template

1. Select **1. Work with Templates** in the IFS Object Security menu (*STRCMP > 3*). The **Work with IFS Object Security Templates** window appears.
2. Enter **3** on each row you want to copy and press **Enter**. The **Copy IFS Object Security Template** screen appears.

Copy IFS Object Security Template		System: RLDEV	
Type choices, press Enter.			
To type	<u>*SAME</u>	Type, *SAME *ALL	
To attribute	<u>*SAME</u>	Attr, *SAME *ALL	
Object Link		Type/Attr.	New Object Link
/alex/		*ALL	<u>/alex/</u>
/joe/		*ALL	<u>/joe/</u>

F3=Exit F4=Prompt F12=Cancel F22=Display entire link

3. In the **Type** field, enter the type or *SAME to leave it unchanged. In the **Attribute** field, enter the attribute or *SAME to leave it unchanged. Press **Enter**.

The data is copied and displayed in the table below, as well as in the updated **Work with IFS Object Security Templates** screen.

Changing IFS Object Security Templates

1. Select **1. Work with Templates** in the IFS Object Security menu (*STRCMP > 3*). The **Work with IFS Object Security Templates** screen appears.
2. To change batches of IFS object security planning, enter option **6** for each row you want to change and press **Enter**. The **Global Change of IFS Object Compliance Policy** screen appears.

```
Global Change of IFS Object Compliance Policy System: RLDEV
Type information to verify, press Enter. (Blank fields are not verified)

Authorization list . *NONE          Name, *NONE
Owner . . . . . ALEX3             Name
Primary group . . . *NONE          Name, *NONE
Auditing value . . . _____    *USRPRF, *ALL, *CHANGE, *NONE
Object Link
/alex/                Type/Attr. System  Auth. List
/joe/                 CMD          *ALL      *NONE

F3=Exit  F4=Prompt  F12=Cancel  F22=Display entire link
```

3. For the **Authorization list**, **Owner**, **Primary group** and **Auditing value**, enter the specific changes to make and press Enter.

The data is changed and displayed in the screen, as well as in the updated **Work with IFS Object Security Templates** screen.

Display and Update IFS Object Security Settings

1. Select **11. Work with Exceptions** in the IFS Object Security menu (*STRCMP > 3*). The **Check Current Object Security with Templates** screen appears.

```

Check Current Object Security with Templates
Subset . . . . _____
Type options, press Enter.
1=Check   6=Print   8=Check in batch   9=Set to template

Opt Object Link                                Type/Attr. System   Dir.
-   *ALL                                           *ALL   *ALL   *NONE
-   /alex/*ALL                                     STMF   *ALL   *NONE
-   /joe/*ALL                                       CMD    *ALL   *NONE
-   /tmp/*ALL                                       STMF   *ALL   *NONE

Bottom

Use F4 instead of Enter to get additional control.

F3=Exit   F4=Prompt   F12=Cancel   F22=Display entire link

```

2. Type **1** to check the objects or **8** to check in batch. The **IFS Object Security Exceptions** screen appears.
3. Type **1** to view the current security settings. The **Current Object Compliance** screen appears; the mismatch fields appear on a black background. The screen details the current object authority at the bottom of the screen.
4. Type **5** in the **IFS Object Security Exceptions** screen to view the planned security settings. The **Template Compliance** screen appears; the mismatch fields will appear on a black background. The screen details the template object authority at the bottom of the screen.
5. Type **8** in the **IFS Object Security Exceptions** screen to modify the object security plan.

6. To adjust the object authorization settings to the plan, type **9** in the **IFS Object Security Exceptions** screen, and the **Set object compliance to template** screen will appear displaying the planned authorization settings.
7. Press **Enter** to confirm and change single object authority.

Set By Commands

The options in this section allow you to check the current settings and, if necessary, to reset the settings to the template settings. The table below describes the parameters for all of the options in this section.

The options for the parameters shown below include all options for all fields, as this table is for all the Set By Commands. Where the parameter appears with a > next to it, the parameter has been preset and should not be changed.

Parameters	Description
IFS Object Directory	Print the report for a specified IFS Object Directory.
Object type	*ALL – Print the report for all object types. Name – Print the report for a specific object type only. Press F4 for a list of object types.
Object attribute	*ALL – Print the report for all object attributes. Name – Print the report for a specific object attribute only. Press F4 for a list of object types.
Number of records to process	Number – the number of records to process from the input file *NOMAX – process all records
Output	* *NONE *PDF *HTML *CSV *OUTFILE *PRINT *PRINT1 *PRINT2 *PRINT3 *PRINT4 *PRINT5 *PRINT6 *PRINT7 *PRINT8 *PRINT9
Create work file	*YES *NO
Set authority to template	*YES *NO
Job description	Name *NONE

Parameters	Description
/ Library	
File to receive output / Library	Name – Enter the name of the Outfile to receive the data in the given Library *AUTO – to create a name for the Outfile in the given Library
Output member options	The member to receive the Outfile Name – Enter the name of the member in the Outfile *FIRST – Use the first member of the Outfile *FILE – Use the member with the same name as the Outfile itself
Replace or add records	*REPLACE – Replace records in an existing member with the records created now *ADD – Add the records created now to the records that already exist in the member
Mail to	Enter the email addresses to receive the Compliance Report
Mail text	Enter a text for the mail.
Object size to allow attach	Enter the maximum size for the attachment to the email. Number – Enter the maximum size of the attachment in megabytes *NO – Do not allow an attachment *NOMAX – There is no maximum size for the attachment
Delete if attached	*NO – Do not delete the original file if attaching it to an email *YES – Delete the original file if attaching it to an email
Object	Name – Enter the name of the object *AUTO – to create a name for the object
Directory	/iSecurity/report output/ *DATE

Print and Send Security Settings

1. To print IFS Object Compliance settings, select **21. Print** in the IFS **Object Security** menu (*STRCMP > 3*). The **IFS Object Compliance** screen appears. Enter the parameters for report you need and press Enter.

```

                                IFS Object Compliance (WRKIOC)

Type choices, press Enter.

IFS Object Directory . . . . . _____

-----
Object type . . . . . *ALL          *ALL, AUTL, BLKSF, CFGL...
Object attribute . . . . . *ALL          *ALL, BAS, BASP, C, CBL...
Number of records to process . . *NOMAX      Number, *NOMAX
Output . . . . . > *PRINT          *, *PRINT, *PDF, *HTML..
Directory subtree . . . . . *NONE       *ALL, *NONE
Create work file . . . . . *YES         *YES, *NO
Set authority to template . . . > *NO          *YES, *NO
Job description. . . . . *NONE         Name, *NONE
  Library . . . . . _____      Name, *PRODUCT, *LIBL...

                                                    Bottom
F3=Exit   F4=Prompt   F5=Refresh   F10=Additional parameters   F12=Cancel
F13=How to use this display   F24=More keys
  
```

2. To send IFS Object Compliance settings to an outfile, *STRCMP > 3 > 22. OUTFILE (Output File)*. The **IFS Object Compliance** screen appears. Enter the parameters for report you need and press Enter.
3. To send IFS Object Compliance settings in an Email as a PDF or an HTML file, *STRCMP > 3 23. PDF file (E-Mail Output)* or *STRCMP > 68 > 3 > 24. HTML file (E-Mail Output)*. The **IFS Object Compliance** screen appears. Enter the parameters for report you need and press Enter.