iSecurity User Provisioning

User Guide
Version 4

www.razlee.com

Contents

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 ProvisioningUser 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.

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 page 7.

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

STRACT **> 81 > 32**

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

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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User Provisioning Overview

User Provisioning helps organizations more quickly, cheaply, reliably, and securely to manage information about users on multiple systems and applications.

People are represented by user objects or login accounts on different systems and applications.

User objects generally consist of:

- A unique identifier.
- A description of the person who has been assigned the user object—principally their name.
- Contact information for that person, such as their e-mail address, phone numbers, mailing address, etc.
- Organizational information about that person, such as the ID of their manager, their department or their location.
- A password and/or other authentication factors.

User provisioning systems are intended to help organizations streamline user lifecycle processes so that updates to user objects on their systems and applications can be made:

- More quickly—so users don't have to wait for changes.
- More efficiently—to reduce the cost of managing systems and applications in response to user lifecycle events.
- More securely—to reduce the risk of system compromise due to user objects that have outlived their usefulness, due to inappropriate security entitlements and due to easily guessed or otherwise compromised passwords.

Organizations implement business processes to create, manage and delete user objects on their systems and applications:

- Onboarding:
- Management:

- Support:
- Deactivation:

User Provisioning frees up Help Desk resources, while at the same time drastically reducing the number of human errors introduced into the IBM i user profile definitions. There is a well-defined, easy-to-implement workflow which ensures painless integration into any company's user structure.

Getting Started

This section describes the first steps you need to take when you start working with **User Provisioning**, as well as listing the standard field names, option s and command keys used in the product.

Standard Fields, Options, and Command Keys

All standard fields, options and command keys are described in the table below. However, some standard command keys are not documented here as they need to have links in their description in each specific UI (for example, F6).

Field/Option/Command Key	Description
Library	Library name. Depending on the context, you may need to enter a specific Library Name, a generic Library Name (for example, ABC*), or you may also be allowed to enter *ALL.
Opt	The option you want to use on the selected item from the list. Put the cursor on the **`Opt`** field in the appropriate row and then either type the required option in the field or click on the required option in the list of options at the top of the screen.
Subset	Limits the list being displayed to only those members of the list whose value contains the value in the subset field. Use the **`Subset`** field to make it easier to access the specific value you are searching for.
F3=Exit	Exits from the current display or option, and returns to the calling display. In most cases, any information you have added or changed on the current display is discarded.
F4=Prompt	Displays a prompt window containing additional information about the current input prompt, usually in the form of a list. You may be able to choose any value from this list by typing 1 in the Opt prompt next to the value you want to use. Prompt is context-sensitive. You need to position the cursor on the input prompt to which the information applies before you press **`F4`** .
F12=Cancel	Exits from the current display or option, and returns to the previous display. Any information you have added or changed on the current display is discarded.
1=Select	Displays the selected item in a list in a screen that allows you to modify the selected item.

Field/Option/Command Key	Description
3=Copy	Displays a screen that allows you to copy the selected item. You will be able to change the major identifier of the item. You will then the need to select the new item to make all other necessary changes.
4=Delete	Deletes the selected item in a list. You may be asked to confirm your choice before the delete operation is performed.

Accessing User Provisioning

You access all **User Provisioning** functionality through the User Provisioning main menu.

To access the system:

- Type ***strusrprv*** in the command line and press **Enter**. The **User Provisioning** Main Menu appears.

```
USMAIN                    User Provisioning                 iSecurity
                                                            System: S520
Persons                                Reporting
 1. Personal Information               41. Queries and Reports
                                       45. Check Users Compliance to Template
Provisioning                           46. Set Users by Template
11. Work with Provisioning

15. Create UsrPrf by Template          Related Subjects
16. Change UsrPrf by Template          61. Help Desk User Support
                                       62. User Management
Definitions                            63. User Profile Security
31. Systems by Role (Loc-Dep-Pos)      64. Copy Persons Info
32. Locations
33. Departments                        Maintenance
34. Positions                          81. System Configuration
35. User Profile Templates             82. Maintenance Menu
                                       83. Central Administration
Selection or command
===>

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

User Provisioning Main Menu

Field/Option/Command Key	Description
1. Personal Information	Opens the Work with Persons screen, where you define and modify User definitions.
11. Work with Provisioning	Opens the Work with Provisioning screen, where you define roles for Persons.
15. Create UsrPrf by Template	Opens the Create User by Template screen.
16. Change UsrPrf by Template	Opens the Change User by Template screen.
31. Systems by Role (Loc-Dep-Pos	Opens the Work with Systems for Roles - Select Location screen, where you can define which systems can be worked on by which Roles.
32. Locations	Opens the Work with Locations screen, where you can define the locations of your organization.
33. Departments	Opens the Work with Departments screen, where you can define the departments of your organization.
34. Positions	Opens the Work with Positions screen, where you can define the positions of your organization.
35. User Profile Templates	Opens the Work with Templates Definition screen.
41. Queries and Reports	Opens the Queries Menu, from which you can run the various User Provisioning queries and reports.
45. Check Users Compliance to Template	Opens the Work with User Compliance screen.
46. Set Users by Template	Opens the Work with User Compliance screen.
61. Help Desk User Support	Opens the Action Work with Users screen.
62. User Management	Opens the User Management menu.

Field/Option/Command Key	Description
63. User Profile Security	Opens the User Compliance menu
64. Copy Persons Info	Opens the Copy Persons Info From Existing Files menu, from which you can synchronize existing personnel files with User Provisioning.
81. System Configuration	Opens the System Configuration menu, where you can configure the product and its relationship with other iSecurity products.
82. Maintenance Menu	Opens the Maintenance menu, where you can set internal product definitions.
83. Central Administration	Opens the Central Administration – Audit menu, where you set up network definitions, import definitions, export definitions, and so on.

Initial Setup

Before you can work with User Provisioning, you must ensure that all your staff members are correctly entered to the product database. Use the following workflow to do that.

3. Set up system definitions, using the System Configuration, Maintenance Menu, and BASE Support options.
4. Set up all the information relating to the structure of the organization, using the Definitions options.
5. Set up your Users, using the Persons and Provisioning options.

Working with User Provisioning

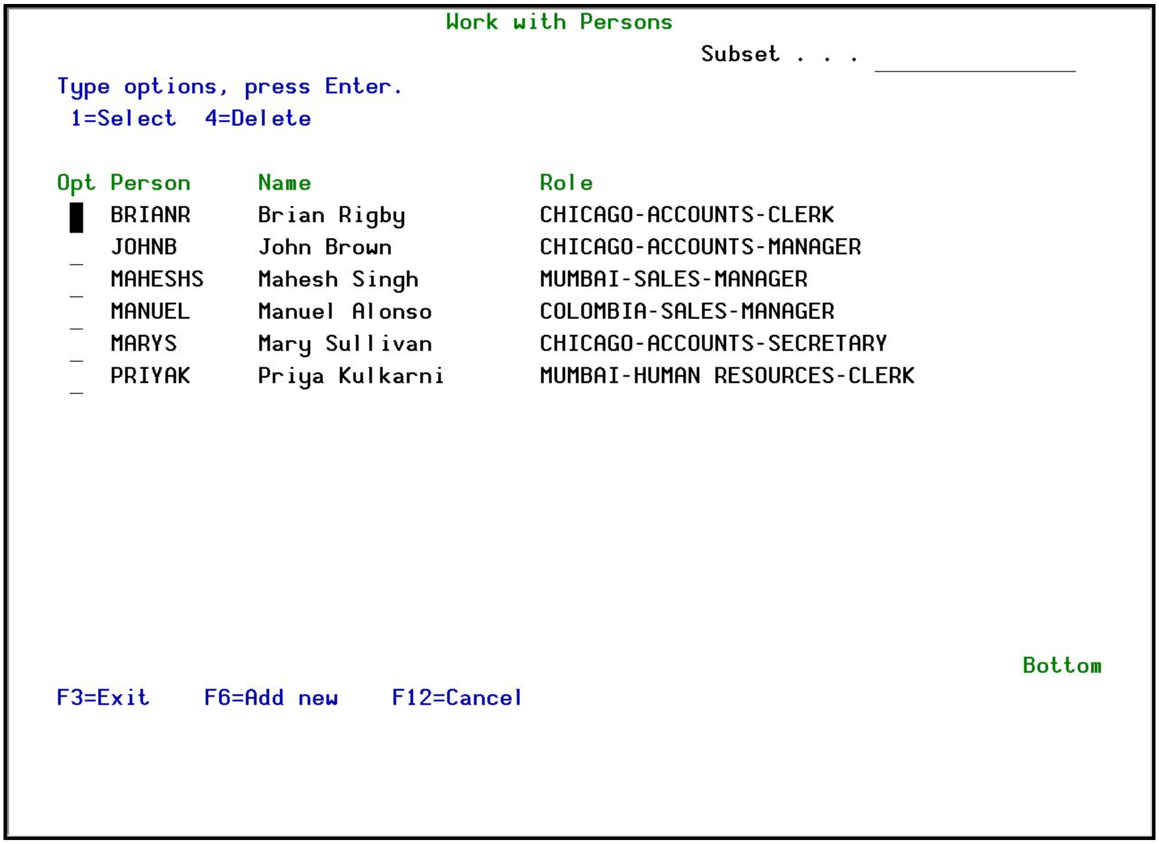
This section describes all the tasks that you can perform in **User Provisioning**. The tasks are described in the order they appear in the **User Provisioning** main menu.

Persons

Create a New Person

To add persons:

1. Select **1. Personal Information** in the **User Provisioning** main menu. The **Work with Persons** screen appears.



Work with Persons screen

2. Press **F6=Add new**. The **Add New Person** screen appears.

```
                              Add New Person

 Person . . . . . . . . .   _
 First name . . . . . . .   
 Family name . . . . . . .  
 Birthday . . . . . . . .    7/12/14
 ID Number . . . . . . . .  
 Employee number . . . . .  
 Cell phone . . . . . . .   
 Office phone . . . . . .   
 E-Mail address . . . . .   

 Preferred language . . .   ENG
 Default User ID. . . . .   
 Password Reset Class . .   *DFT                         Name, *DFT, *NEVER
 Role (Loc-Dep-Pos) . . .   



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

Add New Person screen

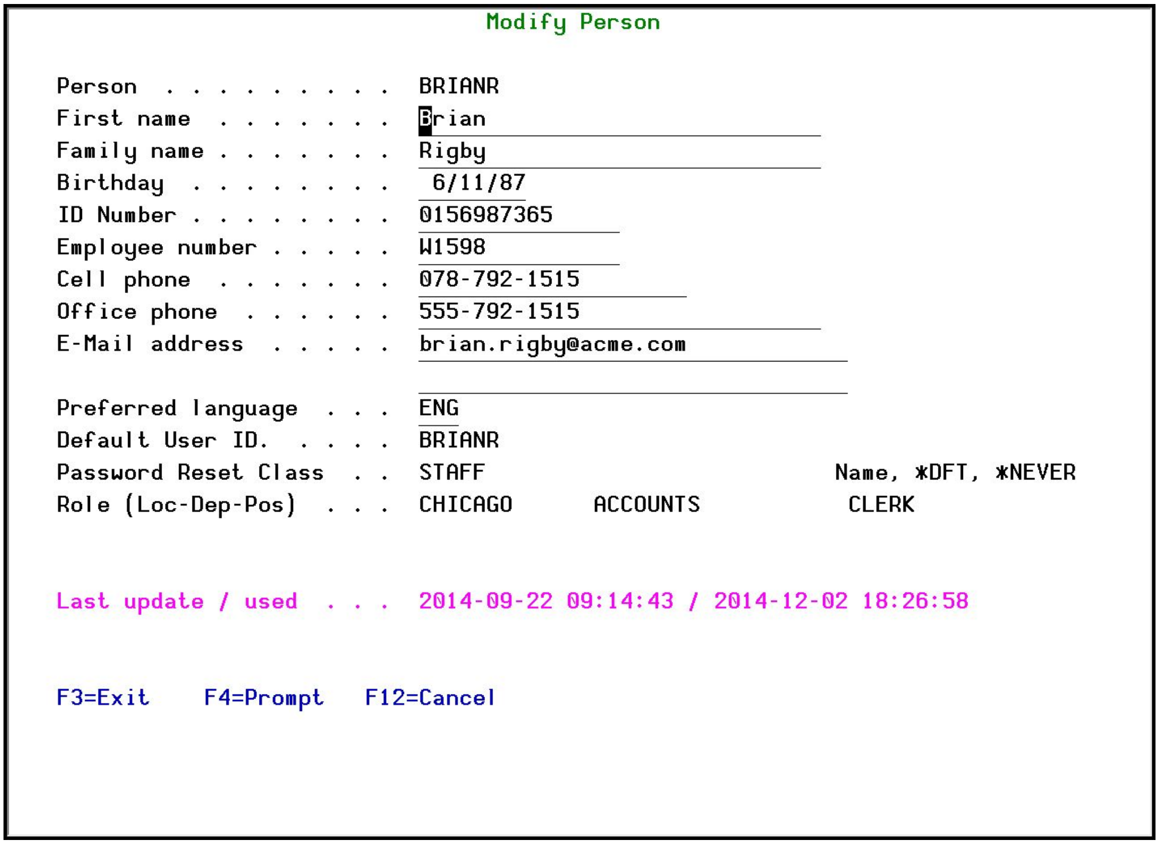
Field/Option/Command Key	Description
Person	The unique identifier of the Person.
First name	The first name of the Person.
Family name	The family name or surname of the Person.
Birthday	The birthday of the Person – can be used for the unique identification of the Person.
ID Number	The national ID number of the person – can be used for the unique identification of the Person.
Employee number	The employee number of the Person within the organization - can be used for the unique identification of the Person.
Cell phone	The cell phone number of the Person – can be used for the unique identification of the Person. Can also be used to send notification of a new password.
Office phone	The office phone number of the Person – can be used for the unique identification of the Person.
E-Mail address	The email address of the person - can be used for the unique identification of the Person. Can also be used to send notification of a new password.
Preferred language	Define the language in which this person will receive identity verification questions. Press **F4** to see a list of possible options.

3. Enter the Person definitions and press **Enter**. The new Person is added and now appears in the **Work with Persons** screen.

Modify a Person

To modify persons:

1. Select **1. Personal Information** in the **User Provisioning** main menu. The **Work with Persons** screen appears.
2. Select the Person to modify and press **1=Select**. The **Modify Person** screen appears.



```
                                Modify Person

 Person . . . . . . . . . .   BRIANR
 First name  . . . . . . .    Brian
 Family name . . . . . . .    Rigby
 Birthday  . . . . . . . .     6/11/87
 ID Number . . . . . . . .    0156987365
 Employee number . . . . .    W1598
 Cell phone  . . . . . . .    078-792-1515
 Office phone  . . . . . .    555-792-1515
 E-Mail address  . . . . .    brian.rigby@acme.com

 Preferred language  . . .    ENG
 Default User ID.  . . . .    BRIANR
 Password Reset Class  . .    STAFF                        Name, *DFT, *NEVER
 Role (Loc-Dep-Pos)  . . .    CHICAGO     ACCOUNTS          CLERK


 Last update / used  . . .    2014-09-22 09:14:43 / 2014-12-02 18:26:58


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

Modify Person screen

Field/Option/Command Key	Description
Person	The unique identifier of the Person (read only)
First name	The first name of the Person.
Family name	The family name or surname of the Person.
Birthday	The birthday of the Person – can be used for the unique identification of the Person.
ID Number	The national ID number of the person – can be used for the unique identification of the Person.
Employee number	The employee number of the Person within the organization - can be used for the unique identification of the Person.
Cell phone	The cell phone number of the Person – can be used for the unique identification of the Person. Can also be used to send notification of a new password.
Office phone	The office phone number of the Person – can be used for the unique identification of the Person.
E-Mail address	The email address of the person - can be used for the unique identification of the Person. Can also be used to send notification of a new password.
Preferred language	Define the language in which this person will receive identity verification questions. Press **F4** to see a list of possible options.

3. Update the Person definitions as required and press **Enter**. The Person is updated and the updated information now appears in the **Work with Persons** screen.

NOTE: For how to update the Default User ID, Password Reset Class, and Role fields, see Work with Provisioning.

Delete a Person

To delete persons:

1. Select **1. Personal Information** in the **User Provisioning** main menu. The **Work with Persons** screen appears.
2. Select the Person to delete and press **4=Delete**. The **Delete Person** screen appears.

```
                                Delete Person

Person . . . . . . . . . .  JOHNB
First name . . . . . . . .  John
Family name . . . . . . .   Brown
Birthday . . . . . . . . .   9/05/74
ID Number . . . . . . . .   0168347592
Employee number . . . . .   W56742
Cell phone . . . . . . . .  078-365-4984
Office phone . . . . . . .  555-365-4984
E-Mail address . . . . . .  john.brown@acme.com

Prefered language . . . .   ENG
Default User ID. . . . . .  JOHNB
Password Reset Class . . .  MANAGER                        Name, *DFT, *NEVER
Role (Loc-Dep-Pos) . . . .  CHICAGO      ACCOUNTS           MANAGER


Last update / used . . . .  2014-09-22 09:23:37 / *NONE


F3=Exit    F4=Prompt   F12=Cancel

Press Enter to confirm DELETE.
```

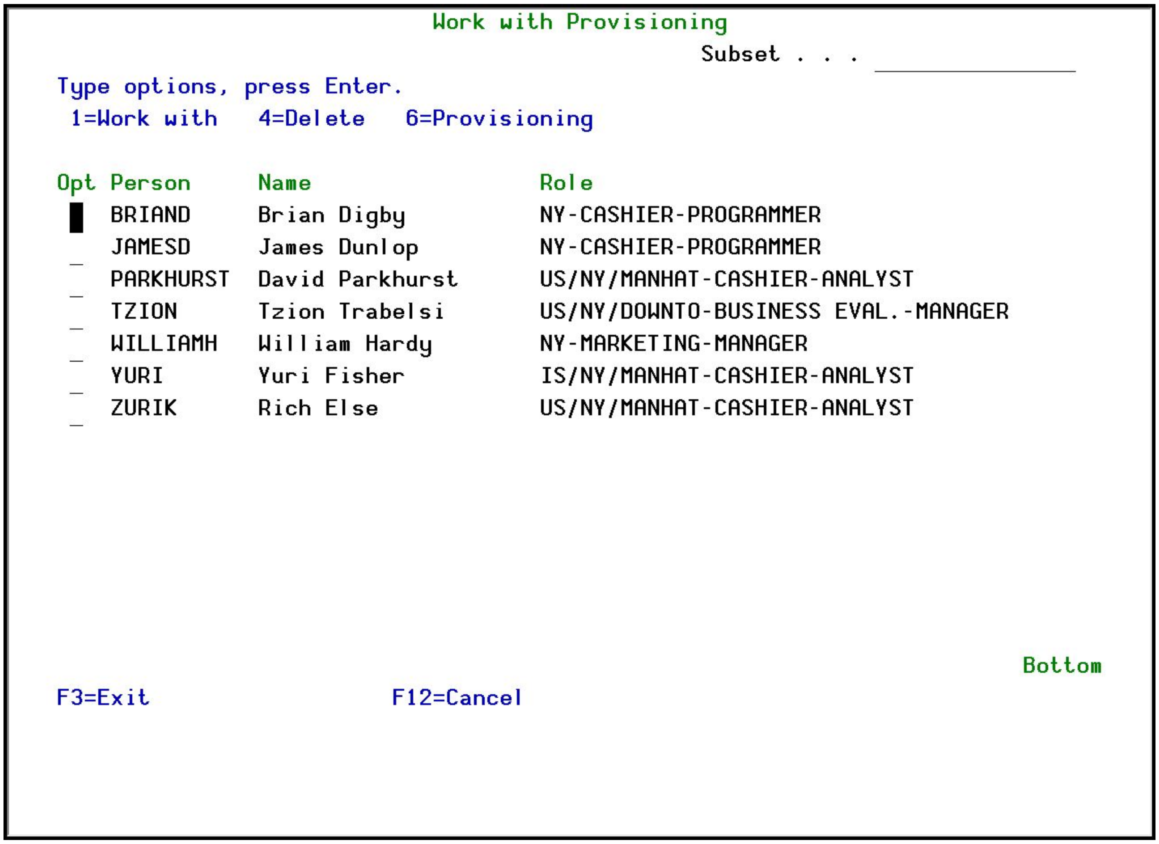
Delete Person screen

3. Press **Enter**. The Person is deleted and the updated **Work with Persons** screen appears.

Provisioning

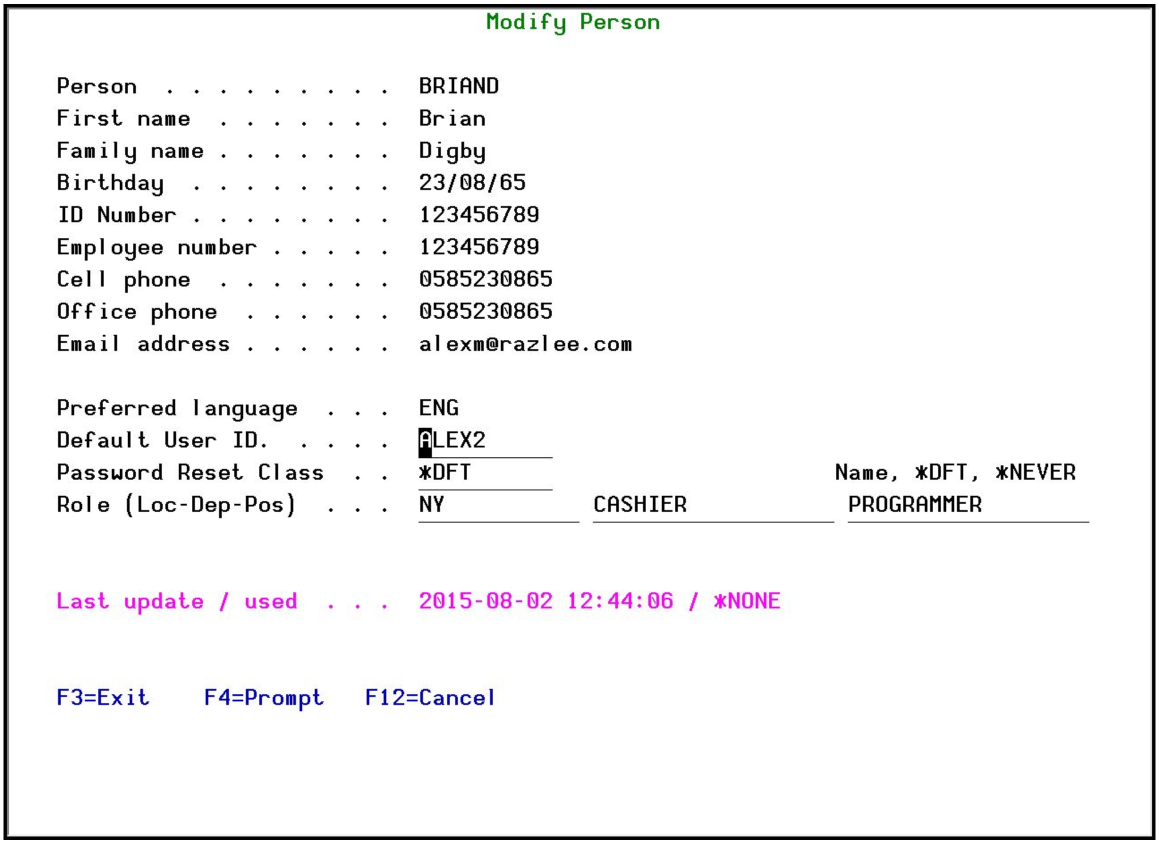
Work with Provisioning

1. Select **11. Work with Provisioning** in the **User Provisioning** main menu. The **Work with Provisioning** screen appears.



Work with Provisioning screen

2. Select the Person to work with and press **1=Work with**. The **Modify Person** screen appears.



Modify Person screen

Field/Option/Command Key	Description
Preferred language	Define the language in which this person will receive identity verification questions. Press **F4** to see a list of possible options.
Default User ID	The preferred User ID of the Person on the IBM i. It is used to create the User Profiles for the Person.
Password Reset class	Define the Password Reset class to which the person belongs. Press **F4** to see a list of possible options. If you do not want one of the options, you can enter either *DFT to use default settings or *NEVER to define the Password Reset class will not be used. The Password Reset class defines how verification will be performed for the user when resetting passwords.
Role (Loc-Dep-Pos)	The combination of Location, Department, and Position defines the Role (permissions profile) for the user. Press **F4** to see a list of possible options. The Role is used to define to which systems the user should be provisioned.

3. Update the Person definitions as required and press **Enter**. The Person is updated and the updated information now appears in the **Work with Provisioning** screen.

Delete a Person

To delete a person:

1. Select **11. Work with Provisioning** in the **User Provisioning** main menu. The **Work with Provisioning** screen appears.
2. Select the Person to delete and press **4=Delete**. The **Delete Person** screen appears.

```
                                Delete Person

Person  . . . . . . . . .   JOHNB
First name  . . . . . . .   John
Family name . . . . . . .   Brown
Birthday  . . . . . . . .    9/05/74
ID Number . . . . . . . .   0168347592
Employee number . . . . .   W56742
Cell phone  . . . . . . .   078-365-4984
Office phone  . . . . . .   555-365-4984
E-Mail address  . . . . .   john.brown@acme.com

Prefered language . . . .   ENG
Default User ID.  . . . .   JOHNB
Password Reset Class  . .   MANAGER                       Name, *DFT, *NEVER
Role (Loc-Dep-Pos)  . . .   CHICAGO     ACCOUNTS           MANAGER


Last update / used  . . .   2014-09-22 09:23:37 / *NONE


F3=Exit    F4=Prompt   F12=Cancel

Press Enter to confirm DELETE.
```

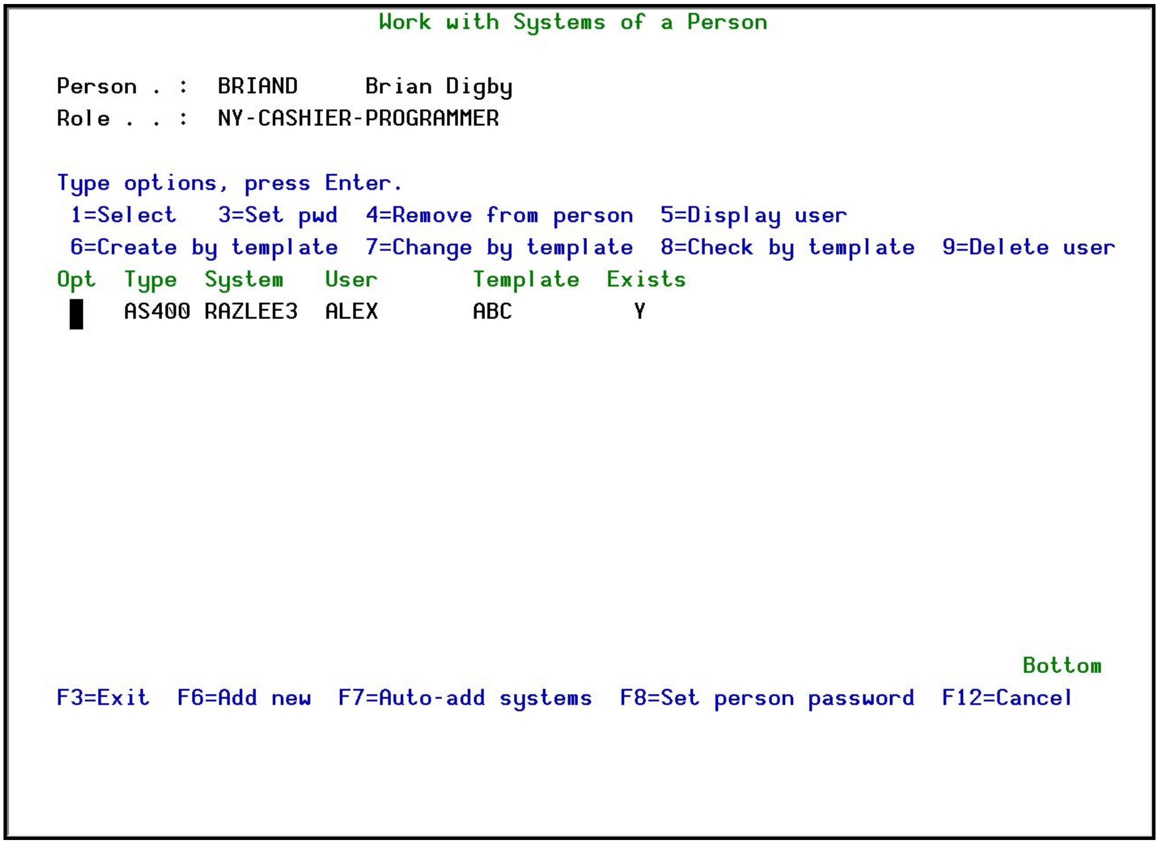
Delete Person screen

3. Press **Enter**. The Person is deleted and the updated **Work with Provisioning** screen appears.

Provisioning a Person

To associate a person with a User Profile on one or more systems, or to modify the association between the Person and the User Profile:

1. Select **11. Work with Provisioning** in the **User Provisioning** main menu. The **Work with Provisioning** screen appears.
2. Select the Person to provision and press **6=Provisioning**. The **Work with Systems of a Person** screen appears.



Work with Systems of a Person screen

Field/Option/Command Key	Description
1=Select	Allows you to change the System and User Profile template associated with the Person on a specific computer. See Modify a User for a Person for more details.
3=Set pwd	Allows you to change the password for a specific User Profile associated with the person. See Set Password for Individual Users for more details.
4=Remove from person	Allows you to disassociate a User Profile on a specific system from the Person. See Remove a User From a Person for more details.
5=Display user	Displays the full User Profile for this User on a given System. See Display User for more details.
6=Create by template	Allows you to create a User Profile on a specific system, based on the template defined for the profile. This option is only available for User Profiles that do not exist on the required system. See Create by template for more details.
7=Change by template	Allows you to change a User Profile on a specific system, to the values in the template defined for the profile. This option is only available for User Profiles that exist on the required system. See Change by template for more details.
8=Check by template	Allows you to check that the values for a User Profile on a specific system are the same as the values in the template defined for the profile. This option is only available for User Profiles that exist on the required system. See Check by Template for more details.
9=Delete user	Allows you to delete a User Profile from a specific system. See Delete User for more

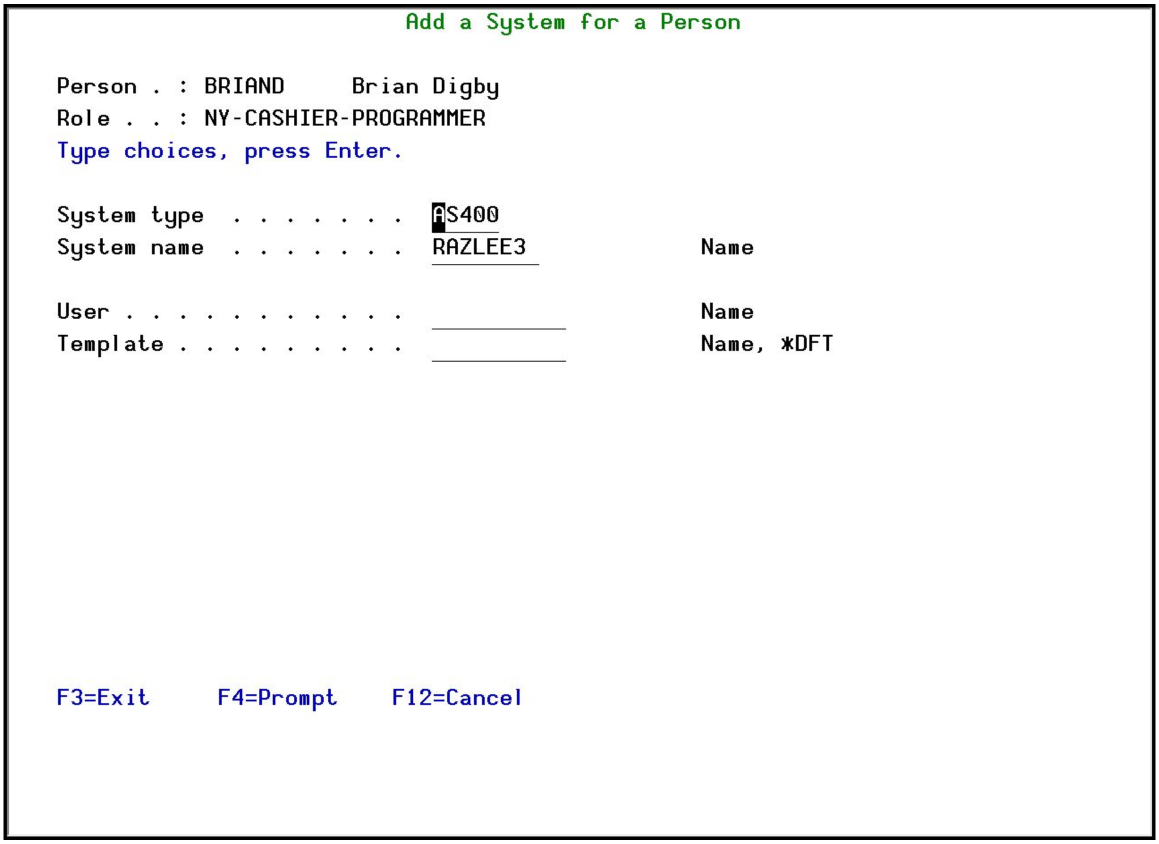
Field/Option/Command Key	Description
	details.
F6=Add new	Allows you to associate a User Profile and System with the Person. See Add a New System/User for the Person for more details.
F7=Auto-add systems	Allows you to associate all defined systems with the Person, using the Person's default User ID. See Add New Systems for the Person for more details.
F8=Set person password	Allows you to set a single password for all User Profiles associated with the person. See Set the Password for the Person for more details.

3. Select the option with which you want to work and continue with the appropriate procedure, as shown in the table.

Add a New System/User for the Person

To associate a new System/User with a person:

1. Press **F6=Add new** in the **Work with Systems of a Person** screen. The **Add a System for a Person** screen appears.



Add a System for a Person screen

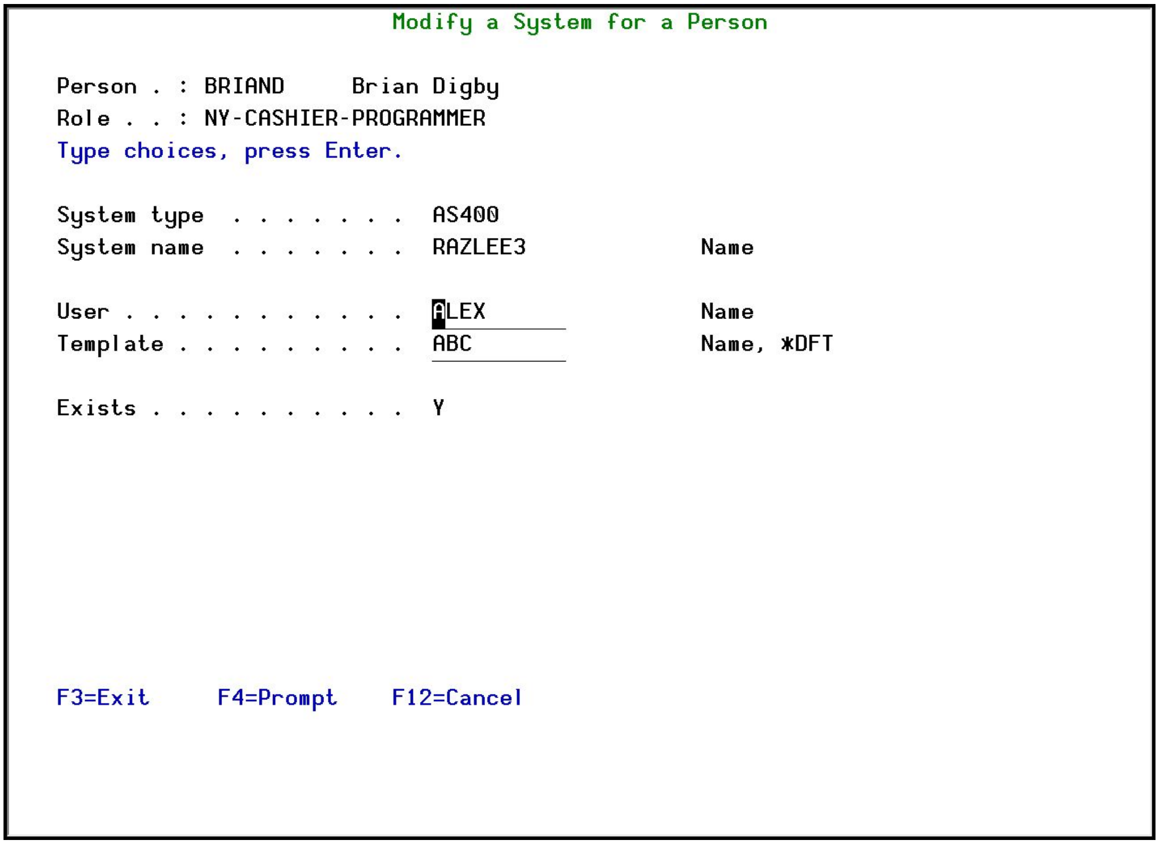
Field/Option/Command Key	Description
System type	The type of system, usually either AS/400 or LINUX
System name	This is one of the network systems that were defined using Work with network definitions . Press **F4** to see a list of possible options.
User	This is a User Profile on the System defined above. You can enter an existing User Profile name or a new one that will be created. Press **F4** to see a list of possible options for existing profiles.
Template	Enter one of the User Profile templates that were defined using Add a New User Profile Template . Press **F4** to see a list of possible options.

2. Enter the System, Profile, and Template definitions and press **Enter**. The new System/User is added to the Person and now appears in the **Work with Systems of a Person** screen.

Modify a User for a Person

To change the user/profile associated with a person on a given system:

1. Select User/System to be modified and press **1=Select** in the **Work with Systems of a Person** screen. The **Modify a System for a Person** screen appears.



Modify a System for a Person screen

Field/Option/Command Key	Description
User	This is a User Profile on the System defined above. You can enter an existing User Profile name or a new one that will be created. Press **F4** to see a list of possible options for existing profiles.
Template	Enter one of the User Profile templates that were defined using Add a New User Profile Template . Press **F4** to see a list of possible options.

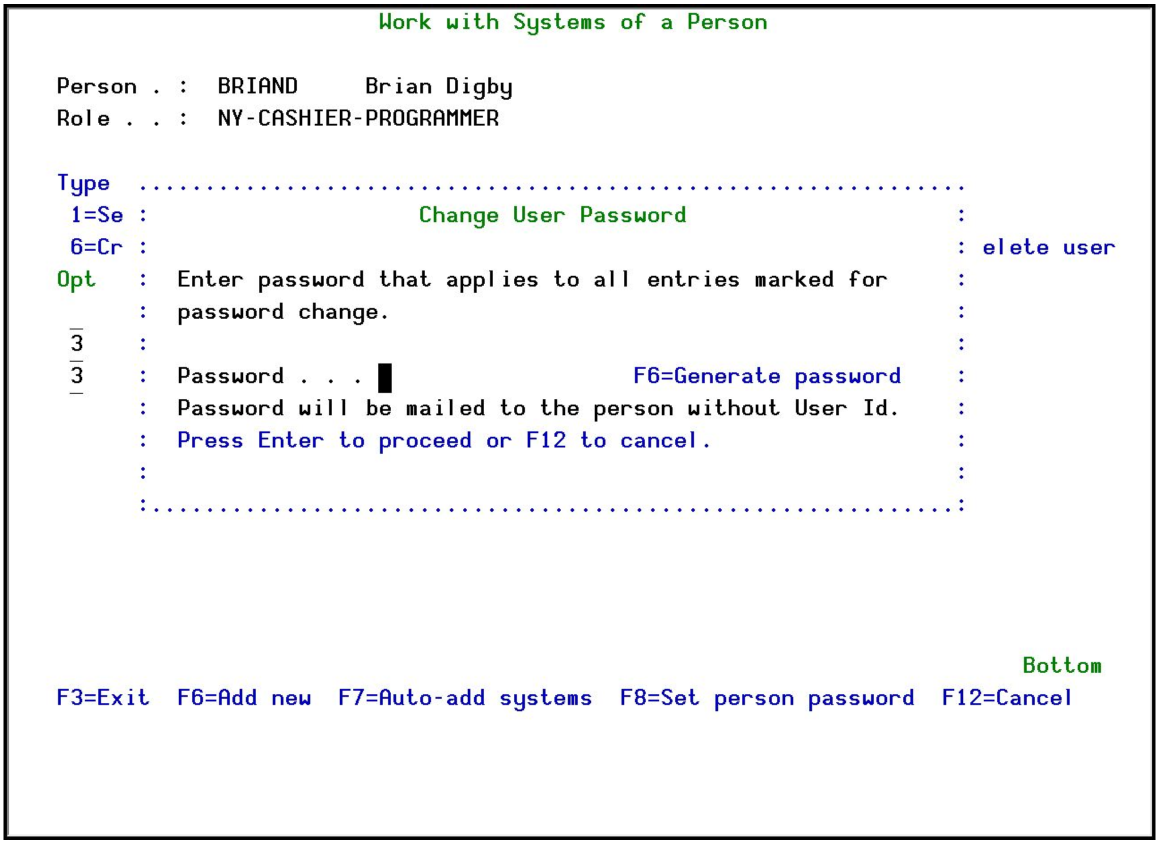
2. Enter the updated Profile and Template definitions and press **Enter**. The updated System/User now appears in the **Work with Systems of a Person** screen.

Set Password for Individual Users

To change the password of individual Users on specific systems:

1. Select the User/System for which you want to set the password and press **3=Set pwd** in the **Work with Systems of a Person** screen. The **Change User Password** window appears.

NOTE: You can select more than one User, if you want all those users to have the same password.



Change User Password screen

2. Do one of the following:

a. Press **F6** to generate a random password.

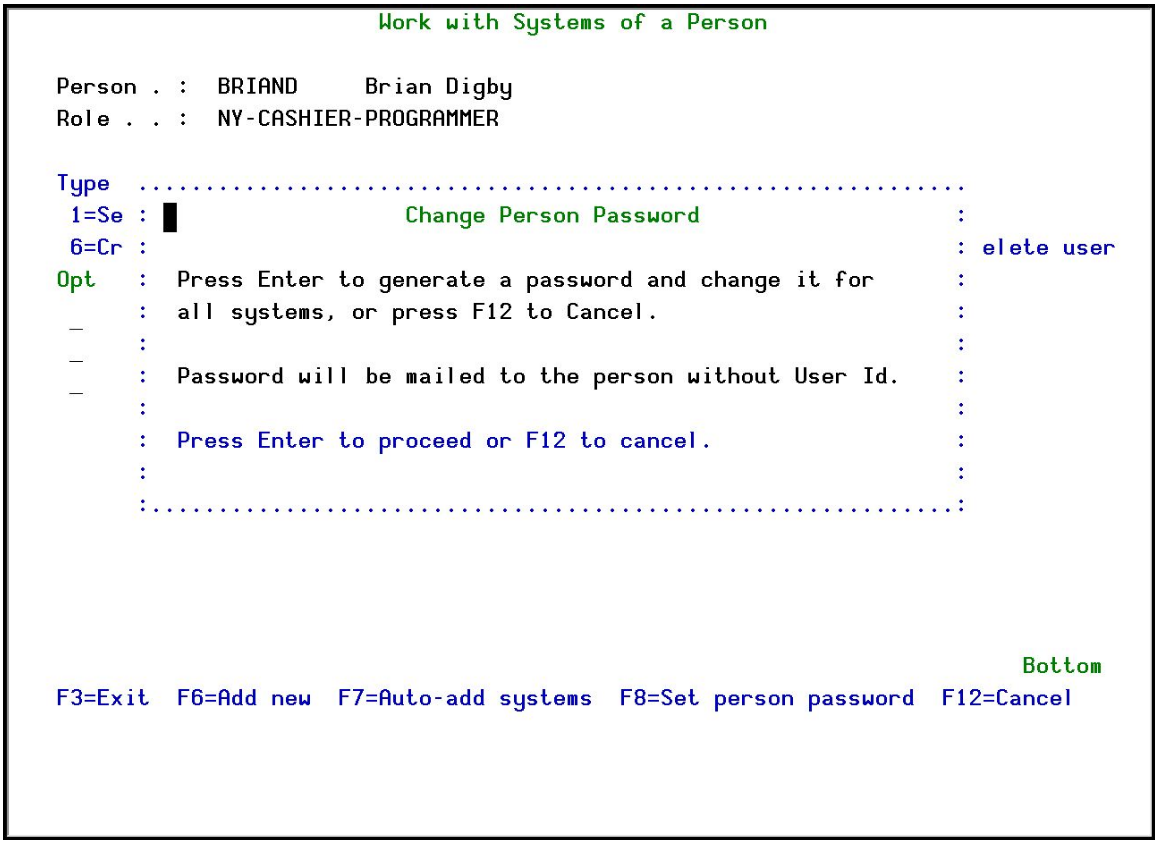
b. Type the new password and press **Enter**.

The new password is applied to the User on the selected system(s) and is also emailed to the Person.

Set the Password for the Person

To set a single password for all Users associated with the Person on all Systems in the Network:

1. Press **F8=Set person password** in the **Work with Systems of a Person** screen. The **Change Person Password** window appears.



Change Person Password screen

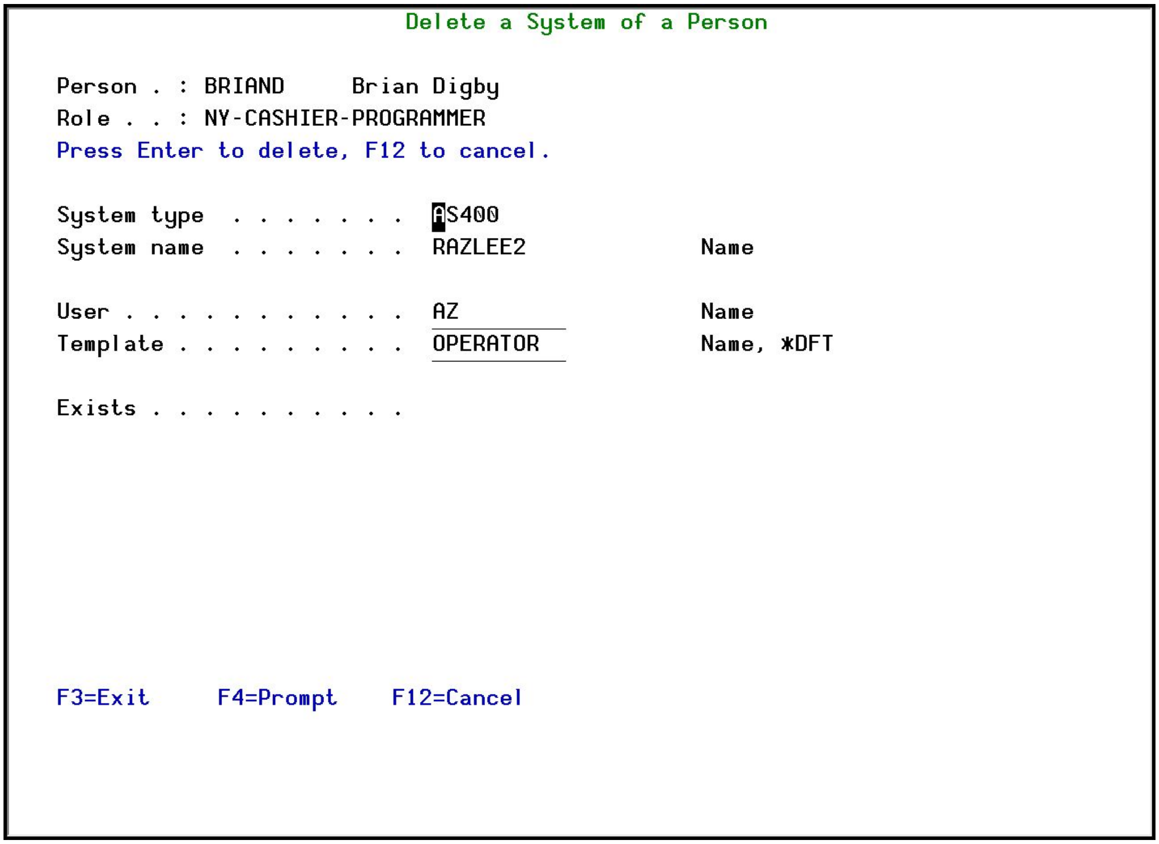
2. Press **Enter**. A new password will be generated and emailed to the Person.

Remove a User from a Person

To remove the association of a User on a specific System from a person:

NOTE: This procedure can only be performed when the actual User Profile does not exist on the requested system. If the User Profile exists, you must first delete it, as described in Delete User.

1. Select the User/System which you want to remove from the person and press **4=Remove from person** in the **Work with Systems of a Person** screen. The **Delete a System of a Person** screen appears.



Delete a System of a Person screen

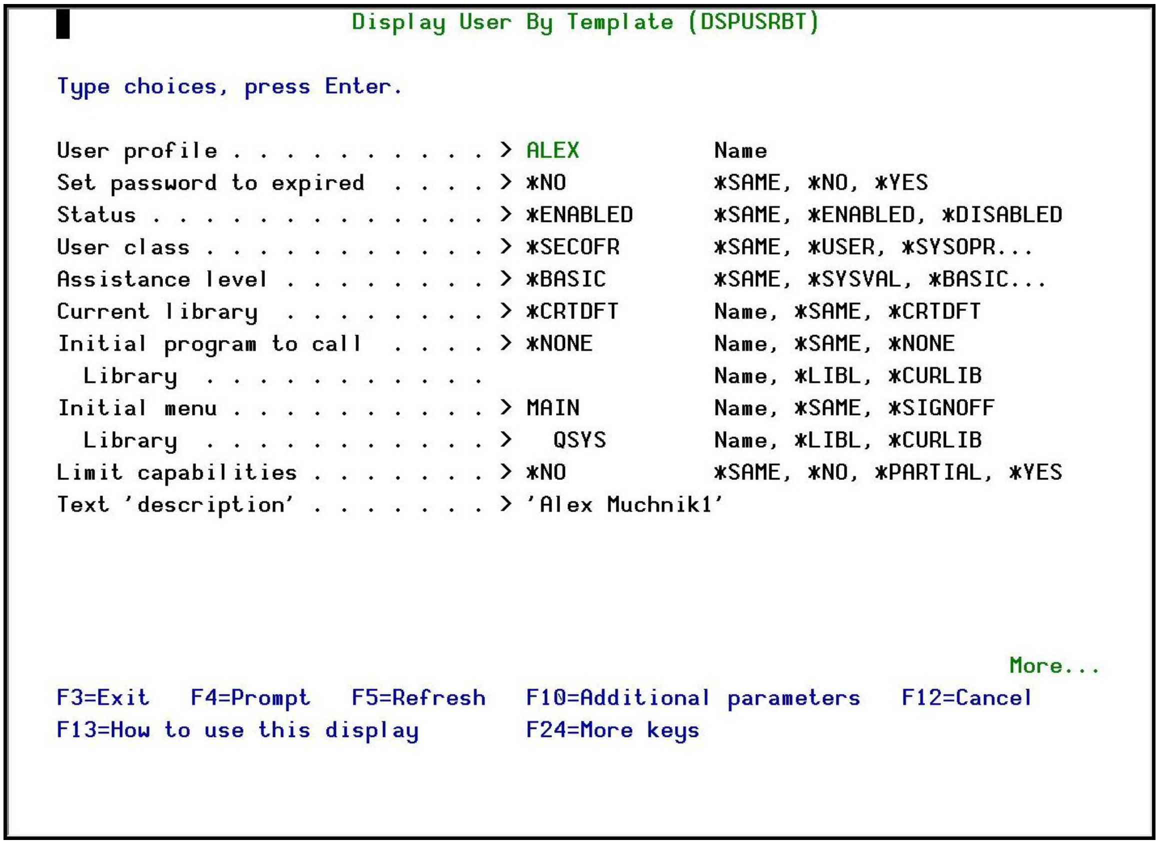
2. Press **Enter**. The User is removed from the Person and the updated **Work with Systems of a Person** screen appears.

Display User

To display the User Profile on a specific System:

NOTE: This procedure can only be performed when the actual User Profile exists on the requested system.

- Select the User/System for which you want to display the User Profile and press **5=Display user** in the **Work with Systems of a Person** screen. The **Display User By Template** screen appears.



```
                      Display User By Template (DSPUSRBT)

Type choices, press Enter.

User profile . . . . . . . . . . > ALEX          Name
Set password to expired  . . . . > *NO           *SAME, *NO, *YES
Status . . . . . . . . . . . . . > *ENABLED      *SAME, *ENABLED, *DISABLED
User class . . . . . . . . . . . > *SECOFR       *SAME, *USER, *SYSOPR...
Assistance level . . . . . . . . > *BASIC        *SAME, *SYSVAL, *BASIC...
Current library  . . . . . . . . > *CRTDFT       Name, *SAME, *CRTDFT
Initial program to call  . . . . > *NONE         Name, *SAME, *NONE
  Library  . . . . . . . . . . .                 Name, *LIBL, *CURLIB
Initial menu . . . . . . . . . . > MAIN          Name, *SAME, *SIGNOFF
  Library  . . . . . . . . . . . >   QSYS        Name, *LIBL, *CURLIB
Limit capabilities . . . . . . . > *NO           *SAME, *NO, *PARTIAL, *YES
Text 'description' . . . . . . . > 'Alex Muchnik1'

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

Display User By Template screen

Create by Template

To create a User Profile on a specific System based on the Person's default template:

NOTE: This procedure can only be performed when the actual User Profile does not exist on the requested system.

1. Select the User/System for which you want to create a User Profile and press **6=Create by template** in the **Work with Systems of a Person** screen. The **Create User Profile** screen appears, populated with the values from the Person's default template.

```
                       Create User Profile (CRTUSRPRF)

 Type choices, press Enter.

 User profile . . . . . . . . . . > AZ            Name
 User password  . . . . . . . . .   *USRPRF       Character value, *USRPRF...
 Set password to expired  . . . .   *NO           *NO, *YES
 Status . . . . . . . . . . . . .   *ENABLED      *ENABLED, *DISABLED
 User class . . . . . . . . . . . > *SYSOPR       *USER, *SYSOPR, *PGMR...
 Assistance level . . . . . . . .   *SYSVAL       *SYSVAL, *BASIC, *INTERMED...
 Current library  . . . . . . . .   *CRTDFT       Name, *CRTDFT
 Initial program to call  . . . .   *NONE         Name, *NONE
   Library  . . . . . . . . . . .                 Name, *LIBL, *CURLIB
 Initial menu . . . . . . . . . .   MAIN          Name, *SIGNOFF
   Library  . . . . . . . . . . .     *LIBL       Name, *LIBL, *CURLIB
 Limit capabilities . . . . . . .   *NO           *NO, *PARTIAL, *YES
 Text 'description' . . . . . . . > 'Brian Digby
       '

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

Create User Profile screen

For an explanation of the Create User Profile Fields, see the [official IBM documentation].

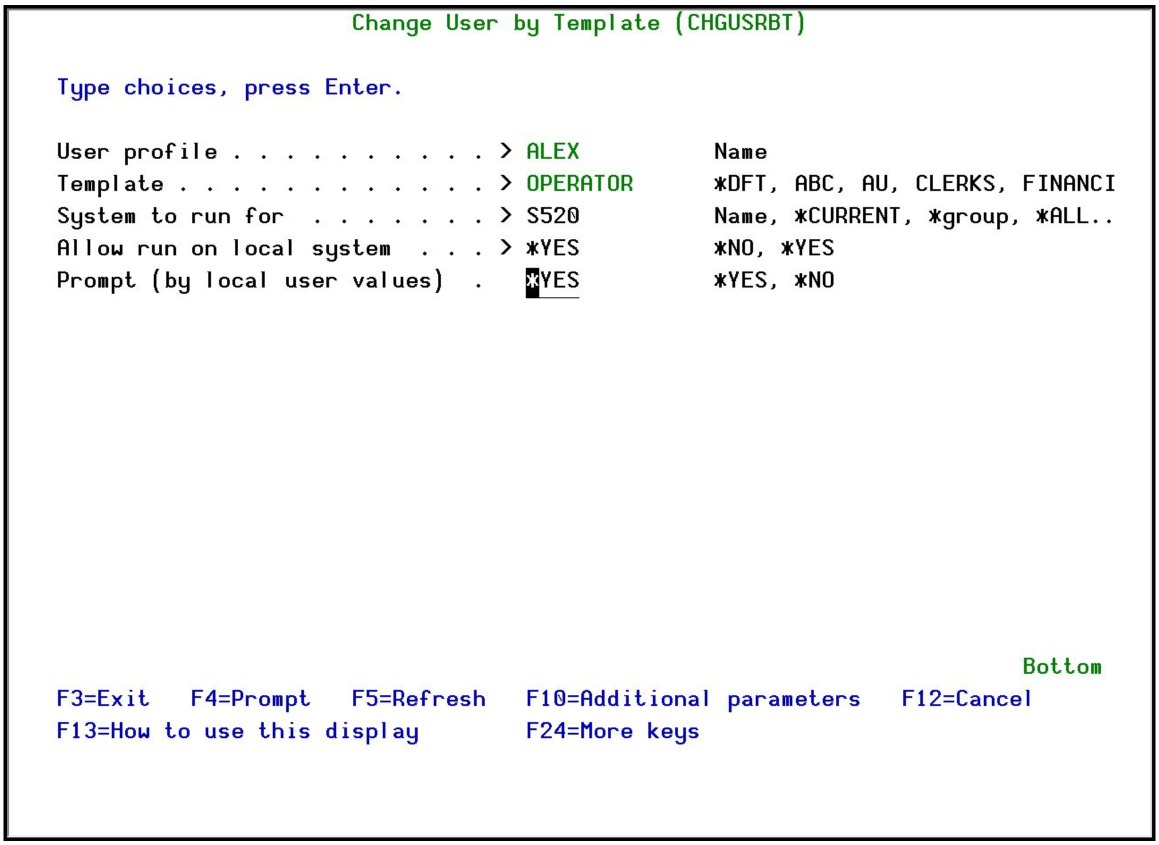
2. If relevant, make any required changes to the default template.
3. Press **Enter**. The User Profile is created and the updated **Work with Systems of a Person** screen appears.

Change by Template

To change a User Profile on a specific System to return all values to the Person’s default template:

NOTE: This procedure can only be performed when the actual User Profile exists on the requested system.

1. Select the User/System for which you want to create a User Profile and press **7=Change by template** in the **Work with Systems of a Person** screen. The **Change User by Template** screen appears.



```
                    Change User by Template (CHGUSRBT)

 Type choices, press Enter.

 User profile . . . . . . . . . . > ALEX          Name
 Template . . . . . . . . . . . . > OPERATOR      *DFT, ABC, AU, CLERKS, FINANCI
 System to run for  . . . . . . . > S520          Name, *CURRENT, *group, *ALL..
 Allow run on local system  . . . > *YES          *NO, *YES
 Prompt (by local user values)  .   *YES          *YES, *NO

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

Change User by Template screen

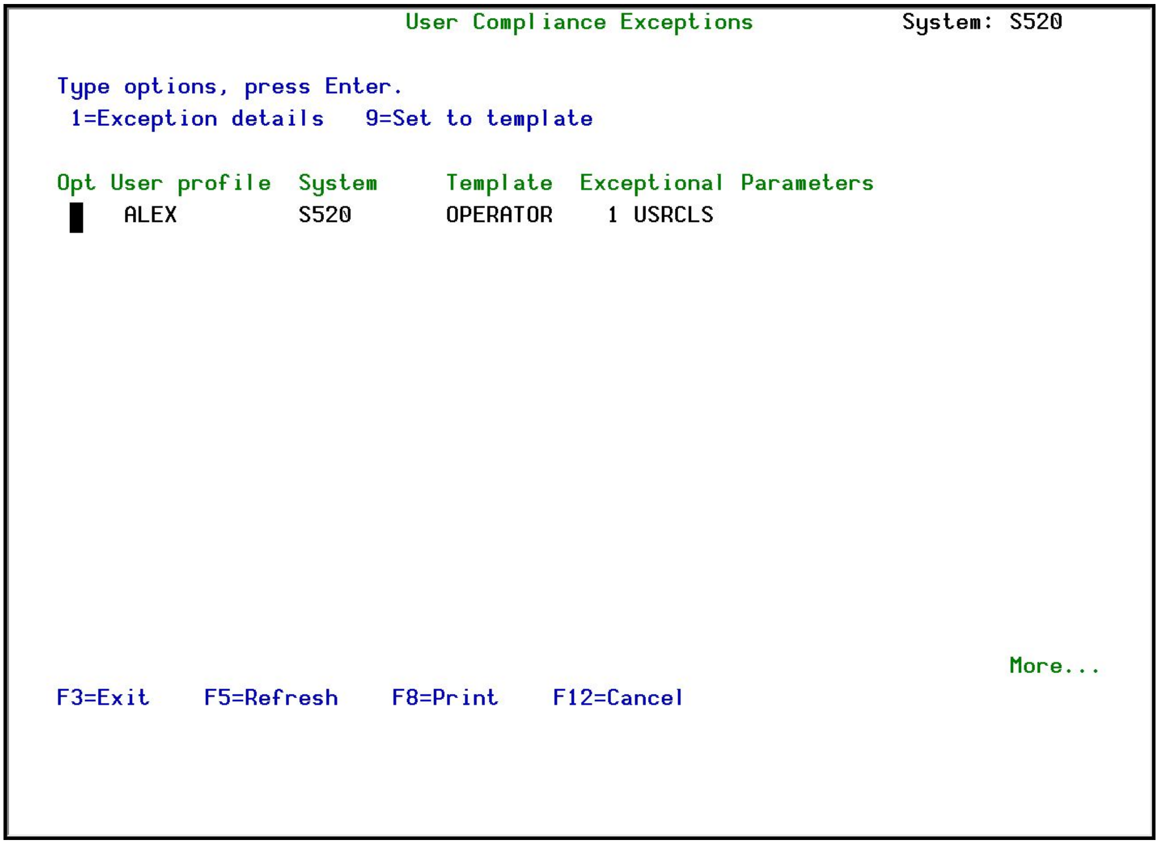
2. Press **Enter**. The **Change User Profile** screen appears.
3. Press **Enter**. The User Profile is updated.

Check by Template

To check a User Profile on a specific System against the values in the Person’s default template:

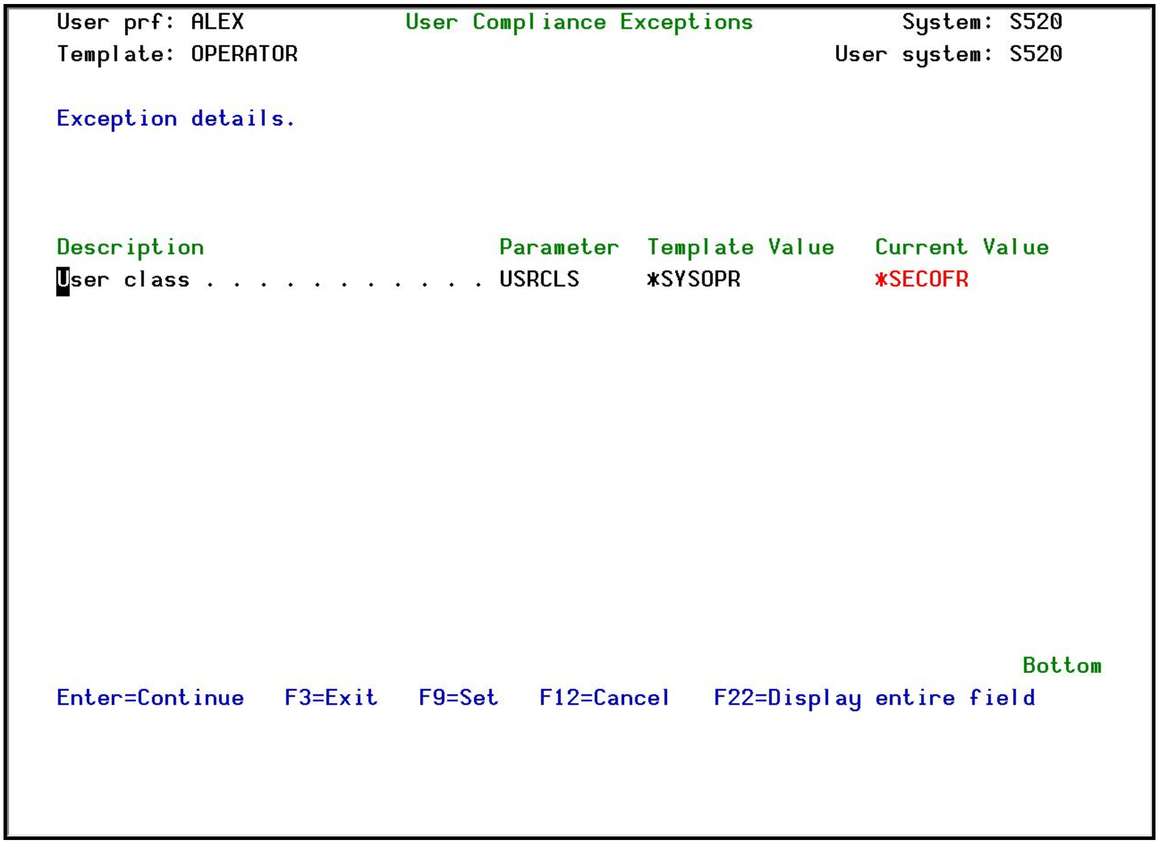
NOTE: This procedure can only be performed when the actual User Profile exists on the requested system.

1. Select the User/System for which you want to check the User Profile and press **8=Check by template** in the **Work with Systems of a Person** screen. The **User Compliance Exceptions** screen appears.



User Compliance Exceptions screen

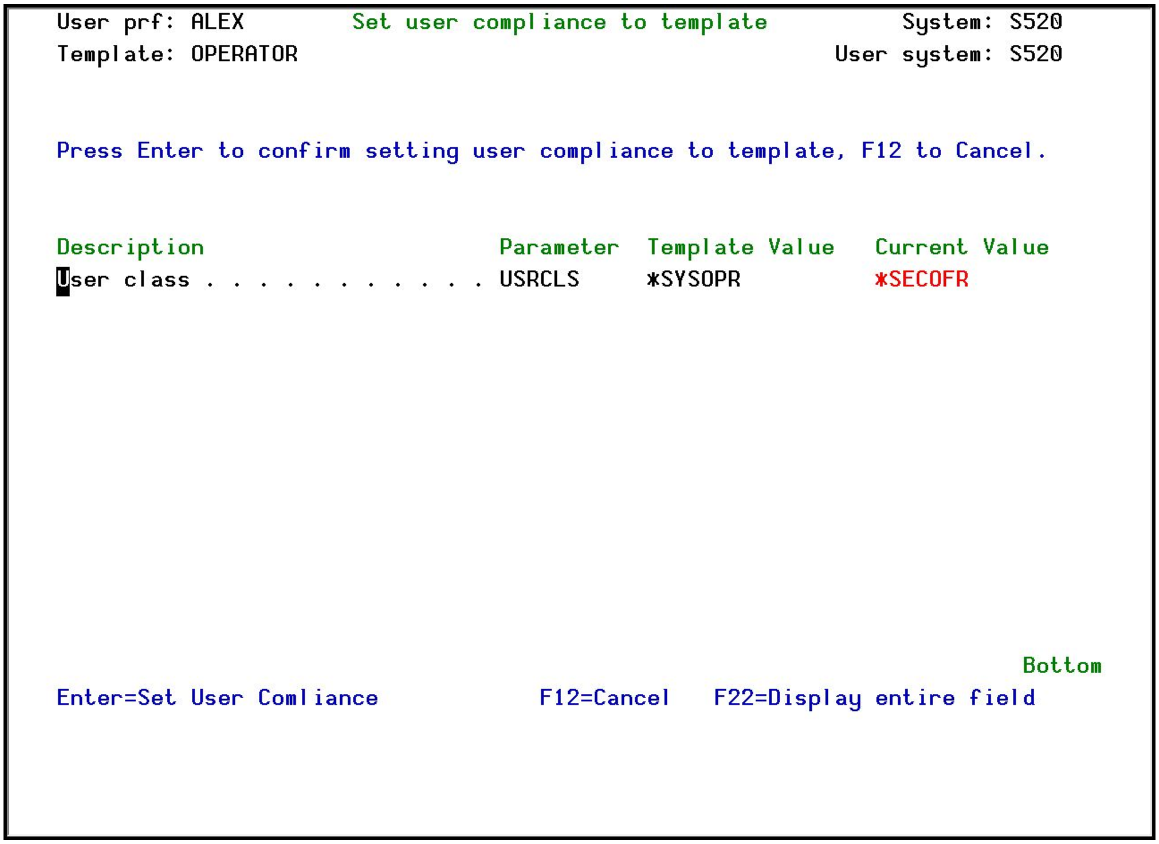
2. From the **User Compliance Exceptions** screen you can do one of the following:
   - Press **1=Exception Details** to display the full details of the exception. The **User Compliance Exceptions Details** screen appears.



User Compliance Exceptions Details screen

Field/Option/Command Key	Description
F9=Set	The **Set user compliance to template** screen appears.
F22=Display entire field	Displays the entire field value for the field with exceptions.

- Press **9=Set to template** to the fields with exceptions to the original template value. The **Set user compliance to template** screen appears.



Set user compliance to template screen

Field/Option/Command Key	Description
Enter=Set User Compliance	Sets the fields with exceptions to the original template value.
F22=Display entire field	Displays the entire field value for the field with exceptions.

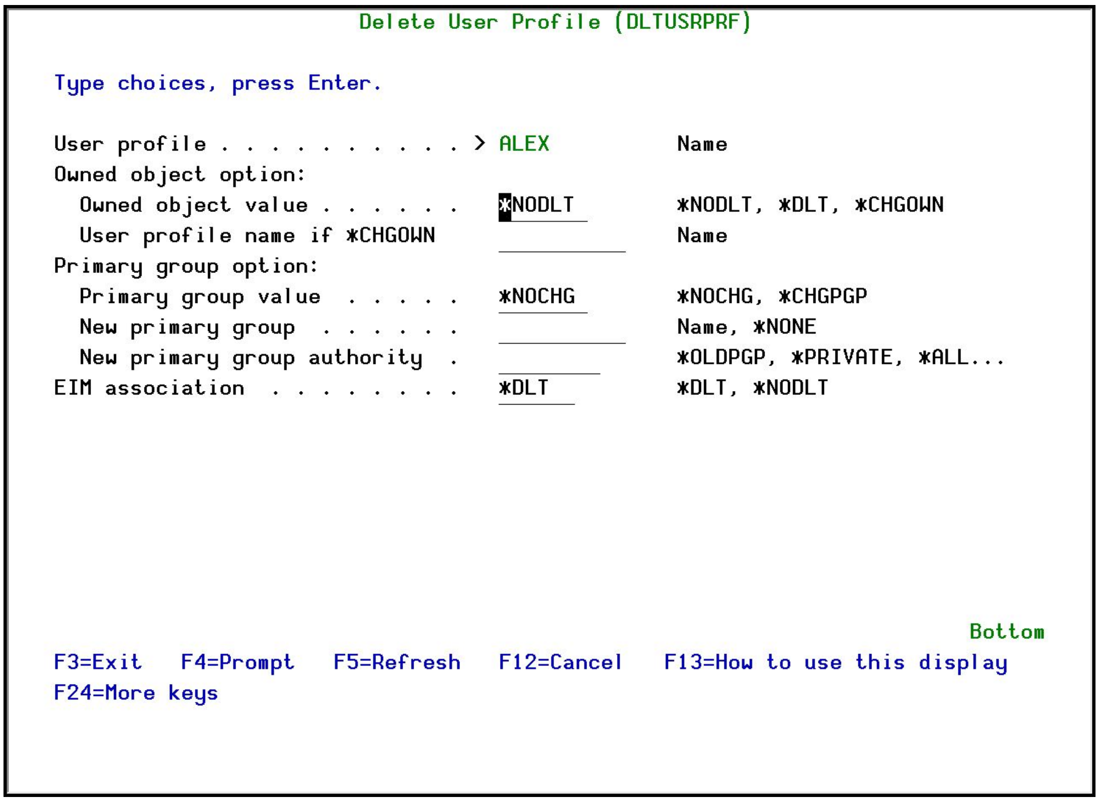
- Press **F8=Print** to print a full exception report.

Delete User

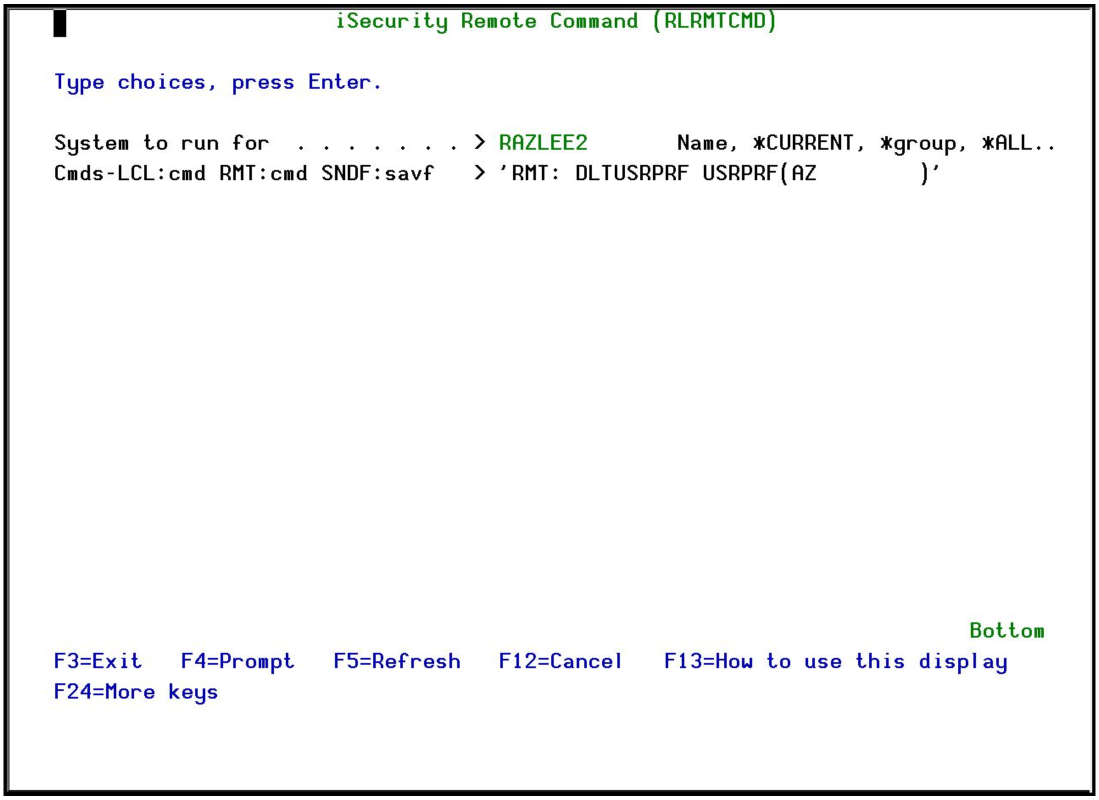
To delete a User Profile on a specific System:

NOTE: This procedure can only be performed when the actual User Profile exists on the requested system.

1. Select the User/System for which you want to delete the User Profile and press **9=Delete user** in the **Work with Systems of a Person** screen. The **Delete User Profile** screen appears (the screen that appears depends on whether the system is a local or remote system).



Delete User Profile (Local System) screen



Delete User Profile (Remote System) screen

2. Press **Enter**. The User Profile is deleted and the updated **Work with Systems of a Person** screen appears.

If relevant, you can now remove the User Profile from the list of User Profiles associated with the Person, as described in Remove a User from a Person.

Add Systems Automatically

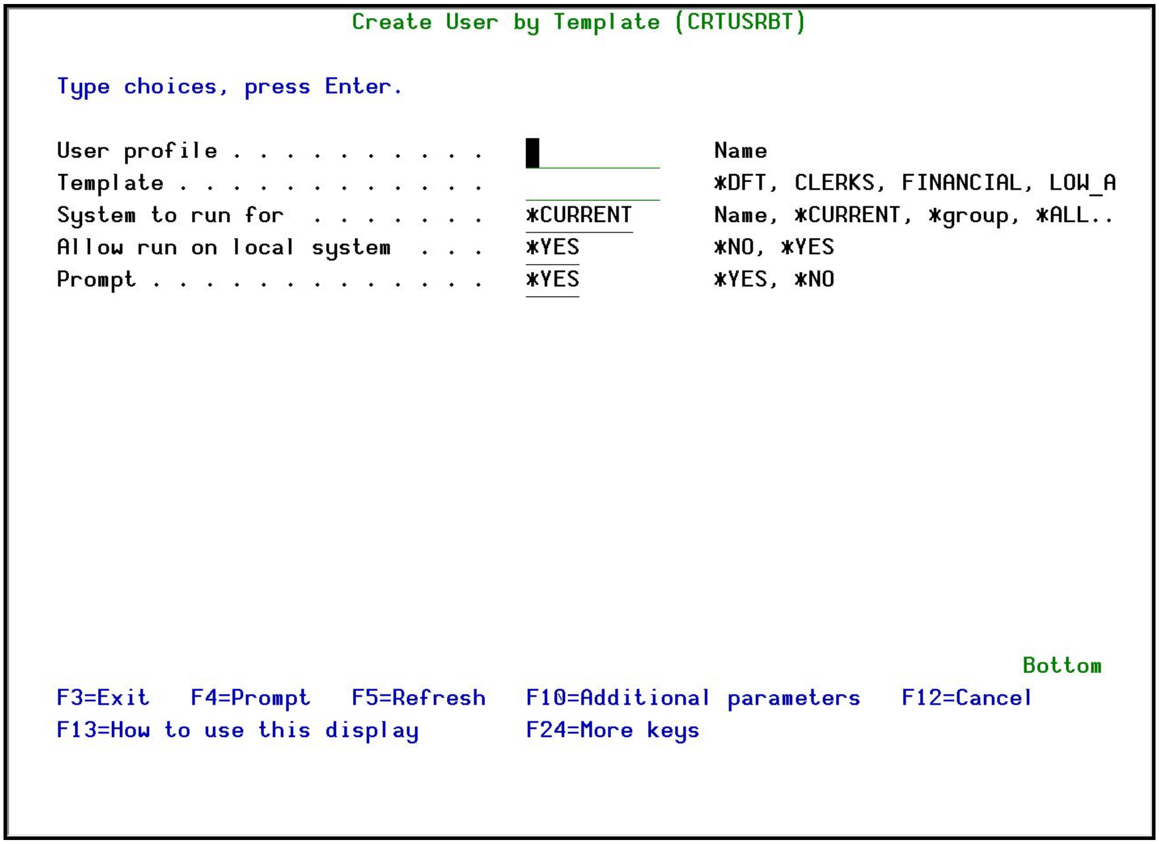
To automatically add new Systems for a person:

- Press **F7=Auto-add systems** in the **Work with Systems of a Person** screen. Systems are added and the updated **Work with Systems of a Person** screen appears.

Create a User Profile from a Template

To create a User Profile from a Template:

1. Select **15. Create UsrPrf by Template** in the **User Provisioning** main menu.
   The **Create User by Template** screen appears.



Create User by Template screen

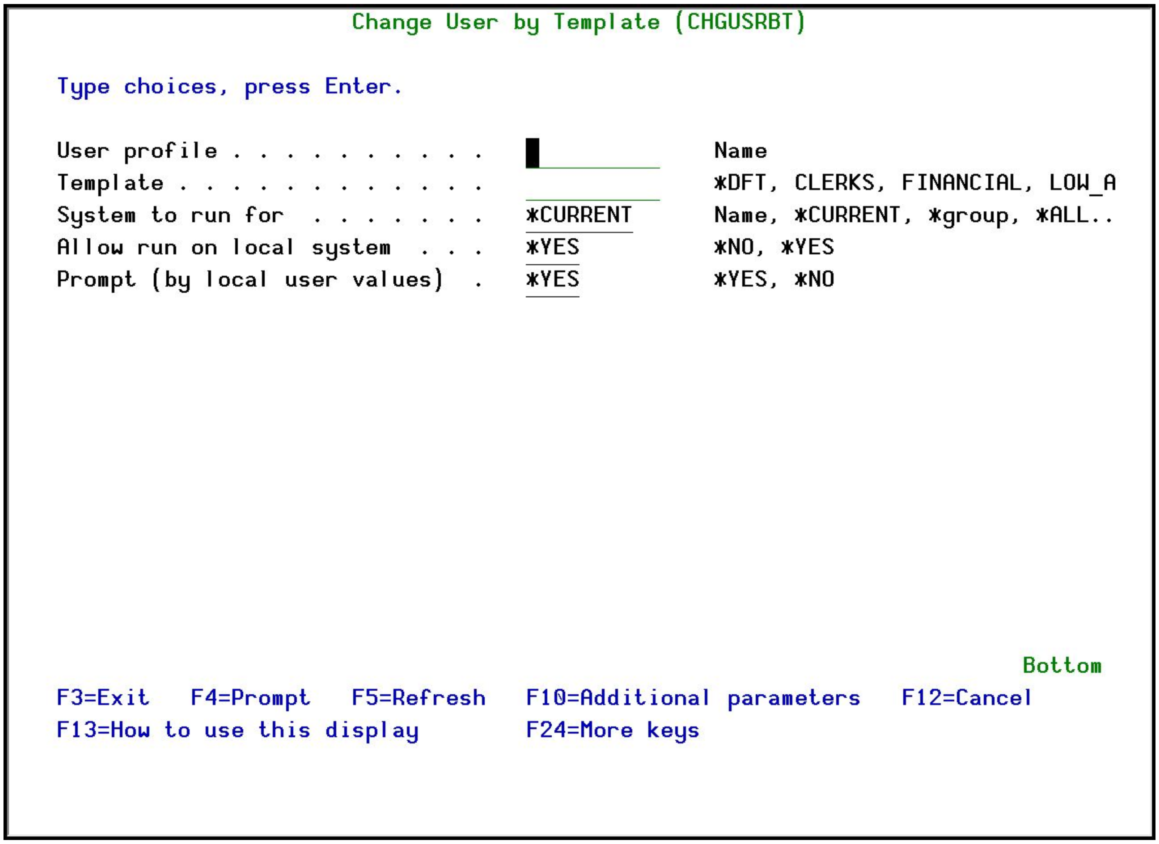
Field/Option/Command Key	Description
User profile	The name of the user profile to create.
Template	The name of the User Profile Template to use.
System to run for	The system(s) on which you want to create the User Profile **Name** ***CURRENT** ***group** ***ALL**
Allow run on local system	***YES** ***NO**
Prompt	***YES** ***NO**

2. Enter the appropriate parameters and press **Enter**. The new User Profile is created on the selected systems.

Change a User Profile from a Template

To change a User Profile from a Template:

1. Select **16. Change UsrPrf by Template** in the **User Provisioning** main menu. The **Change User by Template** screen appears.



Change User by Template screen

Field/Option/Command Key	Description
User profile	The name of the user profile to change.
Template	The name of the User Profile Template to use.
System to run for	The system(s) on which you want to create the User Profile **Name** ***CURRENT** ***group** ***ALL**
Allow run on local system	***YES** ***NO**
Prompt	***YES** ***NO**

2. Enter the appropriate parameters and press **Enter**. The selected profile is changed on the selected systems.

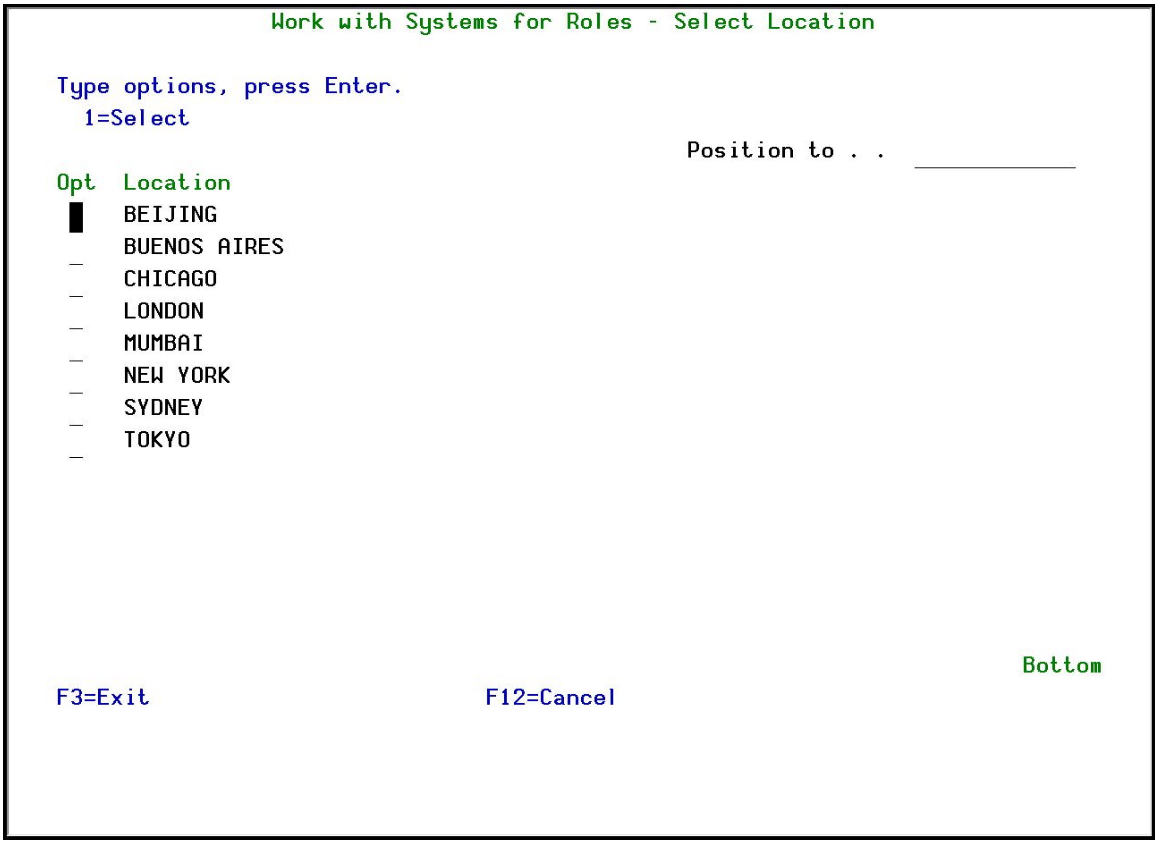
Definitions

In this section, you will define the locations where your organization has offices, the departments within the organization, the various job positions, and standard user profile templates. Finally, you connect all these definitions together by associating systems with the roles (location/department/position) in the organization.

Add a Role/System

To add a Role/System:

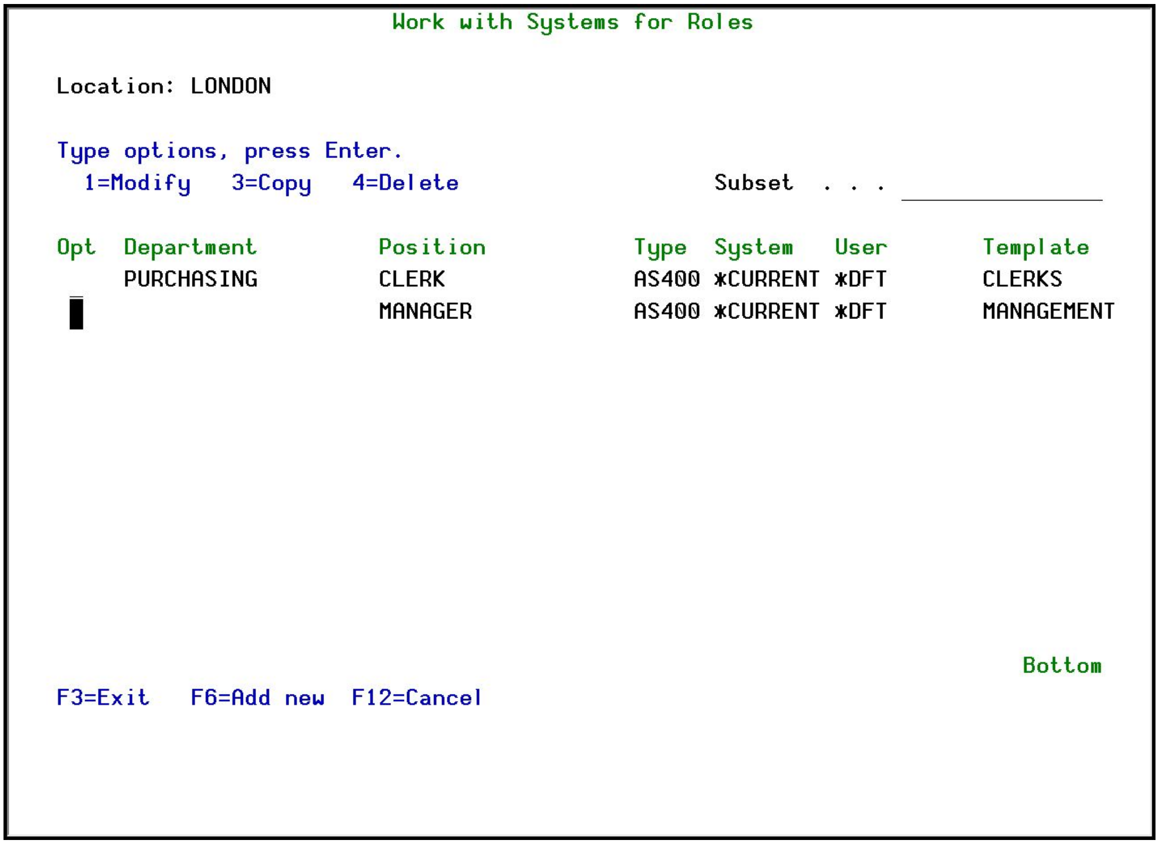
1. Select **31. Systems by Role (Loc-Dep-Pos)** in the **User Provisioning** main menu. The **Work with Systems for Roles – Select Location** screen appears.



Work with Systems for Roles – Select Location screen

Field/Option/Command Key	Description
1=Select	Opens the **Work with Systems for User Provisioning** screen.
Location	The locations in your organization.

2. Select the Location to work with and press **1=Select**. The **Work with Systems for Roles** screen appears.


```
                    Work with Systems for Roles

Location: LONDON

Type options, press Enter.
  1=Modify   3=Copy   4=Delete                Subset  . . . __________

Opt  Department        Position          Type  System   User      Template
     PURCHASING        CLERK             AS400 *CURRENT *DFT      CLERKS
                       MANAGER           AS400 *CURRENT *DFT      MANAGEMENT






                                                                     Bottom
F3=Exit   F6=Add new  F12=Cancel
```

Work with Systems for Roles screen

Field/Option/Command Key	Description
1=Modify	Opens the **Modify Systems for a Role** screen
3=Copy	Opens the **Copy Systems for a Role** screen
4=Delete	Opens the **Delete Systems for a Role** screen
Location	The selected location.
Department	The departments that exist at the selected Location
Position	The positions that exist in the department
Type	The type of computer system that users in this role (location/department/position) can work on
System	The name of the specific computer system to be used when opening a User for users in this role (location/department/position)
User	The User to be used when opening a User for persons in this role (location/department/position)
Template	The User Profile Template to be used when opening a User for persons in this role (location/department/position)
F6=Add new	Opens the **Add System for a Role** screen

3. Press **F6=Add new**. The **Add System for a Role** screen appears.

```
                          Add System for a Role

 Location: LONDON

 Type choices, press Enter.

 Department . . . . . . . .  PURCHASING          Name
 Position . . . . . . . . .  CLERK

 System type  . . . . . . .  AS400               AS400, LINUX
 System name  . . . . . . .  *CURRENT            Name, *CURRENT

 User . . . . . . . . . . .  *DFT                Name, *DFT
 Template . . . . . . . . .  *DFT                Name, *DFT







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

Add System for a Role screen

Field/Option/Command Key	Description
Location	The selected location
Department	The department for the role
Position	The position for the role
System type	The type of computer system that users in this role (location/department/position) can work on
System name	The name of the specific computer system to be used when opening a User for users in this role (location/department/position) **Name** = Use the specific named computer ***CURRENT** = Use the computer where the operation is run
User	The User to be used when opening a User for persons in this role **Name** = Use the specific named user ***DFT** = Use the default user of the Person to whom the User is associated
Template	The User Profile Template to be used when opening a User for persons in this role **Name** = Use the specific named template ***DFT** = Use the use the default template for the Person to whom the User is associated

4. Enter the Role and System definitions and press **Enter**. The new Role and System now appears in the **Work with Systems for User Provisioning** screen.

Modify the System for a Role

To modify a Role/System:

1. Select **31. Systems by Role (Loc-Dep-Pos)** in the **User Provisioning** main menu. The **Work with Systems for Roles – Select Location** screen appears.
2. Select the Location to work with and press **1=Select**. The **Work with Systems for User Provisioning** screen appears.
3. Select the Role/System to modify and press **1=Modify**. The **Modify Systems for a Role** screen appears.

```
                              Modify Systems for a Role

 Location: LONDON

 Type choices, press Enter.

 Department . . . . . . . .   PURCHASING          Name
 Position . . . . . . . . .   CLERK

 System type  . . . . . . .   AS400               AS400, LINUX
 System name  . . . . . . .   *CURRENT            Name, *CURRENT

 User . . . . . . . . . . .   *DFT                Name, *DFT
 Template . . . . . . . . .   CLERKS              Name, *DFT




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

Modify System for a Role screen

Field/Option/Command Key	Description
Location	The selected location
Department	The department for the role
Position	The position for the role
System type	The type of computer system that users in this role (location/department/position) can work on
System name	The name of the specific computer system to be used when opening a User for users in this role (location/department/position) **Name** = Use the specific named computer ***CURRENT** = Use the computer where the operation is run
User	The User to be used when opening a User for persons in this role **Name** = Use the specific named user ***DFT** = Use the default user of the Person to whom the User is associated
Template	The User Profile Template to be used when opening a User for persons in this role **Name** = Use the specific named template ***DFT** = Use the use the default template for the Person to whom the User is associated

4. Modify the System definitions and press **Enter**. The updated Role and System now appears in the **Work with Systems for User Provisioning** screen.

Copy a Role/System

To copy a Role/System:

1. Select **31. Systems by Role (Loc-Dep-Pos)** in the **User Provisioning** main menu. The **Work with Systems for Roles – Select Location** screen appears.
2. Select the Location to work with and press **1=Select**. The **Work with Systems for User Provisioning** screen appears.
3. Select the Role/System to copy and press **3=Copy**. The **Copy Systems for a Role** screen appears.

```
                              Copy Systems for a Role

 Location: LONDON

 Type choices, press Enter.

 Copy from:
   Department . . . . . . . .   PURCHASING
   Position . . . . . . . . .   MANAGER
   System type  . . . . . . .   AS400
   System name  . . . . . . .   *CURRENT
   System user name . . . . .   *DFT

 Copy to:
   Department . . . . . . . .   PURCHASING          Name
   Position . . . . . . . . .   MANAGER
   System type  . . . . . . .   AS400               AS400, LINUX
   System name  . . . . . . .   *CURRENT            Name
   System user  . . . . . . .   *DFT                Name


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

Copy Systems for a Role screen

Field/Option/Command Key	Description
Location	The selected location.
Department	The department for the role
Position	The position for the role
System type	The type of computer system that users in this role (location/department/position) can work on
System name	The name of the specific computer system to be used when opening a User for users in this role (location/department/position) **Name** = Use the specific named computer ***CURRENT** = Use the computer where the operation is run
User	The User to be used when opening a User for persons in this role **Name** = Use the specific named user ***DFT** = Use the default user of the Person to whom the User is associated
Template	The User Profile Template to be used when opening a User for persons in this role **Name** = Use the specific named template ***DFT** = Use the use the default template for the Person to whom the User is associated

4. Enter the new Role and System definitions and press **Enter**. The new Role and System appears in the **Work with Systems for User Provisioning** screen.
5. Modify the new Role/System as described in the Modify the System for a Role task (start at step Select the Location to work with and press 1=Select. The Work with Systems for User Provisioning screen appears.).

Delete a Role/System

To delete a Role/System:

1. Select **31. Systems by Role (Loc-Dep-Pos)** in the **User Provisioning** main menu. The **Work with Systems for Roles – Select Location** screen appears.
2. Select the Location to work with and press **1=Select**. The **Work with Systems for User Provisioning** screen appears.
3. Select the Role/System to delete and press **4=Delete**. The **Delete Systems for a Role** screen appears.

```
                          Delete Systems for a Role

Location: LONDON
Press Enter to confirm delete.
Press F12 to cancel and return without deleting.


     Department          Position            Type  System    User       Template
     PURCHASING          MANAGER             AS400 *CURRENT *DFT        MANAGEMENT










                                                                           Bottom



F3=Exit   F12=Cancel
```

Delete a System screen

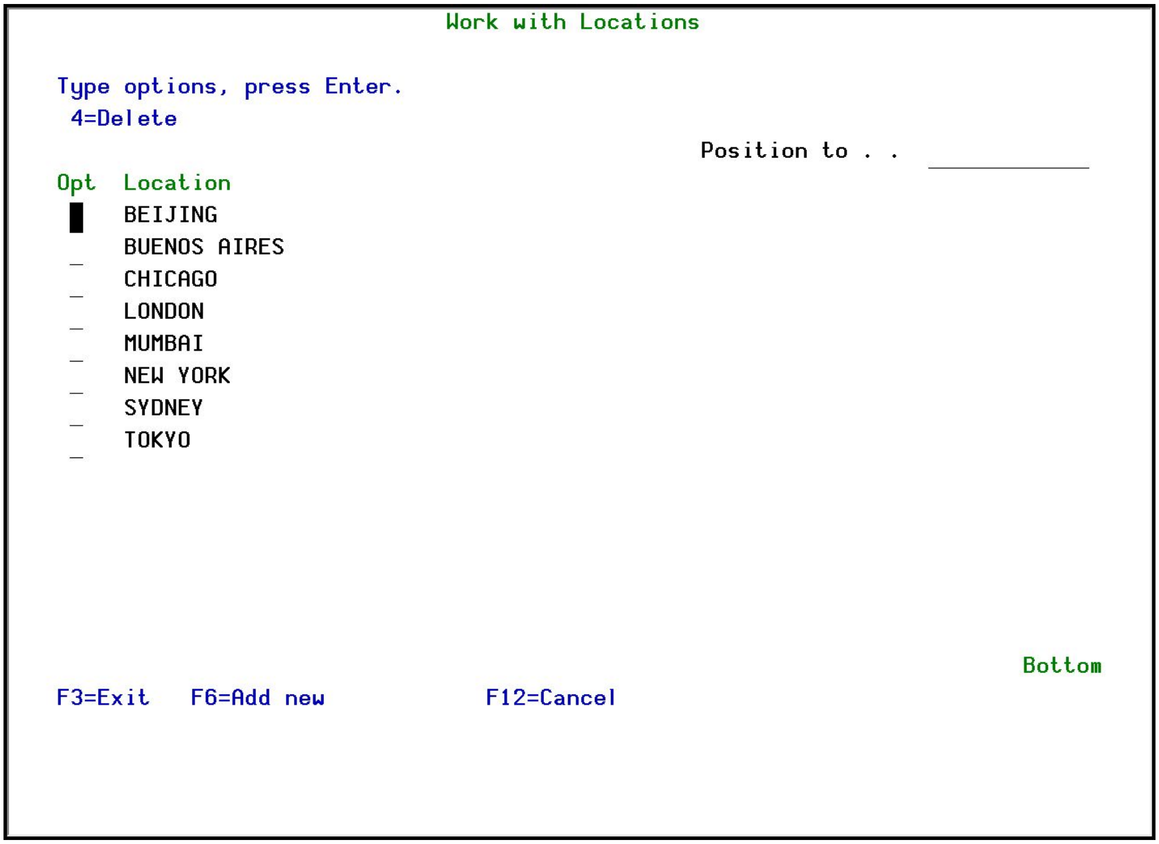
4. Press **Enter**. The Role/System is deleted and the updated **Work with Systems for User Provisioning** screen appears.

Add a Location

You can add up to 15 Locations at one time. The Locations are used to define Roles in **User Provisioning**.

To add a Location:

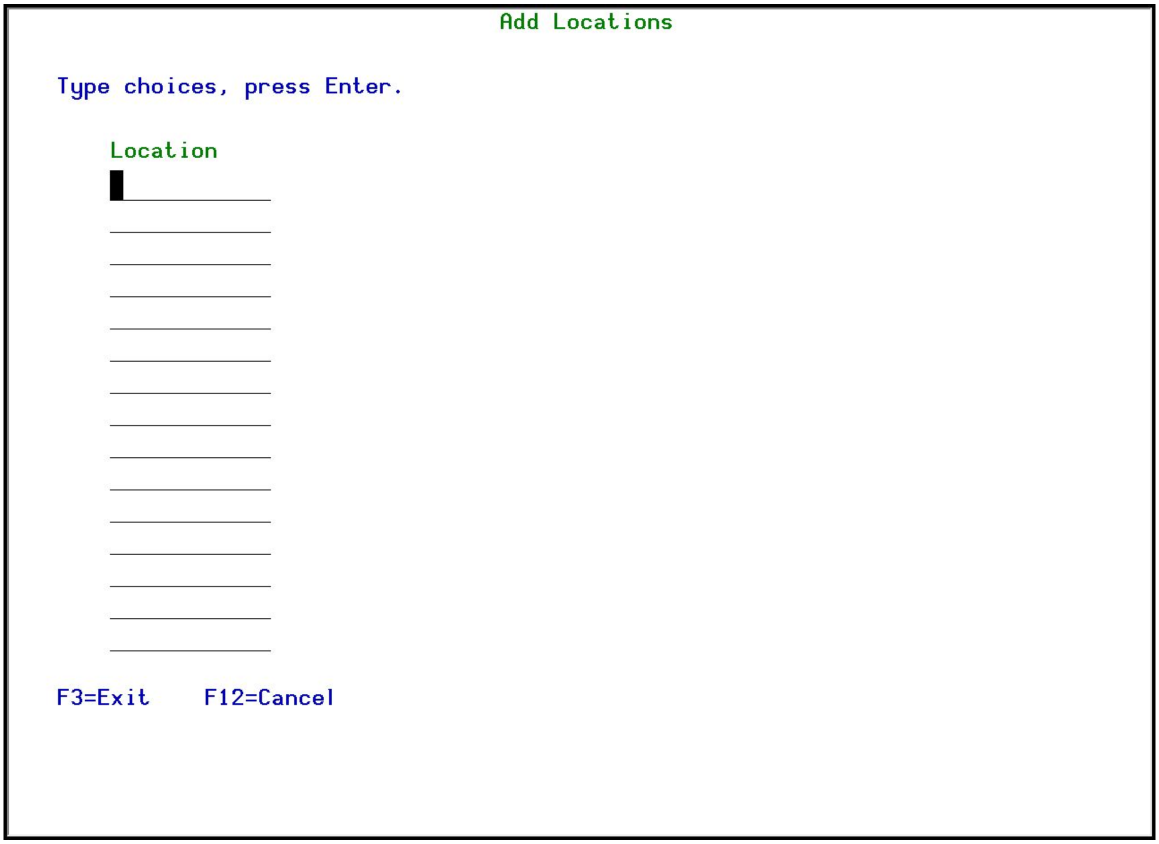
1. Select **32. Locations** in the **User Provisioning** main menu. The **Work with Locations** screen appears.



Work with Locations screen

Field/Option/Command Key	Description
4=Delete	Opens the **`Delete Locations`** screen.
Location	The locations in your organization.
F6=Add new	Opens the **`Add Locations`** screen.

2. Press **F6=Add new**. The **Add Locations** screen appears.



Add Locations screen

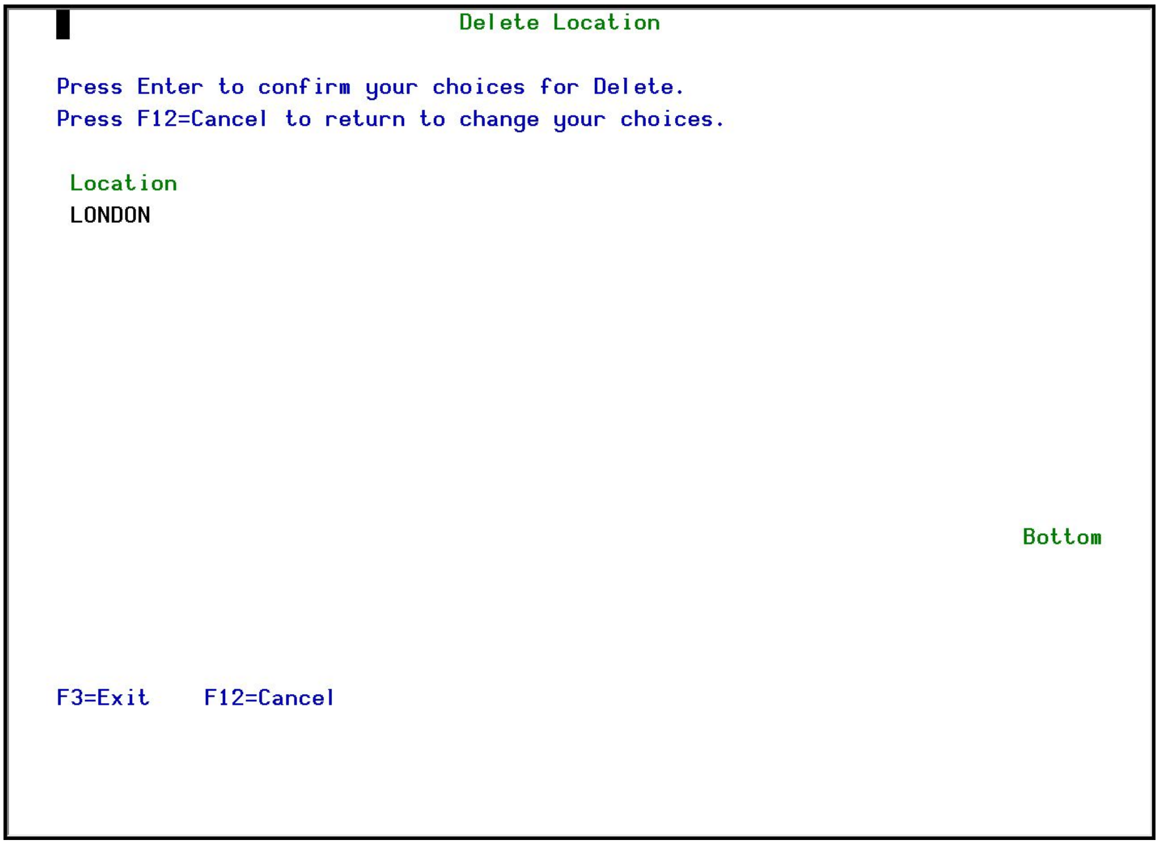
Field/Option/Command Key	Description
Location	The locations in your organization. A location could be a town, or a country, or a town in a country.

3. Enter the new Locations and press **Enter**. The new Locations now appear in the **Work with Locations** screen.

Delete a Location

To delete a Location:

1. Select **32. Locations** in the **User Provisioning** main menu. The **Work with Locations** screen appears.
2. Select the Location to be deleted and press **4=Delete**. The **Delete Locations** screen appears.



Delete Locations screen

3. Press **Enter**. The Location is deleted and the updated **Work with Locations** screen appears.

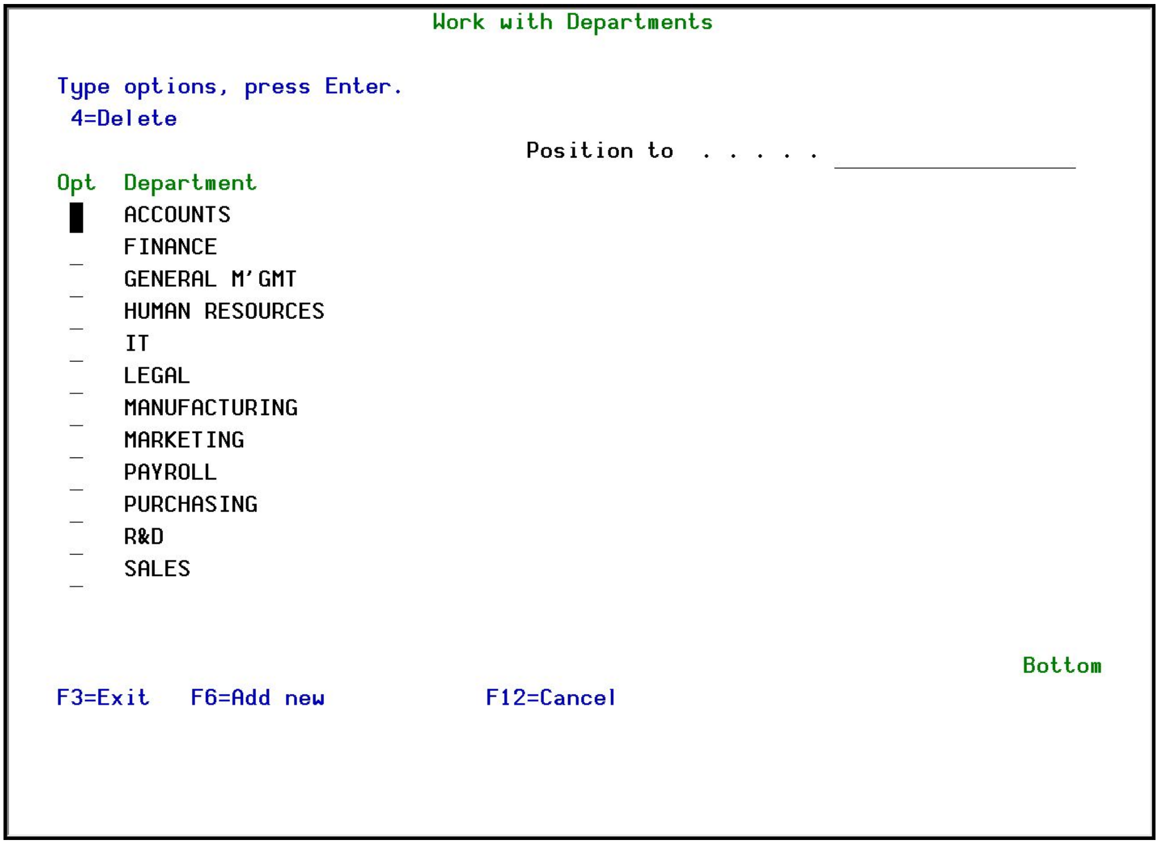
Note: You cannot delete a Location that is used in a Role/System.

Add a Department

You can add up to 15 Departments at one time. The Departments are used to define Roles in **User Provisioning**.

To add a Department:

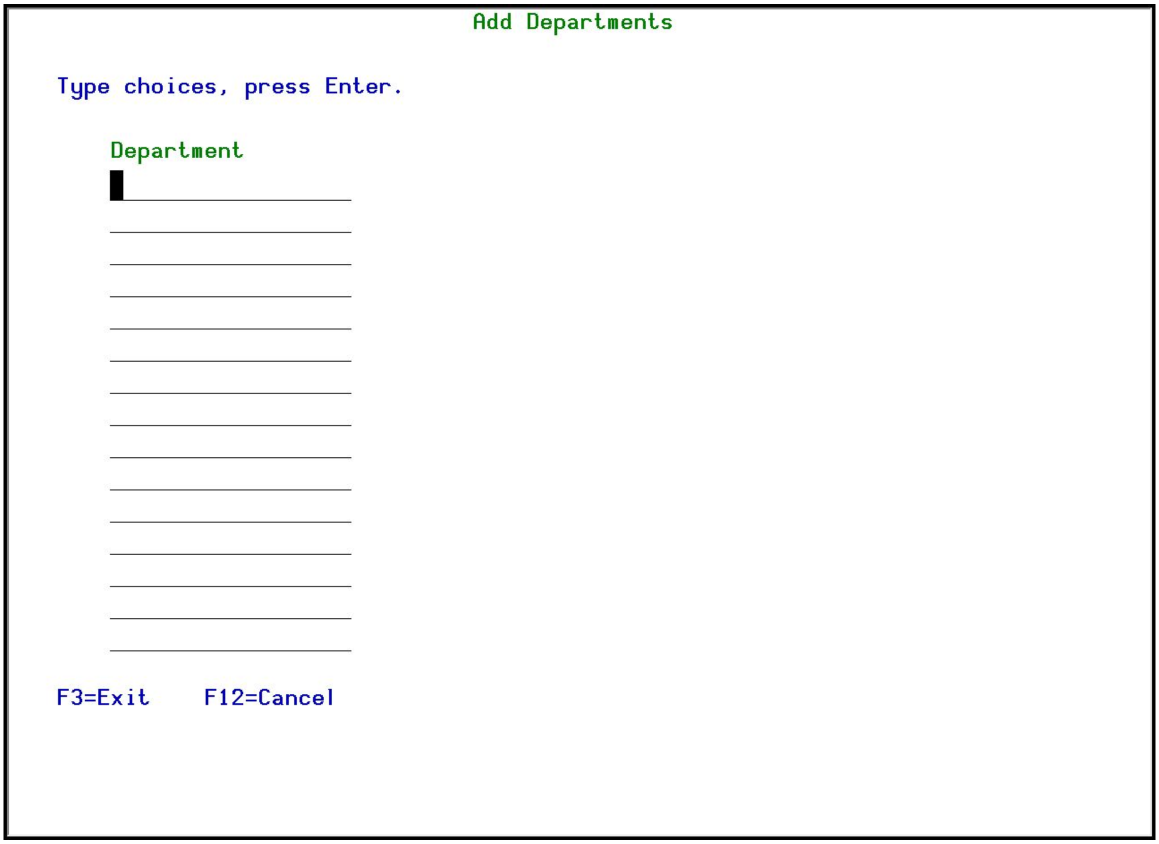
1. Select **33. Departments** in the **User Provisioning** main menu. The **Work with Departments** screen appears.



Work with Departments screen

Field/Option/Command Key	Description
4=Delete	Opens the **`Delete Departments`** screen.
Department	The departments in your organization.
F6=Add new	Opens the **`Add Departments`** screen.

2. Press **F6=Add new**. The **Add Departments** appears.



Add departments screen

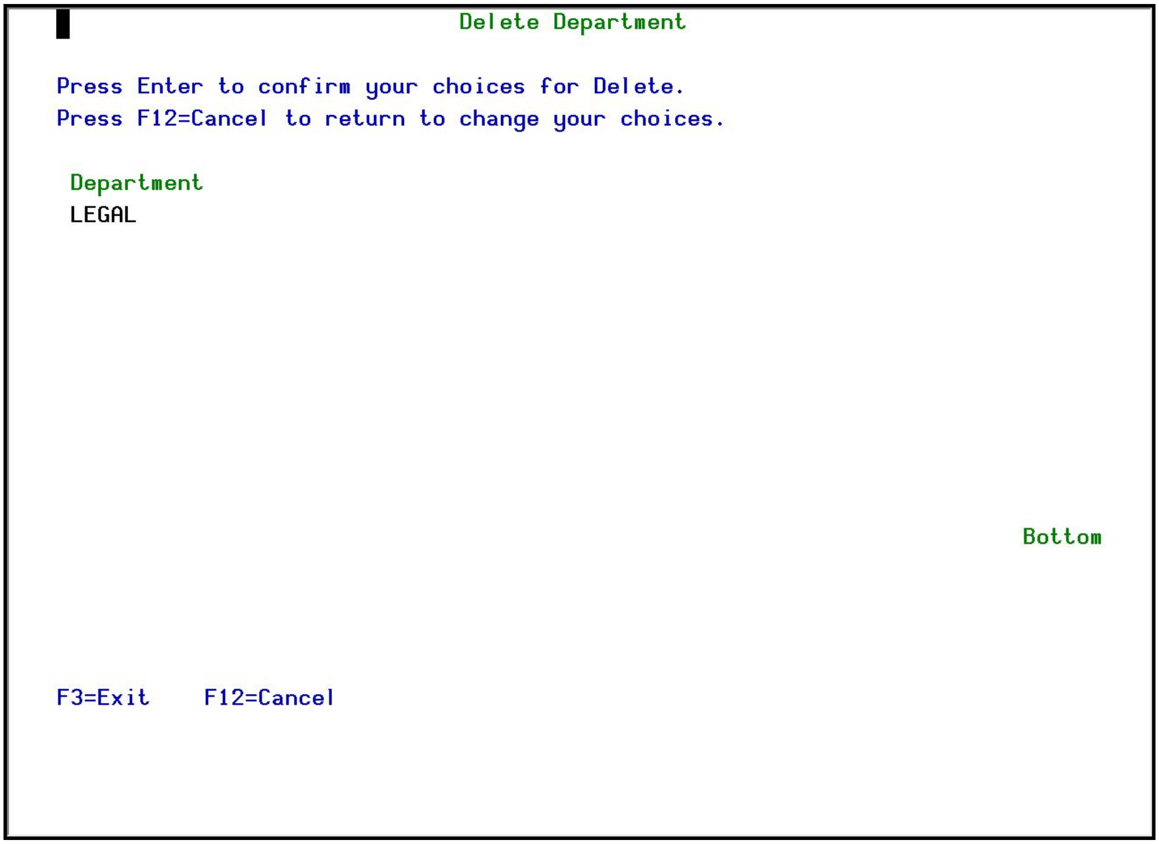
Field/Option/Command Key	Description
Department	The departments in your organization.

3. Enter the new Departments and press **Enter**. The new Departments now appear in the **Work with Departments** screen.

Delete a Department

To delete a Department:

1. Select **33. Departments** in the **User Provisioning** main menu. The **Work with Departments** screen appears.
2. Select the Department to be deleted and press **4=Delete**. The Delete Departments screen appears.



Delete Departments screen

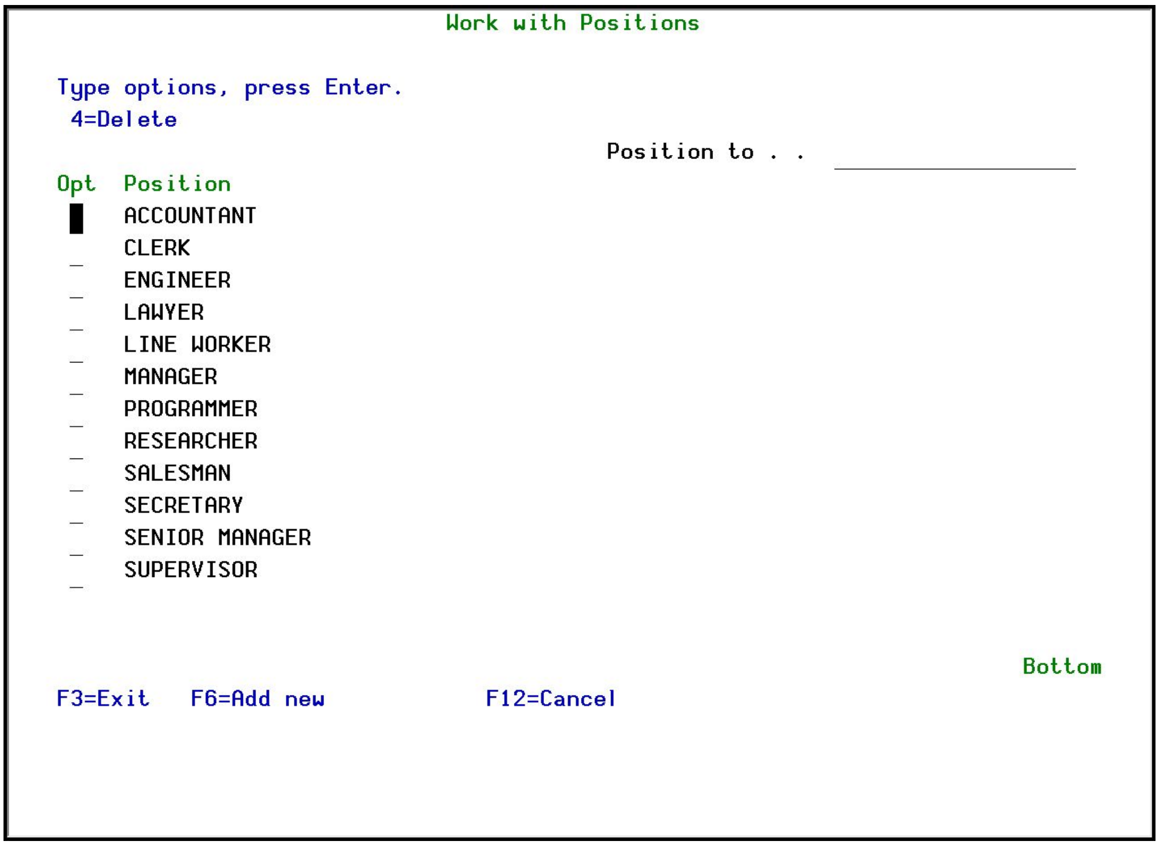
3. Press **Enter**. The Department is deleted and the updated **Work with Departments** screen appears.

Note: You cannot delete a Department that is used in a Role/System.

Add a Position

You can add up to 15 Positions at one time. The Positions are used to define Roles in **User Provisioning**.
To add a Position:

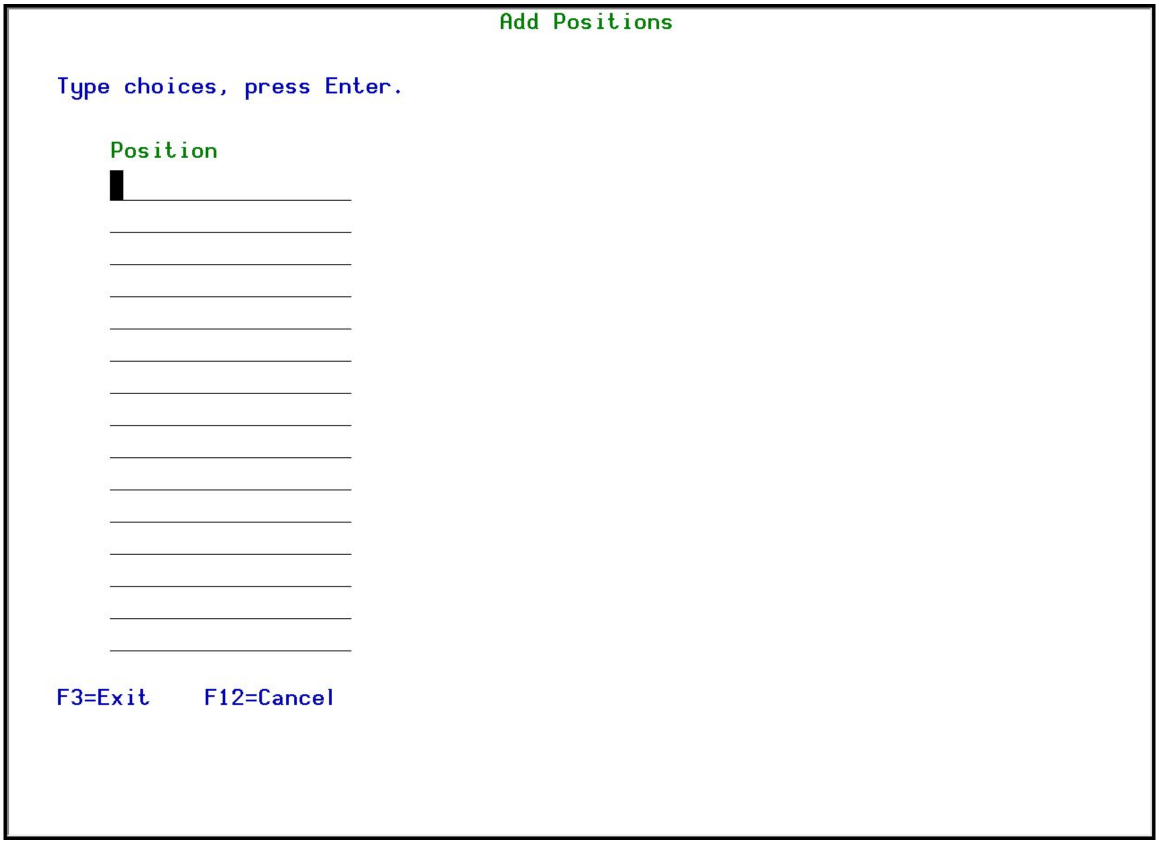
1. Select **34. Positions** in the User Provisioning main menu. The **Work with Positions** screen appears.



Work with Positions screen

Field/Option/Command Key	Description
4=Delete	Opens the **Delete Positions** screen.
Position	The Positions in your organization.
F6=Add new	Opens the **Add Positions** screen.

2. Press **F6=Add new**. The **Add Positions** screen appears.



Add Positions screen

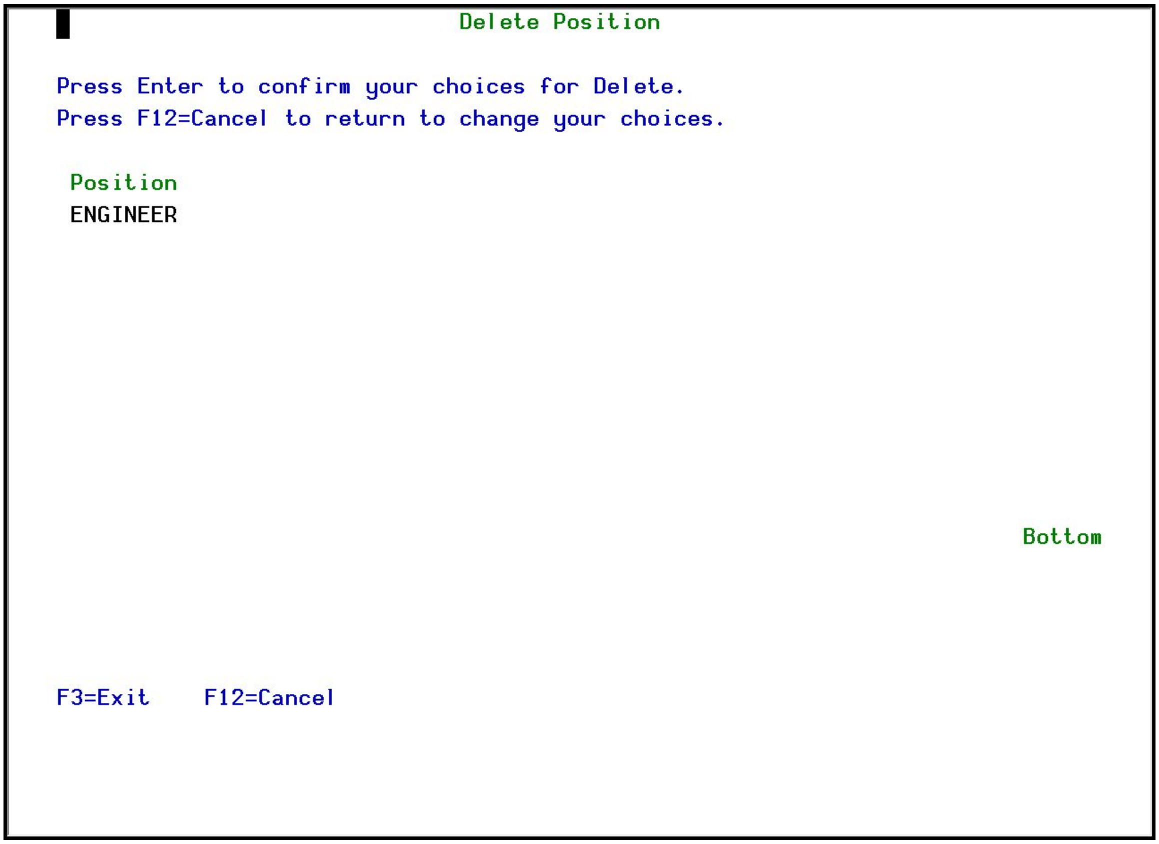
Field/Option/Command Key	Description
Position	The positions in your organization.

3. Enter the new Position and press **Enter**. The new Position now appears in the **Work with Positions** screen.

Delete a Position

To delete a Position:

1. Select **34. Positions** in the User Provisioning main menu. The **Work with Positions** screen appears.
2. Select the Position to be deleted and press **4=Delete**. The **Delete Positions** screen appears.



Delete Positions screen

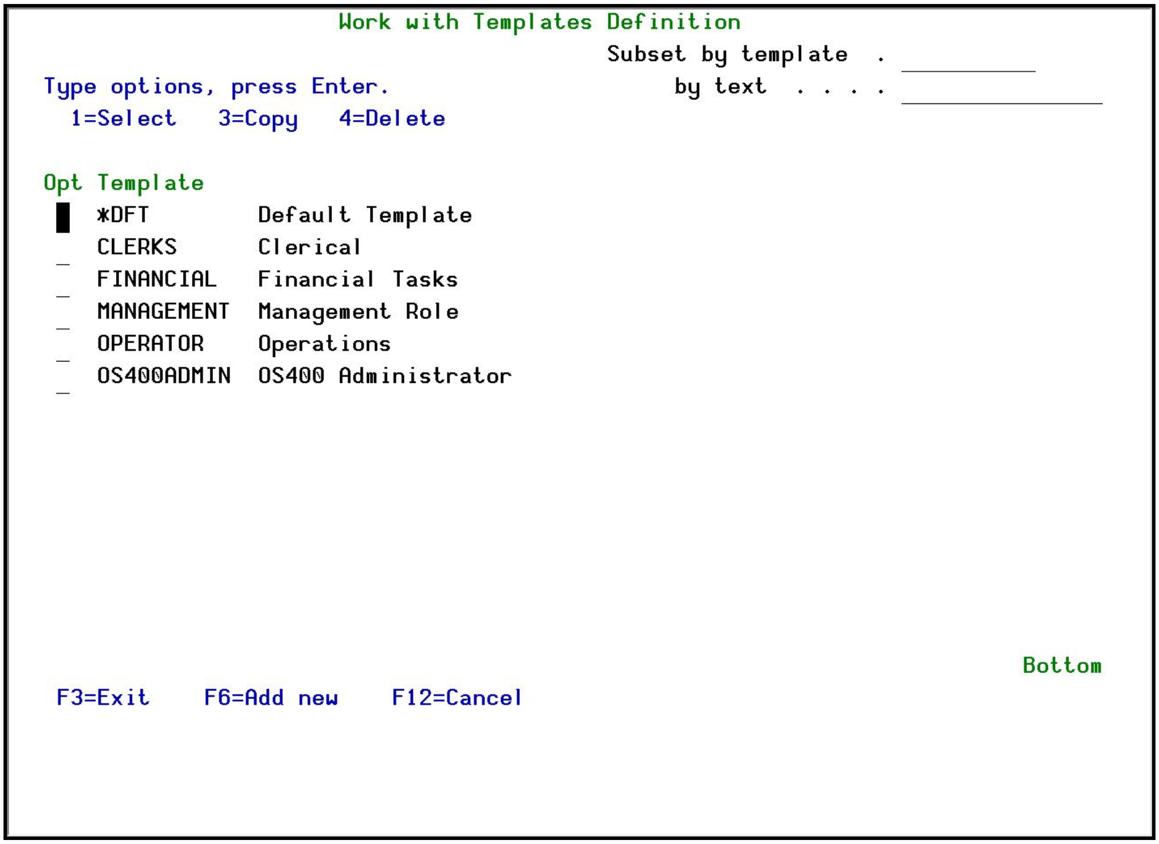
3. Press **Enter**. The Position is deleted and the updated **Work with Positions** screen appears.

Note: You cannot delete a Position that is used in a Role/System.

Add a New User Profile Template

To add a User Profile Template:

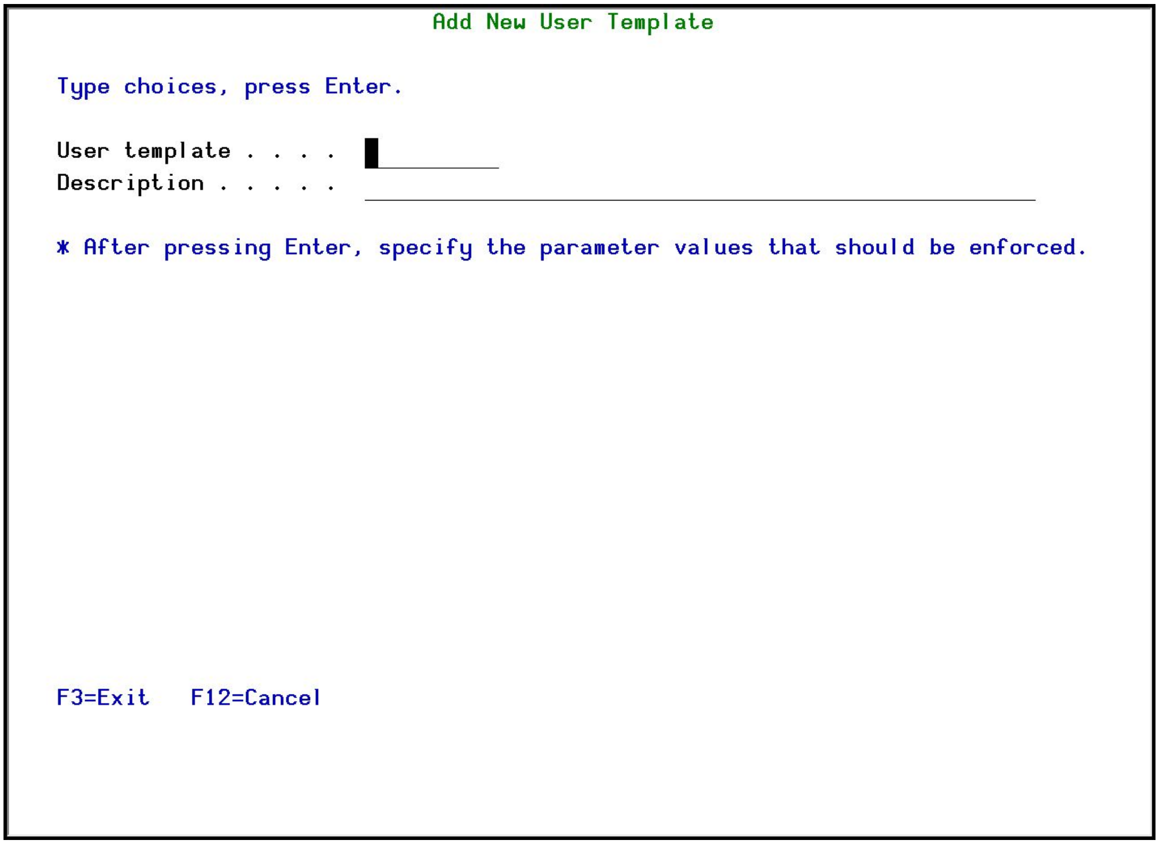
1. Select **35. User Profile Templates** in the **User Provisioning** main menu.
   The **Work with Templates Definition** screen appears.



Work with Templates Definition screen

Field/Option/Command Key	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.

2. Press **F6=Add new**. The **Add New User Template** screen appears.



Add New User Template screen

Field/Option/Command Key	Description
User template	The name of the new User Template.
Description	A meaningful description of the template.

3. Enter the **User template** name and a **Description** and press **Enter**. The **User Compliance Template** screen appears.

NOTE: The **User Compliance Template** screen is based on the IBM *CRTUSRPRF* command.

```
                         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

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

User Compliance Template screen

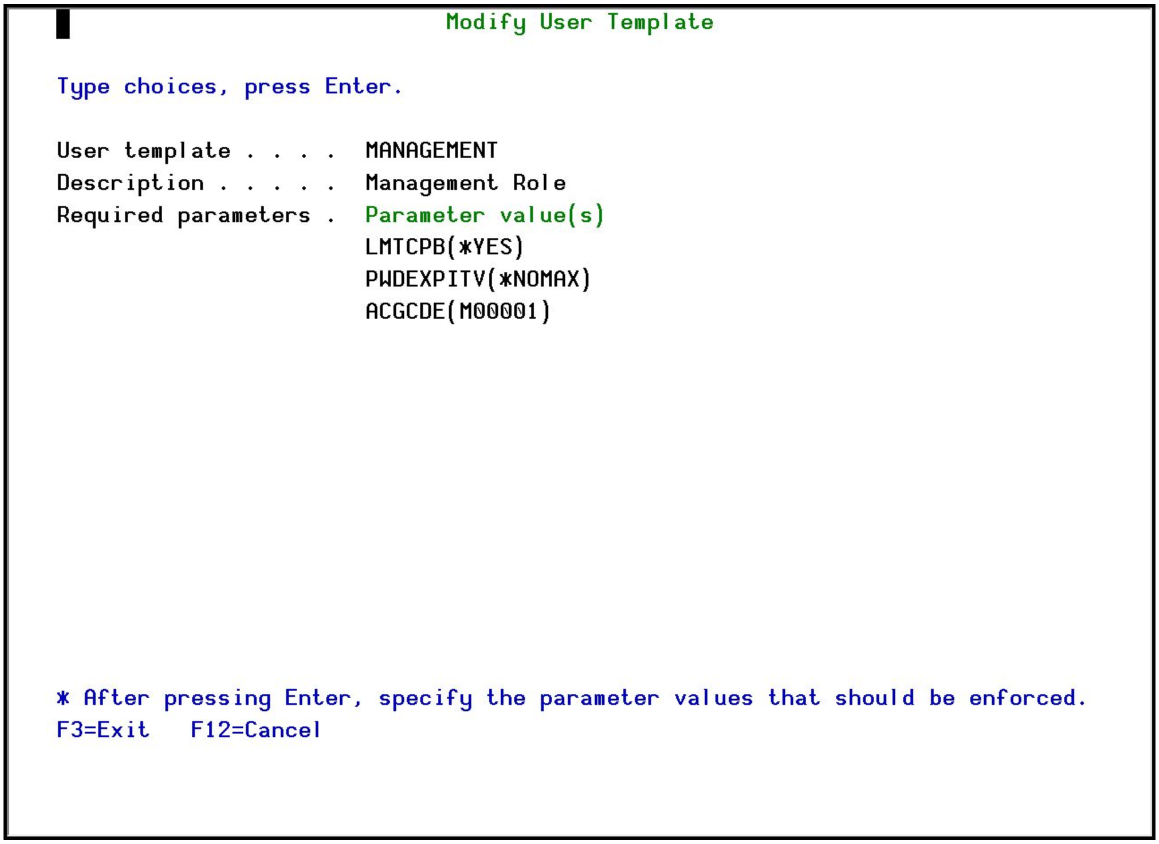
4. Enter your required parameters for the template and press **Enter**. The new Template is added and now appears in the **Work with Templates Definition** screen.

For a description of all the parameters, see the IBM documentation for the ***CRTUSRPRF*** command.

Modify a User Profile Template

To modify a User Profile Template:

1. Select **35. User Profile Templates** in the **User Provisioning** main menu. The **Work with Templates Definition** screen appears.
2. Select the Template to be modified and press **1=Select**. The **Modify User Template** screen appears.



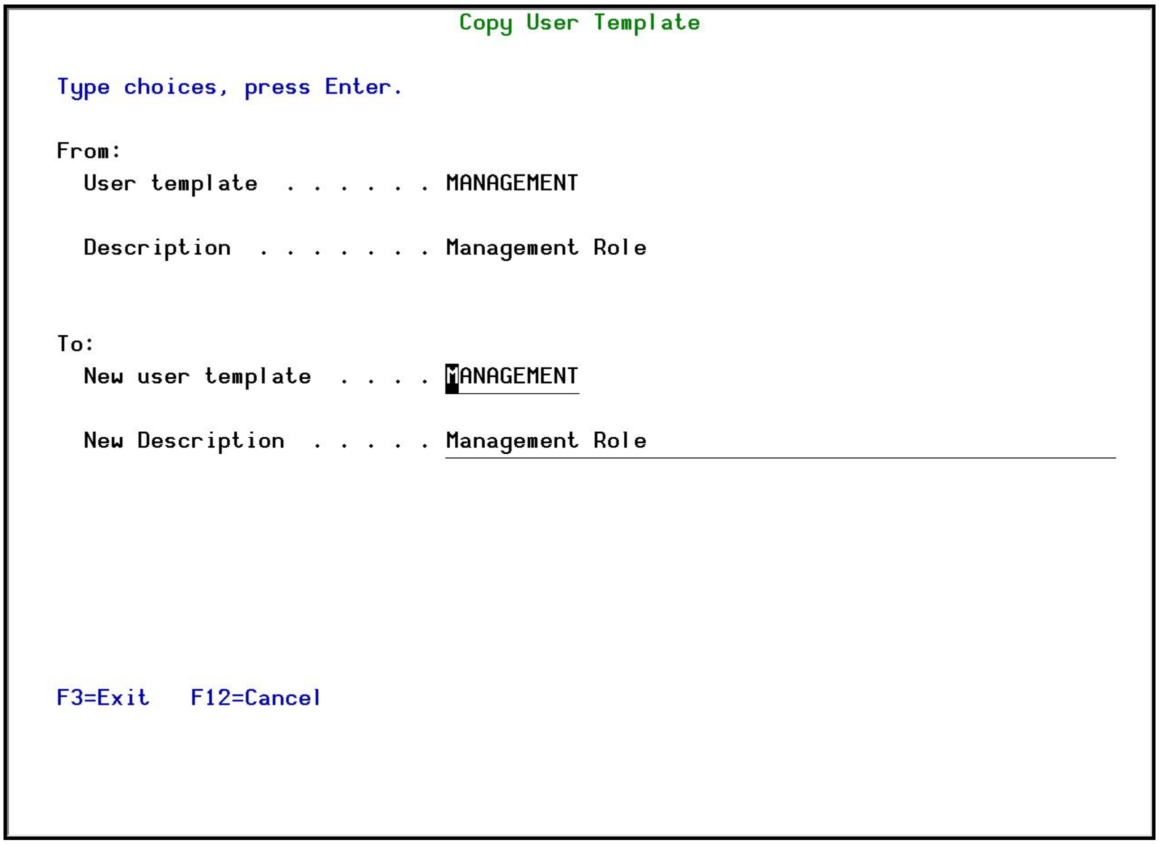
Modify User Template screen

3. Press **Enter**. The **User Compliance Template** screen appears.
4. Enter your required parameters for the template and press **Enter**. For a description of all the parameters, see the IBM documentation for the ***CRTUSRPRF*** command.

Copy a User Profile Template

To copy a User Profile Template:

1. Select **35. User Profile Templates** in the **User Provisioning** main menu. The **Work with Templates Definition** screen appears.
2. Select the Template to be copied and press **3=Copy**. The **Copy User Template** screen appears.



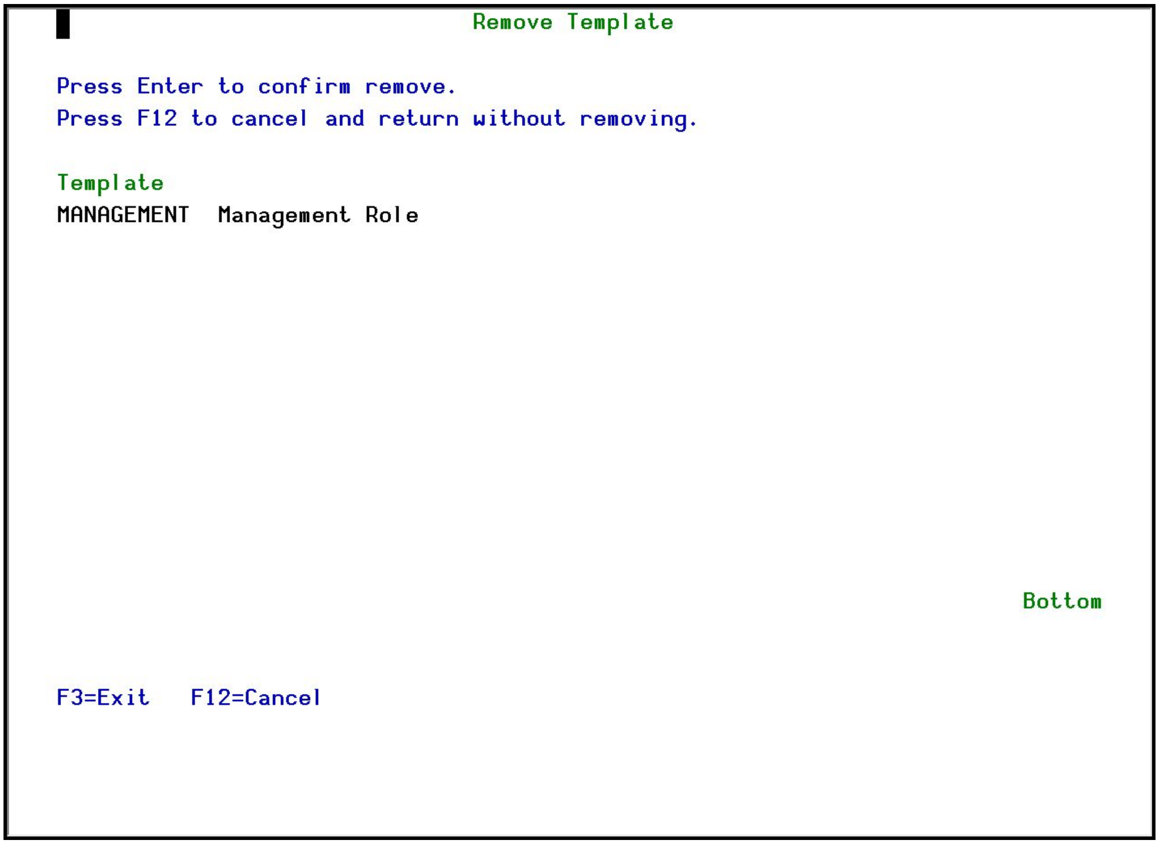
Copy User Template screen

3. Enter the name and description of the new template and press **Enter**. The new Template is added and now appears in the **Work with Templates Definition** screen.
4. Follow the instructions in [Modify a User Profile Template](#) to define the parameters of the new Template.

Delete a User Profile Template

To delete a User Profile Template:

1. Select **35. User Profile Templates** in the **User Provisioning** main menu. The **Work with Templates Definition** screen appears.
2. Select the Template to be deleted and press **4=Delete**. The **Delete User Template** screen appears.



Delete User Template screen

3. Press **Enter**. The Template is deleted and the updated **Work with Templates Definition** screen appears.

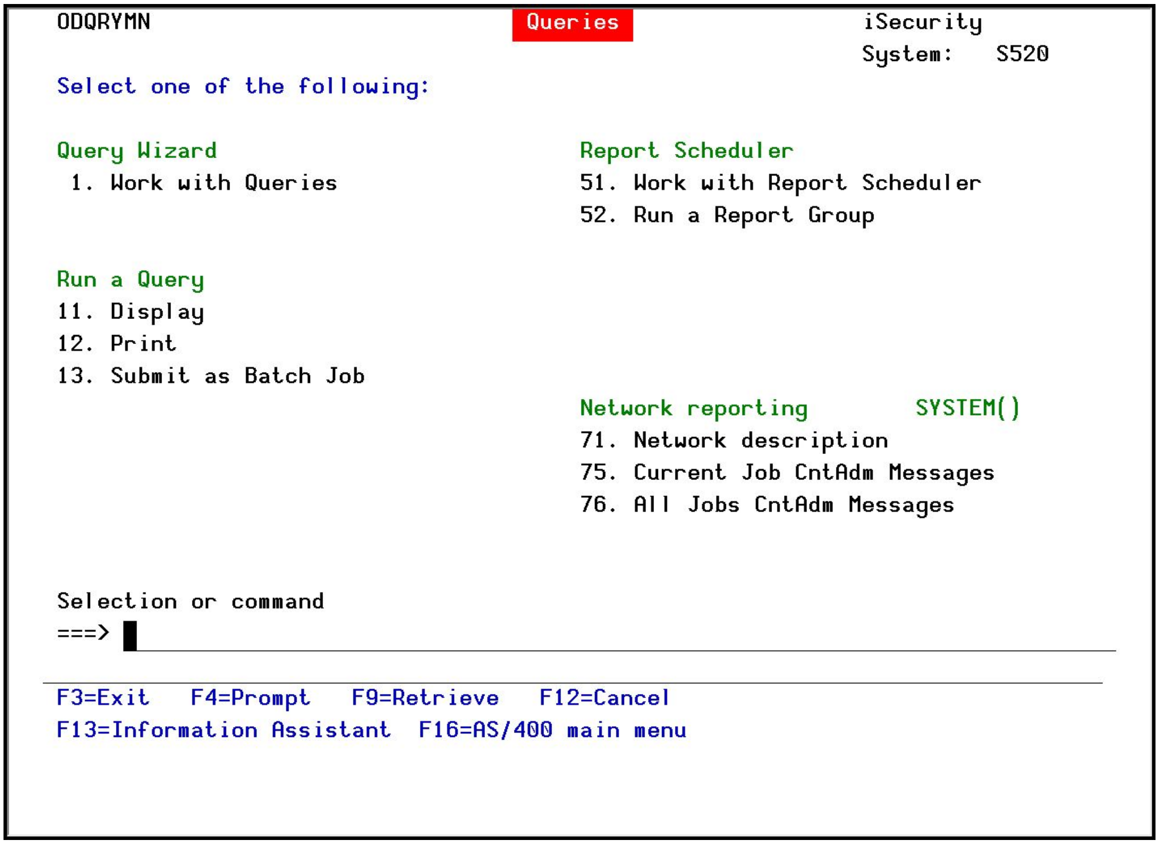
Reporting

User Provisioning allows you to prepare queries to show you the activity in the system. You can create reports for either display, or for printing, or to be written to various file formats, such as html and csv.

Create a New Query

To create a new query:

1. Select **41. Queries and Reports** in the **User Provisioning** main menu. The **Queries** menu appears.



Queries Menu

Field/Option/Command Key	Description
1. Work with Queries	Opens the **Work with Queries** screen.
11. Display	Opens the **Select Query for DISPLAY** screen.
12. Print	Opens the **Select Query for PRINT** screen.
13. Submit as Batch Job	Opens the **Select Query for SUBMIT** screen.
51. Work with Report Scheduler	Opens the **Work with Report Scheduler** screen.
52. Run a Report Group	Opens the **Run Report Group** screen.

2. Select **1. Work with Queries** in the Queries Menu .

```
                               Work with Queries
                                    Position to  . . . .  __________
                                    Subset by text . . .  _______________
                                      by classification.  _  C=Compliance,..
 Type options, press Enter.
   1=Select   3=Copy   4=Delete   5=Run   6=Print   7=Rename   8=Run as batch job
   9=Explanation & Classification   S=Schedule
 Opt  Query     Type  Description                                       Class.
  _   PWDRALL    P@   Password Reset All
  _   PWDRERR    P@   Password Reset Error
  _   PWDREXIT   P@   Password Reset EXIT
  _   PWDRMON    P@   Password Reset Monitor
  _   PWDROK     P@   Password Reset OK









                                                                        Bottom
 F3=Exit    F6=Add New    F7=Un/Fold    F8=Print    F12=Cancel
```

Work with Queries screen

Field/Option/Command Key	Description
1=Select	Opens the **Modify Queries** screen , to allow you to modify the selected query.
3=Copy	Opens the **Copy Queries** screen , to allow you to copy the selected query.
4=Delete	Opens the **Delete Queries** screen , to allow you to delete the selected query.
5=Run	Opens the **Run Queries** screen , to allow you to run the selected query.
6=Print	Opens the **Print Queries** screen , to allow you to print the selected query to a standard output device and file type (***PDF** , ***HTML** , ***CSV** , and so on).
7=Rename	Opens the **Rename Queries** screen , to allow you to rename the selected query.
8=Run as batch job	Opens the **Run a Query as a Batch Job** screen, to allow you to run the selected query in batch mode.
9=Explanation & Classification	Opens the **Explanation and Classification of Queries** screen.
S=Schedule	Opens the **Schedule Queries** screen , to allow you to schedule the selected query to run at a later date or time.
Query	The name of the Query.
Type	The type of the Query
Description	The description of the Query
F6=Add New	Opens the **Add Query** screen , to allow you to define a new query.

3. Press **F6=Add New**. The **Add Query** screen appears.

```
                              Add Query          Last change date  0/00/00
                                                          by user
Type choices, press Enter.

Query name  . . . . .  __________
Description . . . . .  __________________________________________________

Type  . . . . . . . .  __
                      Not Name
Time group  . . . . .  _  __________ N=Not included in time group

Output format . . . .  2             1=Tabular, 2=Tabular (1 line), 9=Log
If Output format=1
  Continue vertically    0           Field number, 0=*AUTO

Add Header / Total   .  1            1=Both, 2=Header, 3=Total,  4=Total only
                                     9=None

Action . . . . . . . . *NONE         Name, *NONE, *ADD, F4=Prompt

Password  . . . . . .
If entered, it prevents updates to the definition, but allows copying.
F3=Exit    F4=Prompt                                  F12=Cancel
```

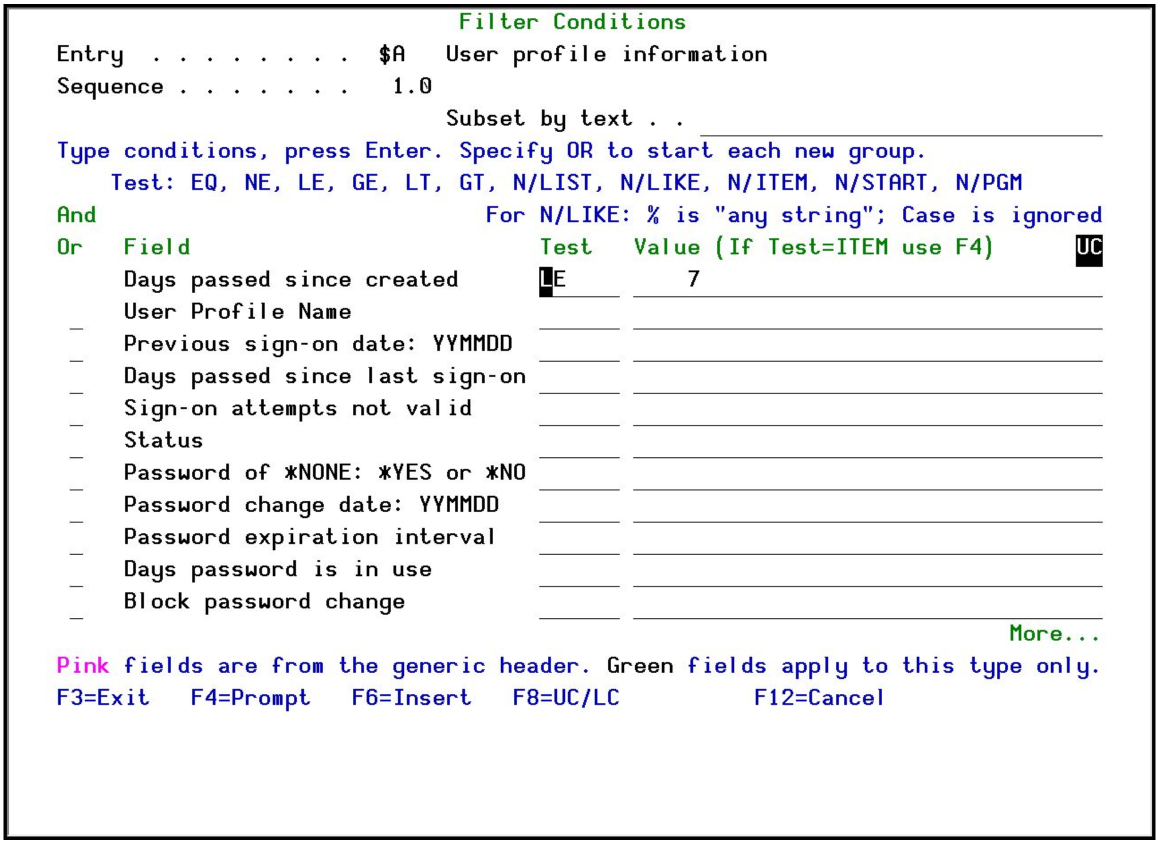
Add Query screen

Field/Option/Command Key	Description
Query name	Enter the name of the Query.
Description	Enter a meaningful description for the Query.
Type	Enter the Query Type. Press **F4** for a list of options.
Time group	You can define the Query to only run during the times defined in a Time Group. If you enter **N** in the Not field, the Query can only run in the times outside those defined in the Time Group.
Output format	Define the output format: 1=Tabular 2=Tabular (1 line) 9=Log
Continue vertically	If you select tabular output, define the field to continue with
Add Header / Total	Define if the Query should show Headers/Totals 1=Both 2=Header 3=Total 4=Total only 9=None
Action	You can define an action to be performed after running the
Password	You can password protect a Query to prevent updates to the Query.

4. Continue with the screens that define the Query, as described below.

Filter Conditions Screen

The Filter Conditions screen appears immediately after you define the basic query parameters for a single audit type query or after you define a filter rule for a multiple audit type query. You can include multiple filter conditions in your definition. Each filter condition consists of a comparison test applied to one of the fields in the history log record.



```
                              Filter Conditions
Entry  . . . . . . . .  $A   User profile information
Sequence . . . . . . .   1.0
                             Subset by text . .  ______________________________
Type conditions, press Enter. Specify OR to start each new group.
    Test: EQ, NE, LE, GE, LT, GT, N/LIST, N/LIKE, N/ITEM, N/START, N/PGM
And                             For N/LIKE: % is "any string"; Case is ignored
Or   Field                           Test   Value (If Test=ITEM use F4)      UC
     Days passed since created       LE        7
     User Profile Name               ______ ___________________________________
_    Previous sign-on date: YYMMDD   ______ ___________________________________
_    Days passed since last sign-on  ______ ___________________________________
_    Sign-on attempts not valid      ______ ___________________________________
_    Status                          ______ ___________________________________
_    Password of *NONE: *YES or *NO  ______ ___________________________________
_    Password change date: YYMMDD    ______ ___________________________________
_    Password expiration interval    ______ ___________________________________
_    Days password is in use         ______ ___________________________________
_    Block password change           ______ ___________________________________
_                                                                        More...
Pink fields are from the generic header. Green fields apply to this type only.
F3=Exit   F4=Prompt   F6=Insert   F8=UC/LC          F12=Cancel
```

Filter Conditions screen

Field/Option/Command Key	Description
And/Or	**A** or Blank = And **O** = Or
Field	Data field in the history log Pink fields are part of the generic header common to all journal types Green fields represent data specific to this journal entry type
Test	Comparison test type – see table on the following page for details
Value	Value to be used as the comparison text. Note that this filed is case sensitive.
F4	Displays explanatory information and/or options applicable to the data field on the line where the cursor is located
F6	Select another comparison test from a pop-up window and insert it at the current cursor position
F8	Change Caps Lock from lower to upper case. An indicator appears on the screen.

Filter conditions are optional. If no filter conditions are defined, your query will include all events for the specified audit type or types.

Comparison Test Operators

Several different types of comparison test operators are available as shown in the following table:

Test	Description	Value Field Data
EQ,NE	Equal to, Not equal to	Value
LT, LE	Less than, Less than or equal to	Value
GT, GE	Greater than, Greater than or equal to	Value
LIST, NLIST	Included in list, Not included in list	Values separated by a space
LIKE, NLIKE	Substring search	Value preceded and/or followed by **%**
ITEM/NITEM	Item in a group checks if the value is among the groups' members. The General group is an external value list that can be extended by creating new types.	• **`*USER`** – Check that the value is a user in a **`%GROUP`** of users • **`*GRPPRF`** – Check that the value is a user in an **`OS/400 Group Profile`** • **`*USRGRP`** – USER and all user profiles which are members of same user groups as USER • **`*ALL`** – For both **`*GRPPRF`** and **`*USRGRP`** cases • If the **`TYPE`** is missing, **`*USER`** or **`*USRGRP`** is assumed based on the appearance of % sign as the first character in the **`GROUP`** . • **`*SPCAUT`** – Check that the value is in the users Special-Authority

Test	Description	Value Field Data
START	Starts with	Starting characters of string

And/Or Boolean Operators

You can combine multiple filter conditions in one query using Boolean AND/OR operators. This allows you to create complex queries that produce precise results.

When using ‘Or’ operators in your filter conditions, the order in which each condition appears in the list conditions is critical. The ‘Or’ operator allows you to group several conditions together because it includes all ‘And’ conditions that follow it until the next ‘Or’ operator or until the end of the list.

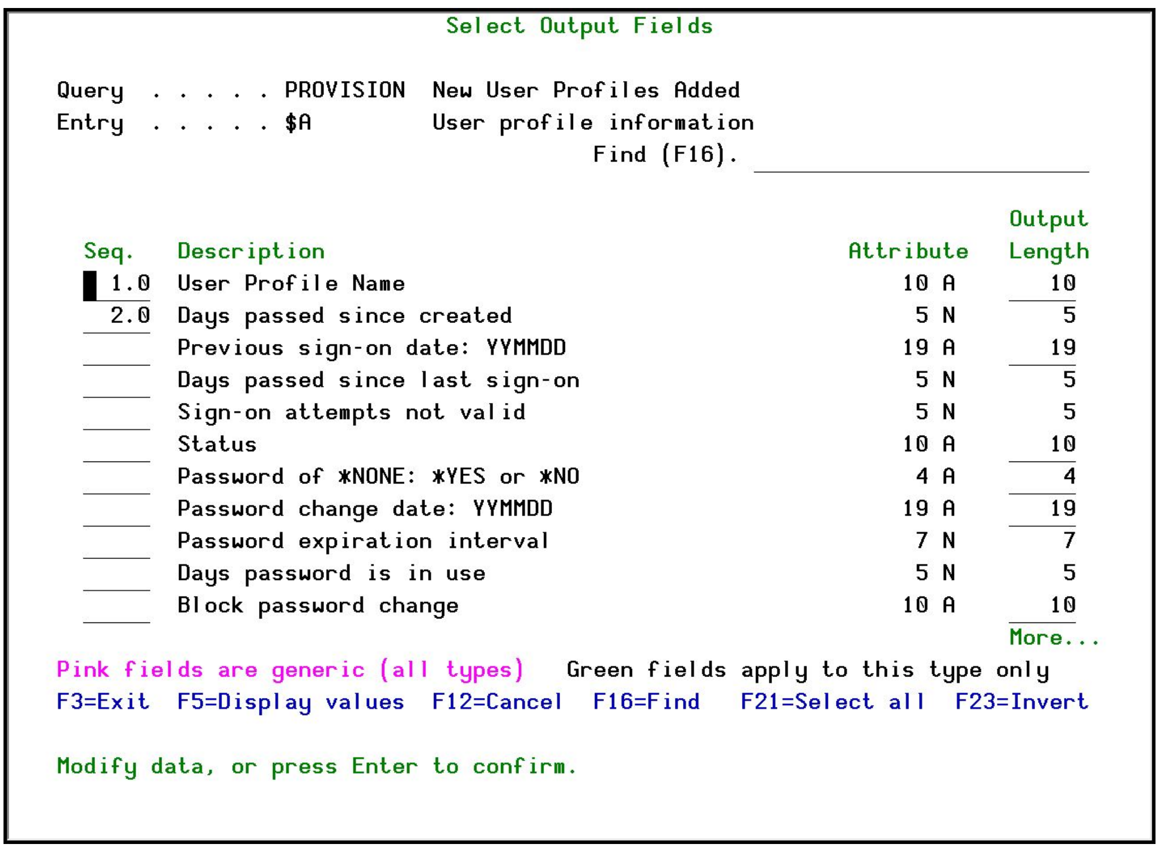
Select Output Fields Screen

The Select Output Fields screen allows you to select those fields from the history log that will appear in the query output and in which order they should appear from left to right. Fields appear in ascending on order the screen, with the top field corresponding to the left-hand field in the query report. The second field corresponds to field the field to the right of the left-hand field, and so on.

You change the order of the fields simply by modifying the sequence numbers. To delete a field from the query report, delete the sequence number. When you press Enter, the new field sequence appears on the screen, with deleted (blank sequence number) fields appearing at the bottom.

You must select at least one field for output.

Fields shown in pink are part of the generic header and are common to the history log record for all audit types. Fields shown in green (on the screen) are specific to the history log record for the currently selected audit type only.


```
                          Select Output Fields

 Query  . . . . . PROVISION  New User Profiles Added
 Entry  . . . . . $A         User profile information
                                         Find (F16). ________________

                                                                Output
   Seq.   Description                               Attribute   Length
    1.0   User Profile Name                            10 A        10
    2.0   Days passed since created                     5 N         5
          Previous sign-on date: YYMMDD                19 A        19
          Days passed since last sign-on                5 N         5
          Sign-on attempts not valid                    5 N         5
          Status                                       10 A        10
          Password of *NONE: *YES or *NO                4 A         4
          Password change date: YYMMDD                 19 A        19
          Password expiration interval                  7 N         7
          Days password is in use                       5 N         5
          Block password change                        10 A        10
                                                                More...
 Pink fields are generic (all types)   Green fields apply to this type only
 F3=Exit  F5=Display values  F12=Cancel  F16=Find   F21=Select all  F23=Invert

 Modify data, or press Enter to confirm.
```

Select Output Fields screen

Field/Option/Command Key	Description
F5	Displays field values
F21	**Select all –** selects all fields
F23	**Invert selection** – All selected items will be deselected and all items that are not selected will become selected. **Note** : You might wish to change the sequence numbers after using this command
Seq.	Enter the sequence you wish this field to appear in the query output. Lower numbers appear toward the left of the report and higher numbers appear toward the right.

Select Sort Fields Screen

You can sort records in your query output according to any combinations of fields in the history log record. The lowest sequence number (normally 1.0) represents the primary sort field. The second lowest number (normally 2.0) represents the secondary sort field, and so on.

Fields shown in pink are part of the generic header and are common to the history log record for all audit types. Fields appearing in green (on the screen) are specific to the history log record for the currently selected audit type.

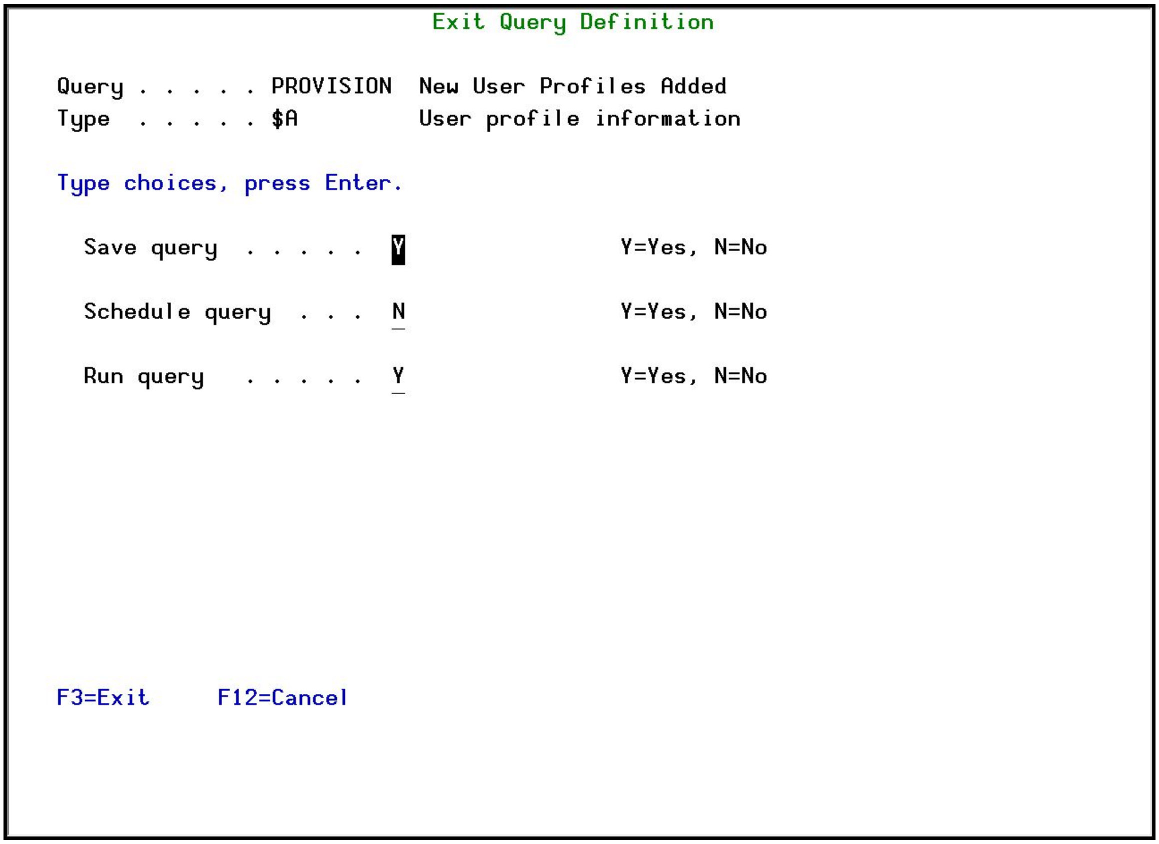
```
                                 Select Sort Fields

 Query  . . . . . PROVISION  New User Profiles Added
 Entry  . . . . . $A         User profile information
 Order A=Ascending D=Descending  A      Find (F16).
 Break after change of  . . . .   0     Number of sort fields, 0=No break
 Records to include . . . . . .  1      1=All records, 2=One record per key
   Seq.   Description
    1.0   Days passed since created
    2.0   User Profile Name
          Previous sign-on date: YYMMDD
          Days passed since last sign-on
          Sign-on attempts not valid
          Status
          Password of *NONE: *YES or *NO
          Password change date: YYMMDD
          Password expiration interval
          Days password is in use
          Block password change
                                                                     More...
 Pink fields are generic (all types)   Green fields apply to this type only
 F3=Exit  F5=Display values  F12=Cancel  F16=Find   F21=Select all  F23=Invert
```

Select Sort Fields screen

Field/Option/Command Key	Description
F5	Displays field values
F21	**Select all –** selects all fields
F23	**Invert selection** – All selected items will be deselected and all items that are not selected will become selected. **Note** : You might wish to change the sequence numbers after using this command
Seq.	Enter a number representing the sort sequence.

Exit Query Definition Screen

Upon exiting the query definitions, select to save the query, catalog the report in the report scheduler and whether to run the query now.



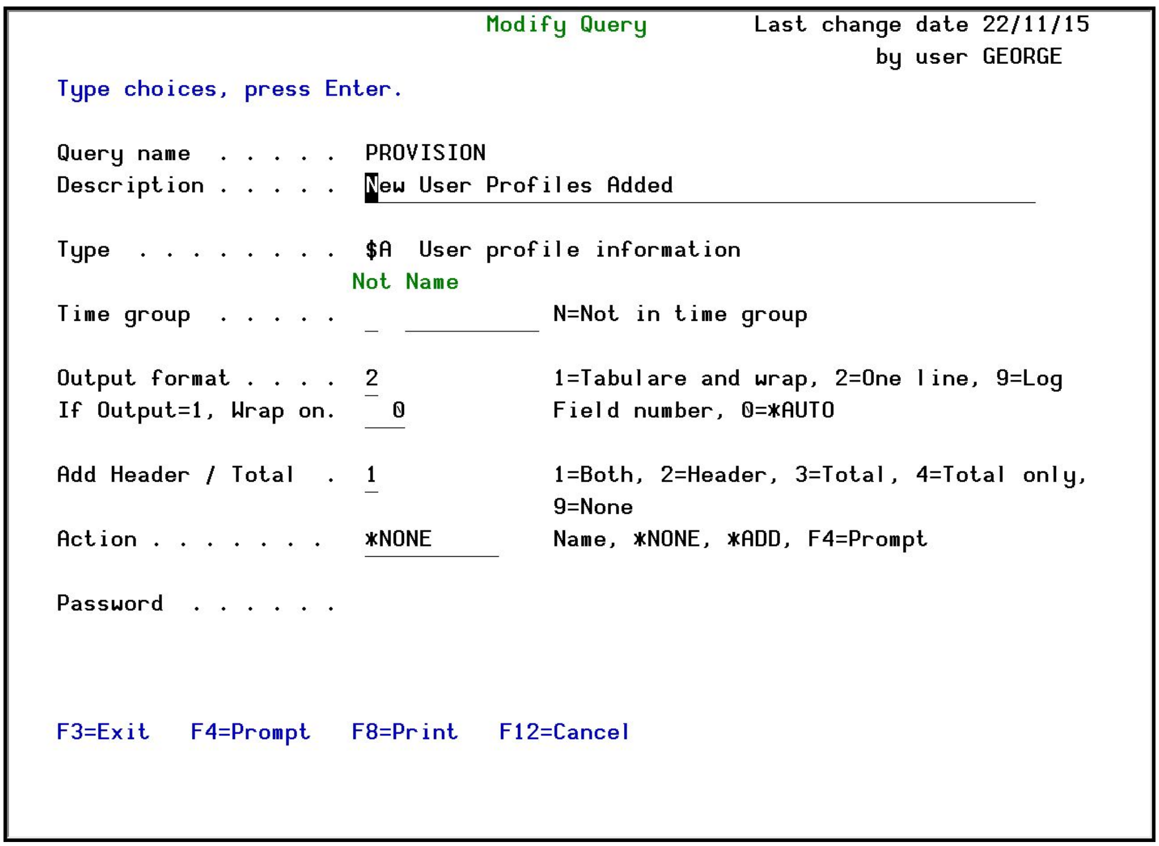
Exit Query Definition screen

Modify a Query

You may want to fine tune a query, to create your own version of a Raz-Lee query or to create a new query based on an existing query.

To modify a query:

1. Select **41. Queries and Reports** in the **User Provisioning** main menu. The **Queries** menu appears.
2. Select **1. Work with Queries** in the **Queries** menu. The **Work with Queries** screen appears.
3. Select the Query to modify and press **1=Select**. The **Modify Query** screen appears.



Modify Query screen

Field/Option/Command Key	Description
Query name	The name of the Query (read only).
Description	The description of the Query (read only).
Type	The Query Type (read only).
Time group	You can define the Query to only run during the times defined in a Time Group. If you enter **N** in the Not field, the Query can only run in the times outside those defined in the Time Group.
Output format	Define the output format: **1=Tabular** **2=Tabular (1 line)** **9=Log**
Continue vertically	If you select tabular output, define the field to continue with.
Add Header / Total	Define if the Query should show Headers/Totals **1=Both** **2=Header** **3=Total** **4=Total only** **9=None**
Action	You can define an action to be performed after running the Query.
Password	You can password protect a Query to prevent updates to the Query.

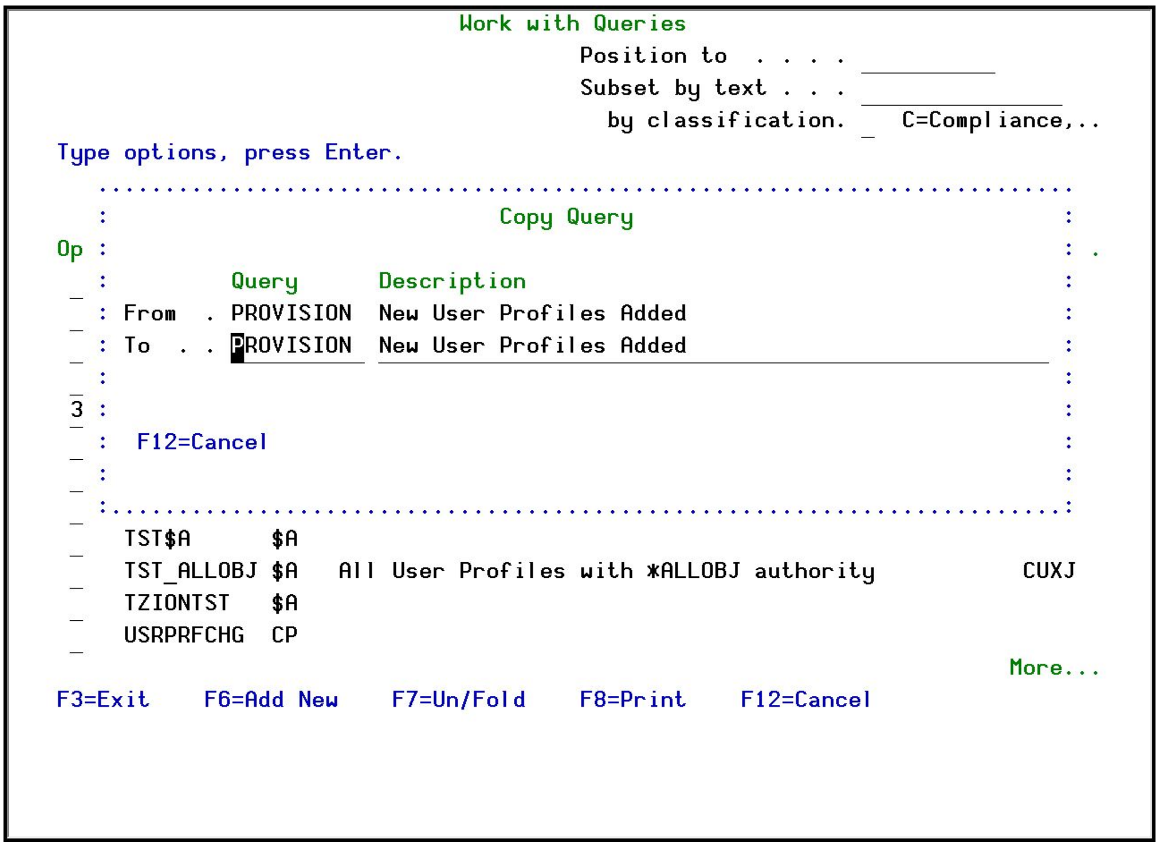
4. Enter your changes and press **Enter**. You should now continue with the rest of the screens as described in the Create a New Query procedure.

Copy a Query

You may want to create a new query similar to an existing query. Copy the query to a new name and then you can modify the new query.

To access:

1. Select **41. Queries and Reports** in the **User Provisioning** main menu. The **Queries** menu appears.
2. Select **1. Work with Queries** in the **Queries** menu. The **Work with Queries** screen appears.
3. Select the Query to copy and press **3=Copy**. The **Copy Query** window opens.



Copy Query screen

Field/Option/Command Key	Description
From	The Query from which you are copying (read only).
To	The Query to which you are copying. You can also change the Query description.

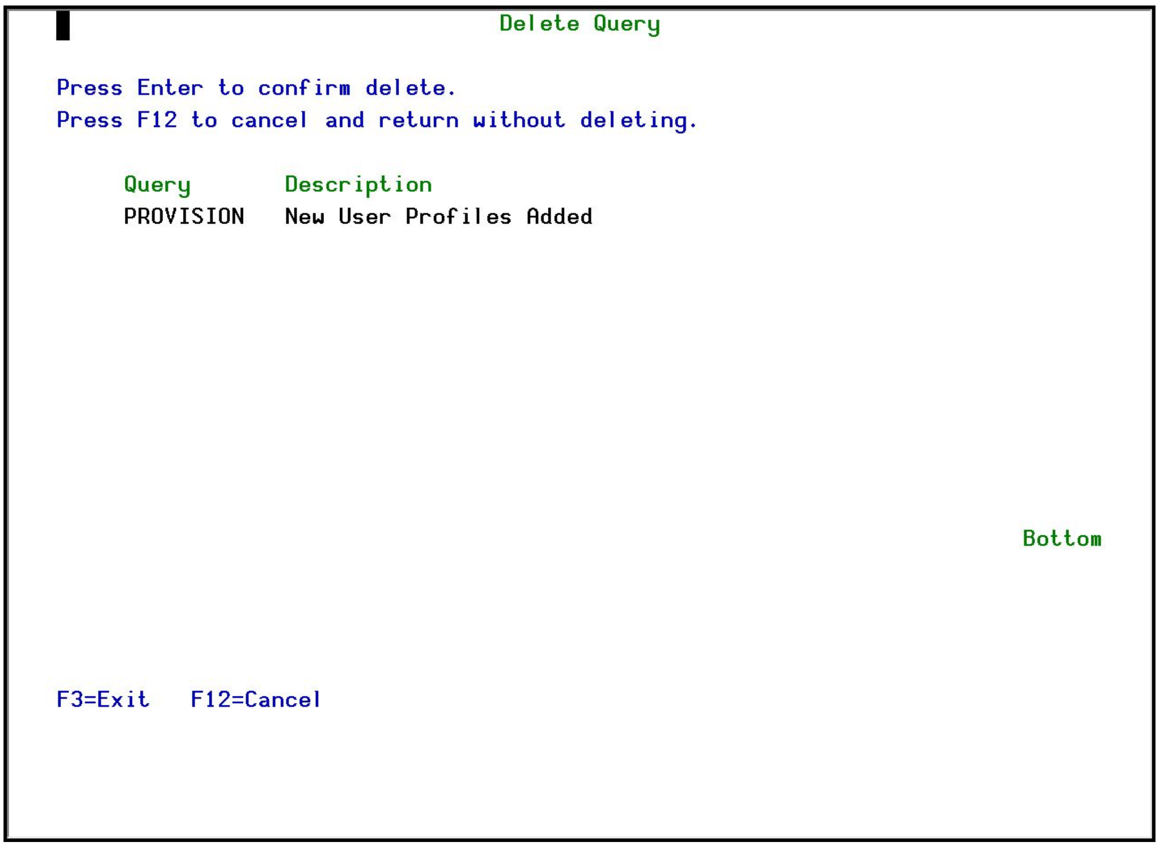
4. Enter the name and description of the new Query and press **Enter**. The updated **Work with Queries** screen appears.
5. Use the Modify a Query procedure to make the required changes to the new query.

Delete a Query

You can delete a query that is no longer in use.

To delete a query:

1. Select **41. Queries and Reports** in the **User Provisioning** main menu. The **Queries** menu appears.
2. Select **1. Work with Queries** in the **Queries** menu. The **Work with Queries** screen appears.
3. Select the Query to delete and press **4=Delete**. The **Delete Query** screen appears.



Delete Query screen

4. Press **Enter**. The Query is deleted and the updated **Work with Queries** screen appears.

Run a Query

To run a query:

1. Select **41. Queries and Reports** in the **User Provisioning** main menu. The **Queries** menu appears.
2. Select **1. Work with Queries** in the **Queries** menu. The **Work with Queries** screen appears.
3. Select the Query to run and press **5=Run**. The **Run Audit Query** screen appears.

```
                           Run Audit Query (RUNAUQRY)

 Type choices, press Enter.

 Query  . . . . . . . . . . . . . > PROVISION     Name, *SELECT
 Display last minutes . . . . . .   *BYTIME       Number, *BYTIME
 Starting date and time:
   Starting date  . . . . . . . .   *CURRENT      Date, *CURRENT, *YESTERDAY...
   Starting time  . . . . . . . .   000000        Time
 Ending date and time:
   Ending date  . . . . . . . . .   *CURRENT      Date, *CURRENT, *YESTERDAY...
   Ending time  . . . . . . . . .   235959        Time
 User profile . . . . . . . . . .   *ALL          Name, generic*, *ALL
 Run action on result . . . . . .   *NO           Name, *YES, *NO
 System to run for  . . . . . . .   *CURRENT      Name, *CURRENT, *group, *ALL..
 Number of records to process . .   *NOMAX        Number, *NOMAX
 Output . . . . . . . . . . . . . > *             *, *PRINT, *PDF, *HTML..



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

Run Audit Query Online screen

Field/Option/Command Key	Description
Query	**Name** = Name of query ***SELECT** = Select from list at run time
Display Last Minutes	Select only those records occurring within the previous number of minutes as specified by the user **Number** = Number of minutes
Starting Date and Time **Ending Date and Time**	Select only those records occurring within the range specified by the starting and ending time specified below ***CURRENT** = The current date (day the report runs) ***YESTERDAY** = The day before the current date ***WEEKSTR** = Beginning of the current week ***PRVWEEKSTR** = Beginning of the previous week ***MONTHSTR** = Beginning of the current month ***PRVMONTHSTR** = Beginning of the previous month ***YEARSTR** = Beginning of the current year ***PRVYEARSTR** = Beginning of the previous year ***MON - *SUN** = Day of the current (or previous) week **Note** : on all Raz-Lee Security queries ($A, $B, and so on), the time-related parameters and "User profile" are not relevant since these are "status" queries and not log (transaction) queries.
User Profile	Selects a subset of records by user profile

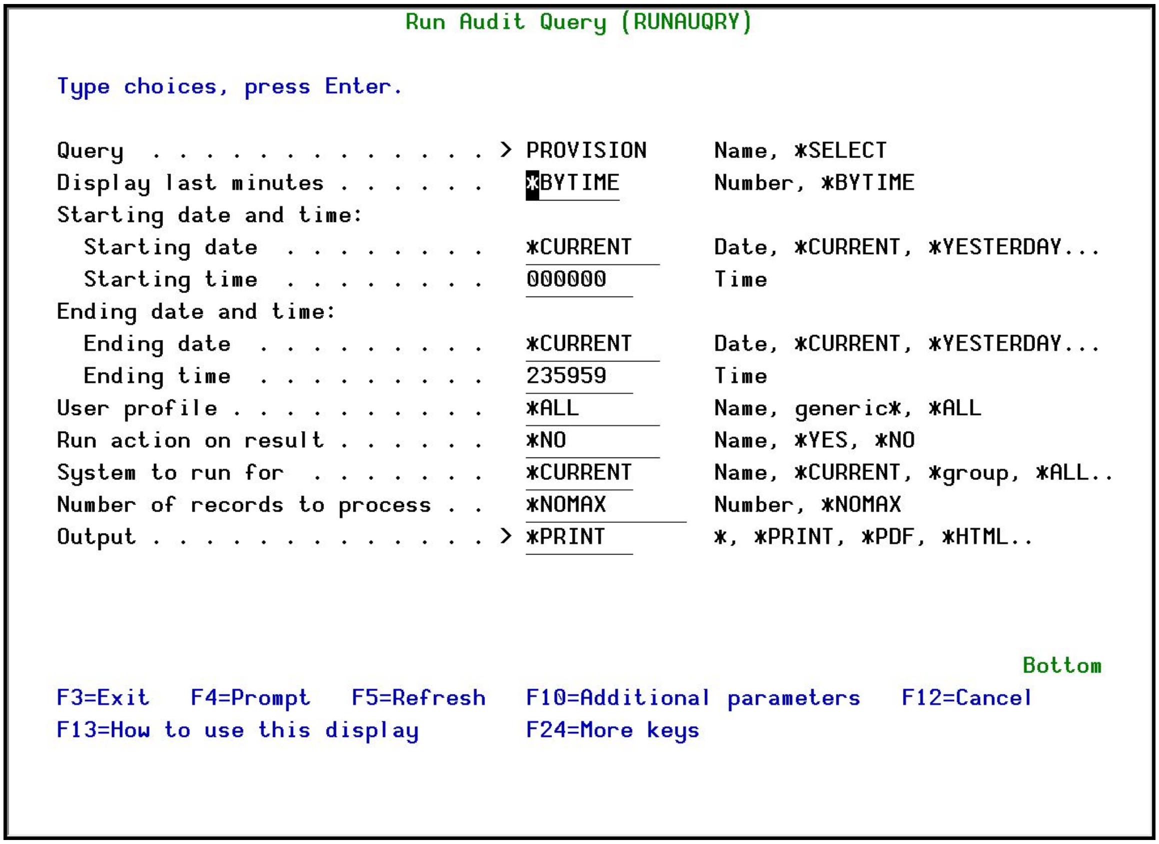
Field/Option/Command Key	Description
System to run for	The system to report information from: SYSTEM = the system to report information from *CURRENT = the current system Name = a system name that is defined in the **Work with Network Definitions** option of the AuditCentral **Administration** *Name = a group of systems as defined in the **Work with Network Definitions** option of the AuditCentral **Administration** *ALL = all the systems defined in the **Work with Network Definitions** option of the AuditCentral **Administration**
Number of Records to Process	Maximum number of records to process ***NOMAX** = No maximum (Default)
Output	***** = Display ***Print** = Printed report ***PDF** = Print report to PDF outfile ***HTML** = Print report to HTML outfile ***CSV** = Print report to CSV outfile ***OUTFILE** = Print report to view from the GUI .
Audit Type	Filter records by audit type ***All** = All audit types as specified in the query definition **F4** = Select OS/400 audit type group from a list
Program Name	Filter records by the name of the program that created the journal record.

Field/Option/Command Key	Description
Job Name User	Filter records by IBM i (OS/400) job name.
Job Name - Number	Filter records by IBM i (OS/400) job number.
Filter by Time Group – Relationship	***IN** = Include all records in time group ***OUT** = Include all records not in time group ***NONE** = Do not use time group, even if included in query definition ***QRY** = Use time group as specified in query definition
Filter by Time Group – Time Group	**Name** = Name of time group ***SELECT** = Select time group from list at run time

4. Enter your parameters (do ***NOT*** change the **Output** parameter) and press **Enter**. The query is run and the output is displayed on the screen.

Print a Query

1. Select **41. Queries and Reports** in the **User Provisioning** main menu. The **Queries** menu appears.
2. Select **1. Work with Queries** in the **Queries** menu. The **Work with Queries** screen appears.
3. Select the Query to run and press **6=Run**. The **Run Audit Query** screen appears.



Run Audit Query to Print screen

Field/Option/Command Key	Description
Query	**Name** = Name of query ***SELECT** = Select from list at run time
Display Last Minutes	Select only those records occurring within the previous number of minutes as specified by the user **Number** = Number of minutes
Starting Date and Time **Ending Date and Time**	Select only those records occurring within the range specified by the starting and ending time specified below ***CURRENT** = The current date (day the report runs) ***YESTERDAY** = The day before the current date ***WEEKSTR** = Beginning of the current week ***PRVWEEKSTR** = Beginning of the previous week ***MONTHSTR** = Beginning of the current month ***PRVMONTHSTR** = Beginning of the previous month ***YEARSTR** = Beginning of the current year ***PRVYEARSTR** = Beginning of the previous year ***MON - *SUN** = Day of the current (or previous) week **NOTE:** on all Raz-Lee Security queries ($A, $B, and so on), the time-related parameters and "User profile" are not relevant since these are "status" queries and not log (transaction) queries.
User Profile	Selects a subset of records by user profile

Field/Option/Command Key	Description
System to run for	The system to report information from: SYSTEM = the system to report information from *CURRENT = the current system Name = a system name that is defined in the **Work with Network Definitions** option of the AuditCentral **Administration** *Name = a group of systems as defined in the **Work with Network Definitions** option of the AuditCentral **Administration** *ALL = all the systems defined in the **Work with Network Definitions** option of the AuditCentral **Administration**
Number of Records to Process	Maximum number of records to process ***NOMAX** = No maximum (Default)
Output	***** = Display ***Print** = Printed report ***PDF** = Print report to PDF outfile ***HTML** = Print report to HTML outfile ***CSV** = Print report to CSV outfile ***OUTFILE** = Print report to view from the GUI .
Audit Type	Filter records by audit type ***All** = All audit types as specified in the query definition **F4** = Select OS/400 audit type group from a list
Program Name	Filter records by the name of the program that created the journal record.

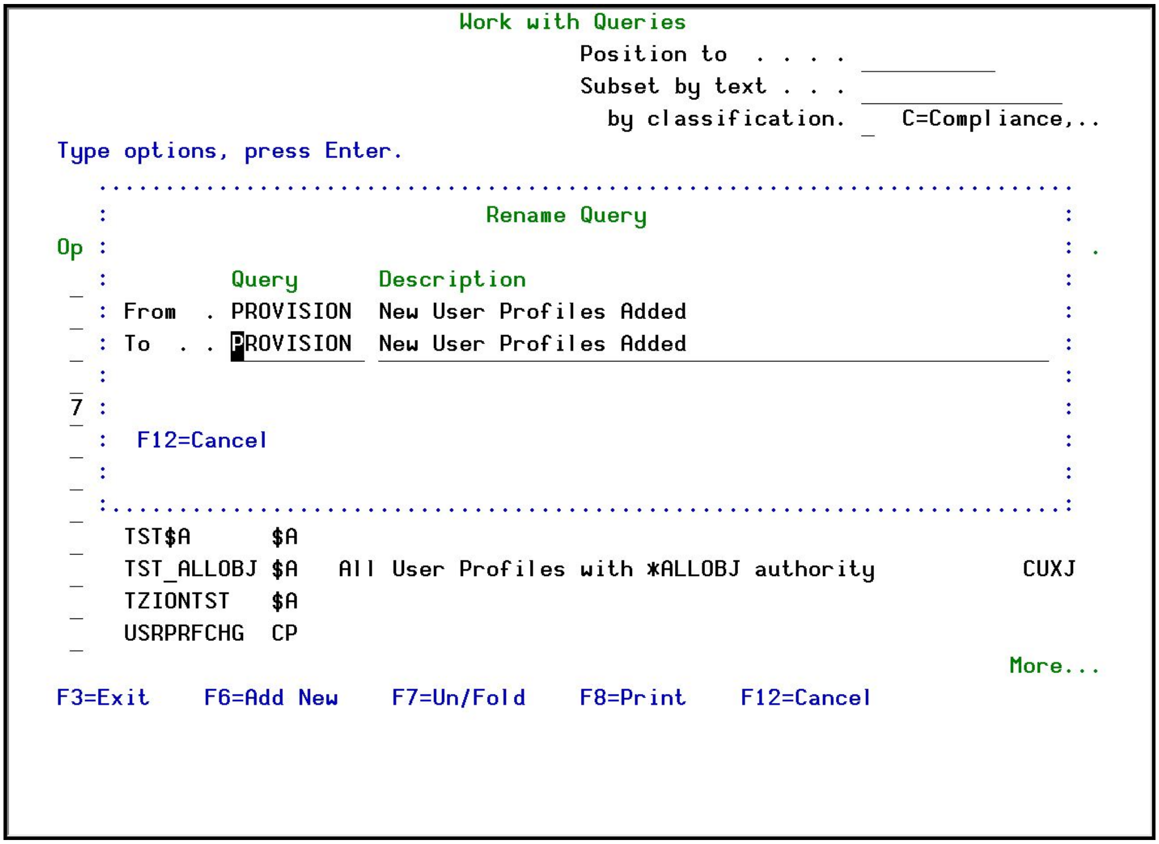
Field/Option/Command Key	Description
Job Name User	Filter records by IBM i (OS/400) job name.
Job Name - Number	Filter records by IBM i (OS/400) job number.
Filter by Time Group – Relationship	***IN** = Include all records in time group ***OUT** = Include all records not in time group ***NONE** = Do not use time group, even if included in query definition ***QRY** = Use time group as specified in query definition
Filter by Time Group – Time Group	**Name** = Name of time group ***SELECT** = Select time group from list at run time

4. Enter your parameters (do ***NOT*** change the **Output** parameter) and press **Enter**. The query is run and the output is displayed on the screen.

Rename a Query

To rename a query:

1. Select **41. Queries and Reports** in the **User Provisioning** main menu. The **Queries** menu appears.
2. Select **1. Work with Queries** in the **Queries** menu. The **Work with Queries** screen appears.
3. Select the Query to run and press **7=Rename**. The **Rename Query** window opens.



Rename Query screen

Field/Option/Command Key	Description
From	The current name and description of the Query.
To	The new name and description of the Query.

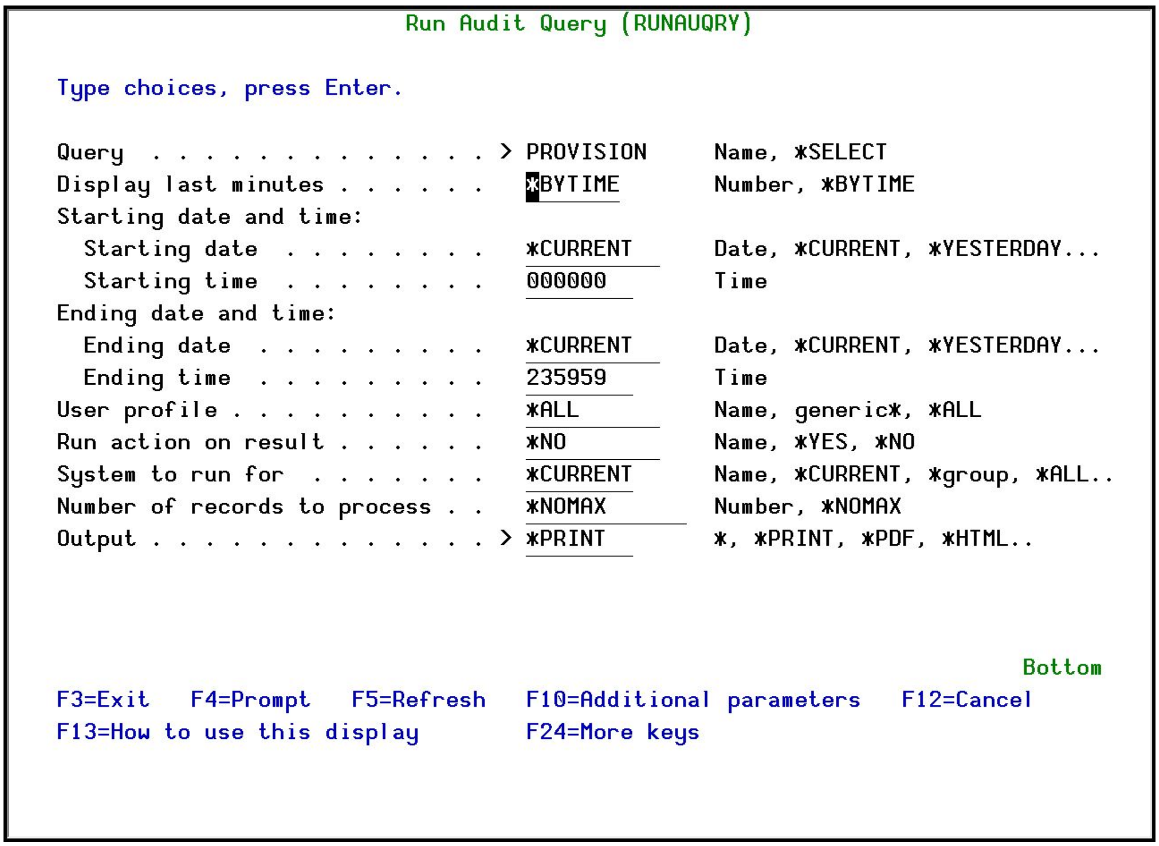
4. Enter the new name and description of the Query and press **Enter**. The updated **Work with Queries** screen appears.

Run a Query as a Batch Job

Running a query in batch mode (from the Job Queue) allows you to continue with other work while the query is running.

To run a query in batch:

1. Select **41. Queries and Reports** in the **User Provisioning** main menu. The **Queries** menu appears.
2. Select **1. Work with Queries** in the **Queries** menu. The **Work with Queries** screen appears.
3. Select the Query to run and press **8=Run as batch job**. The **Run Audit Query** screen appears.


```
                          Run Audit Query (RUNAUQRY)

 Type choices, press Enter.

 Query  . . . . . . . . . . . . . . > PROVISION     Name, *SELECT
 Display last minutes . . . . . .     *BYTIME       Number, *BYTIME
 Starting date and time:
   Starting date  . . . . . . . .     *CURRENT      Date, *CURRENT, *YESTERDAY...
   Starting time  . . . . . . . .     000000        Time
 Ending date and time:
   Ending date  . . . . . . . . .     *CURRENT      Date, *CURRENT, *YESTERDAY...
   Ending time  . . . . . . . . .     235959        Time
 User profile . . . . . . . . . .     *ALL          Name, generic*, *ALL
 Run action on result . . . . . .     *NO           Name, *YES, *NO
 System to run for  . . . . . . .     *CURRENT      Name, *CURRENT, *group, *ALL..
 Number of records to process . .     *NOMAX        Number, *NOMAX
 Output . . . . . . . . . . . . . > *PRINT          *, *PRINT, *PDF, *HTML..


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

Run Audit Query in a Batch Job screen

Field/Option/Command Key	Description
Query	**Name** = Name of query ***SELECT** = Select from list at run time
Display Last Minutes	Select only those records occurring within the previous number of minutes as specified by the user **Number** = Number of minutes
Starting Date and Time **Ending Date and Time**	Select only those records occurring within the range specified by the starting and ending time specified below ***CURRENT** = The current date (day the report runs) ***YESTERDAY** = The day before the current date ***WEEKSTR** = Beginning of the current week ***PRVWEEKSTR** = Beginning of the previous week ***MONTHSTR** = Beginning of the current month ***PRVMONTHSTR** = Beginning of the previous month ***YEARSTR** = Beginning of the current year ***PRVYEARSTR** = Beginning of the previous year ***MON - *SUN** = Day of the current (or previous) week **NOTE:** on all Raz-Lee Security queries ($A, $B, and so on), the time-related parameters and "User profile" are not relevant since these are "status" queries and not log (transaction) queries.
User Profile	Selects a subset of records by user profile

Field/Option/Command Key	Description
System to run for	The system to report information from: SYSTEM = the system to report information from *CURRENT = the current system Name = a system name that is defined in the **Work with Network Definitions** option of the AuditCentral **Administration** *Name = a group of systems as defined in the **Work with Network Definitions** option of the AuditCentral **Administration** *ALL = all the systems defined in the **Work with Network Definitions** option of the AuditCentral **Administration**
Number of Records to Process	Maximum number of records to process ***NOMAX** = No maximum (Default)
Output	***** = Display ***Print** = Printed report ***PDF** = Print report to PDF outfile ***HTML** = Print report to HTML outfile ***CSV** = Print report to CSV outfile ***OUTFILE** = Print report to view from the GUI .
Audit Type	Filter records by audit type ***All** = All audit types as specified in the query definition **F4** = Select OS/400 audit type group from a list
Program Name	Filter records by the name of the program that created the journal record.

Field/Option/Command Key	Description
Job Name User	Filter records by IBM i (OS/400) job name.
Job Name - Number	Filter records by IBM i (OS/400) job number.
Filter by Time Group – Relationship	***IN** = Include all records in time group ***OUT** = Include all records not in time group ***NONE** = Do not use time group, even if included in query definition ***QRY** = Use time group as specified in query definition
Filter by Time Group – Time Group	**Name** = Name of time group ***SELECT** = Select time group from list at run time

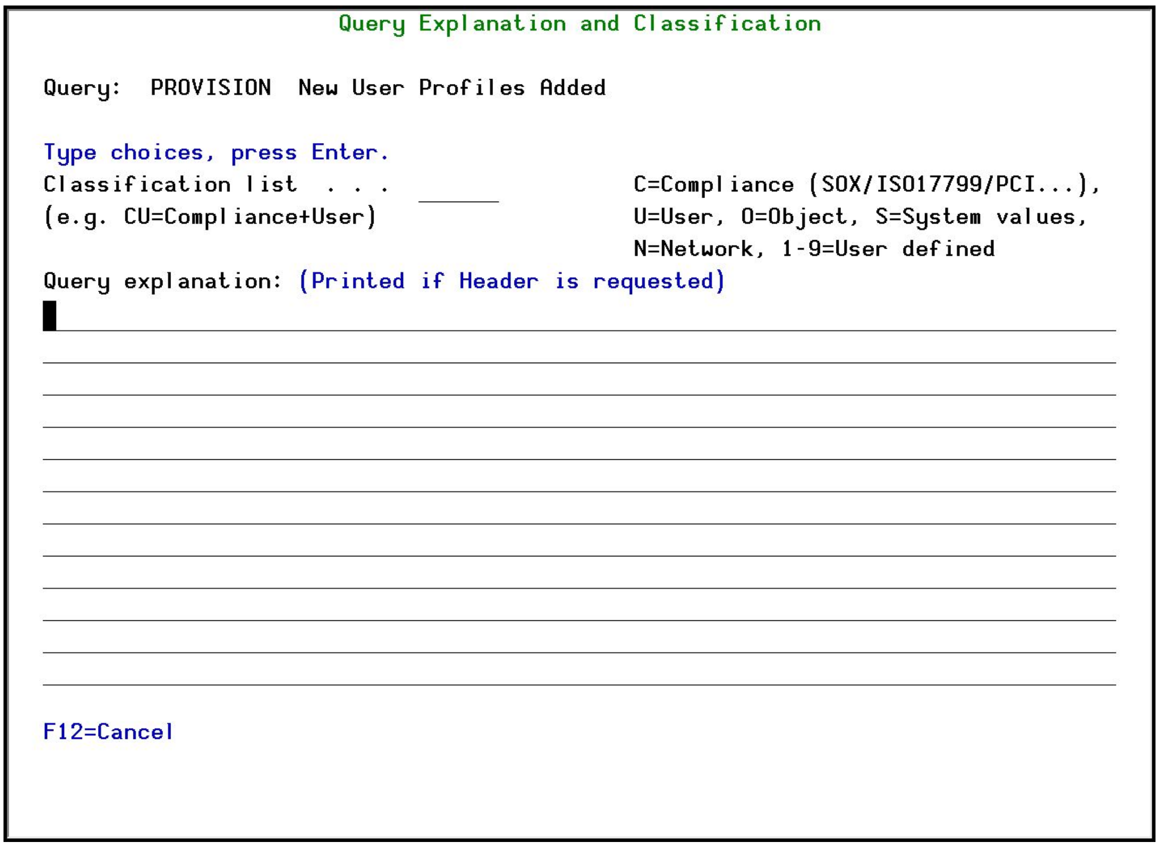
4. Enter your parameters (do ***NOT*** change the **Output** parameter) and press **Enter**. The query is run in batch mode.

Explanation and Classification of a Query

You can classify the Query and also provide a detailed explanation which will be printed on the first page of the report.

To define the classification and explanation of the query:

1. Select **41. Queries and Reports** in the **User Provisioning** main menu. The **Queries** menu appears.
2. Select **1. Work with Queries** in the **Queries** menu. The **Work with Queries** screen appears.
3. Select the Query to run and press **9=Explanation & Classification**. The **Query Explanation and Classification** screen appears.



Query Explanation and Classification screen

Field/Option/Command Key	Description
Classification list	
Query explanation	

4. Enter your definitions and press **Enter**. You are returned to the **Work with Queries** screen.

Schedule Copy Local Users

It is important to keep your organization's user data and the product's user data synchronized. You can schedule a job to run periodically to do this.

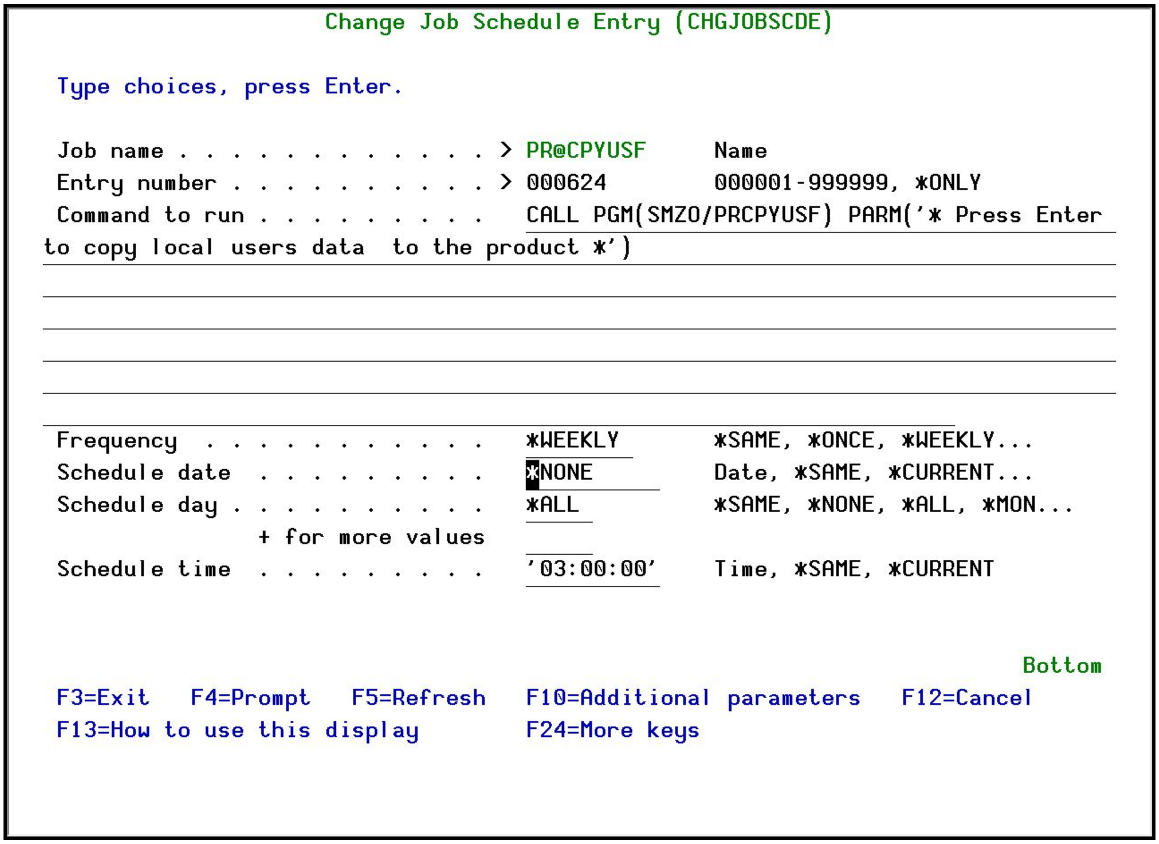
To schedule user data synchronization:

1. Select **64. Copy Persons Info** in the **User Provisioning** main menu. The **Copy Person Info From Existing Files** menu appears.
2. Select **12. Schedule Copy Local Users** in the **Copy Person Info From Existing Files** menu. The **Work with Job Schedule Entries** screen appears.

```
                       Work with Job Schedule Entries              S520
                                                         22/11/15  14:35:33

 Type options, press Enter.
   2=Change   3=Hold   4=Remove   5=Display details   6=Release
   8=Work with last submission    10=Submit immediately

                                                                  Next
                           -----Schedule------           Recovery Submit
 Opt  Job         Status   Date       Time      Frequency  Action  Date
      PR@CPYUSF    SCD     *ALL       03:00:00  *WEEKLY   *SBMRLS  23/11/15

                                                                      Bottom
 Parameters or command
 ===>
 F3=Exit   F4=Prompt          F5=Refresh    F6=Add     F9=Retrieve
 F11=Display job queue data   F12=Cancel    F17=Top    F18=Bottom
```

Work with Job Schedule Entries screen

2. The job is set to run weekly at 03:00. Use option **2=Change** to update this. The **Change Job Schedule Entry** screen appears.



```
                     Change Job Schedule Entry (CHGJOBSCDE)

 Type choices, press Enter.

 Job name . . . . . . . . . . . > PR@CPYUSF      Name
 Entry number . . . . . . . . . > 000624         000001-999999, *ONLY
 Command to run . . . . . . . .   CALL PGM(SMZO/PRCPYUSF) PARM('* Press Enter
to copy local users data  to the product *')







 Frequency  . . . . . . . . . .   *WEEKLY        *SAME, *ONCE, *WEEKLY...
 Schedule date  . . . . . . . .   *NONE          Date, *SAME, *CURRENT...
 Schedule day . . . . . . . . .   *ALL           *SAME, *NONE, *ALL, *MON...
               + for more values
 Schedule time  . . . . . . . .   '03:00:00'     Time, *SAME, *CURRENT


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

Change Job Schedule Entry screen

Field/Option/Command Key	Description
Frequency	***SAME** = Value does not change ***ONCE** = Run the report group once only ***WEEKLY** = Run on the same day or days of each week ***MONTHLY** = Run on the same day or days of each month
Schedule Date	**Date** = The specific day on which the report will run ***SAME** = Value does not change ***CURRENT** = The current date (day the report runs) ***MONTHSTR** = First day of the next month ***MONTHEND** = Last day of the current month ***NONE** = Use day of week value in the **Schedule Day** field below
Schedule Day	One of ***MON** , ***TUE** , ***WED** , ***THU** , ***FRI** , ***SAT** , or ***SUN** ***ALL** = Run every day (overrides the **Frequency** parameter) ***NONE** = Use day of week value in the **Schedule Date** field above.
Schedule Time	Time of day using the 24 hour clock (HH:MM:SS)

3. Update the parameters and press **Enter**. The job will now run according to the updated parameters.

Unschedule a Query

You can remove a query from running in a group of reports.

To remove a query from a schedule:

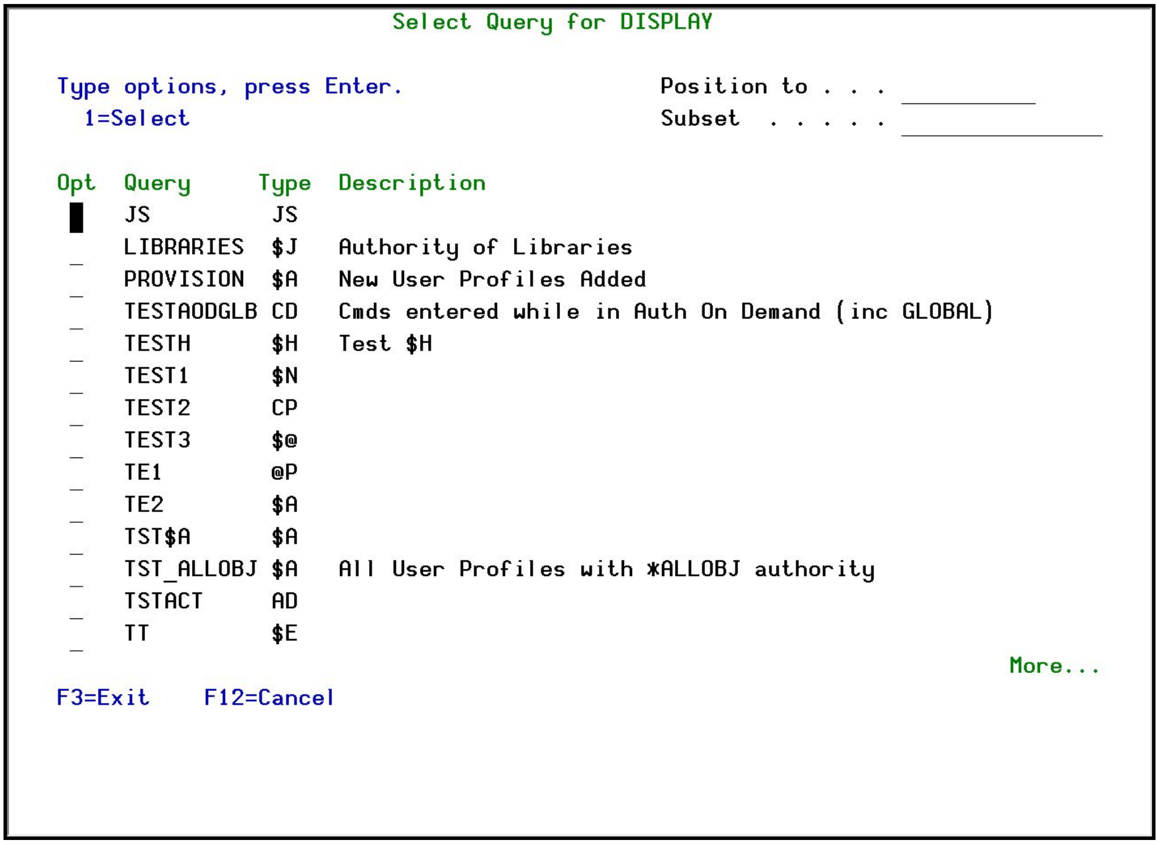
1. Select **41. Queries and Reports** in the **User Provisioning** main menu. The **Queries** menu appears.
2. Select **1. Work with Queries** in the **Queries** menu. The **Work with Queries** screen appears.
3. Select the Query to run and press **S=Schedule**. The **Schedule Query** screen appears.
4. Enter **4** next to the group from which you want to remove the query and press **Enter**. You are returned to the **Work with Queries** screen.

Select a Query for DISPLAY

You can run a query and the results are displayed on the screen.

To run a query:

1. Select **41. Queries and Reports** in the **User Provisioning** main menu. The **Queries** menu appears.
2. Select **11. Display** in the in the **Queries** menu. The **Select Query for Display** screen appears.



```
                      Select Query for DISPLAY

Type options, press Enter.                    Position to . . .
  1=Select                                    Subset  . . . . .

Opt  Query      Type  Description
     JS          JS
 _   LIBRARIES   $J   Authority of Libraries
 _   PROVISION   $A   New User Profiles Added
 _   TESTAODGLB  CD   Cmds entered while in Auth On Demand (inc GLOBAL)
 _   TESTH       $H   Test $H
 _   TEST1       $N
 _   TEST2       CP
 _   TEST3       $@
 _   TE1         @P
 _   TE2         $A
 _   TST$A       $A
 _   TST_ALLOBJ  $A   All User Profiles with *ALLOBJ authority
 _   TSTACT      AD
 _   TT          $E
 _                                                               More...
F3=Exit    F12=Cancel
```

Select Query for DISPLAY screen

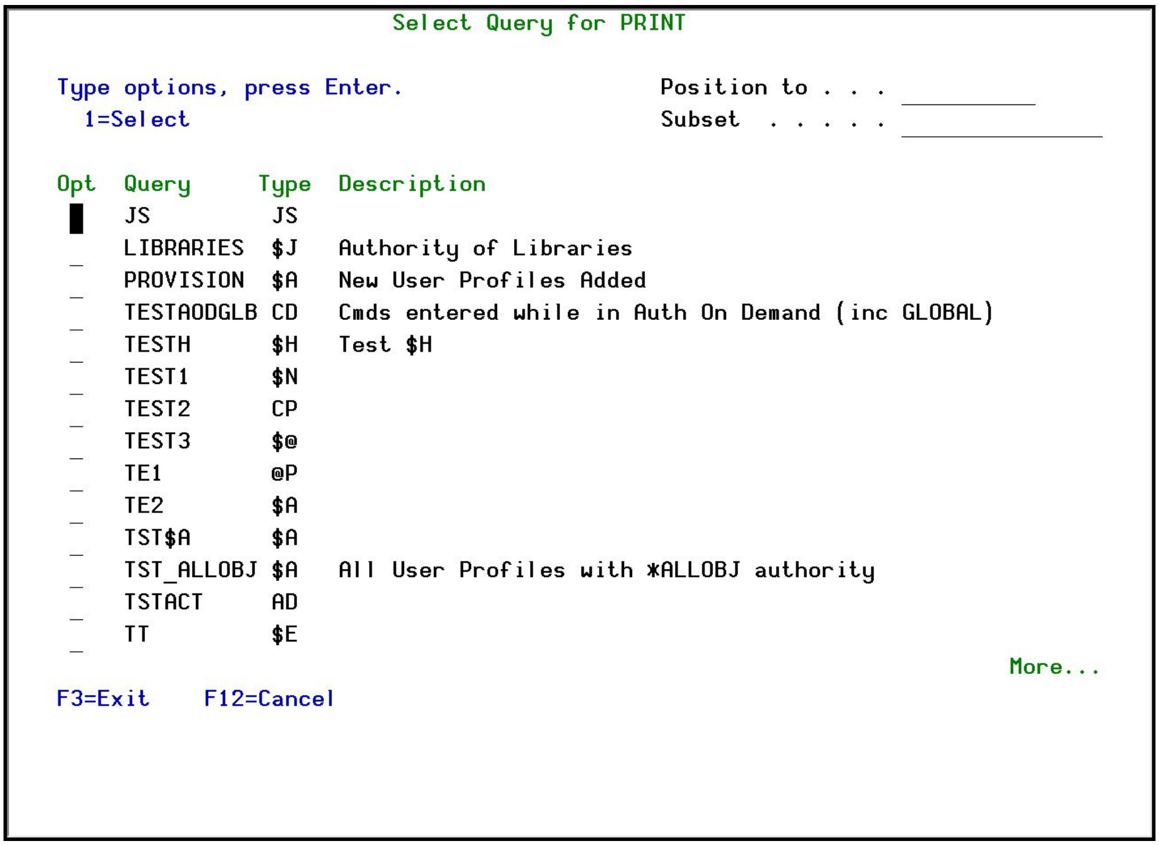
3. Select the Query to run and press **1=Select**. The **Run Audit Query** screen appears.
4. Continue with step 4 of the Run a Query procedure.

Select a Query for PRINT

You can run a query and the results are printed.

To print a query:

1. Select **41. Queries and Reports** in the **User Provisioning** main menu. The **Queries** menu appears.
2. Select **12. Print** in the in the **Queries** menu. The **Select Query for Print** screen appears.



Select Query for PRINT screen

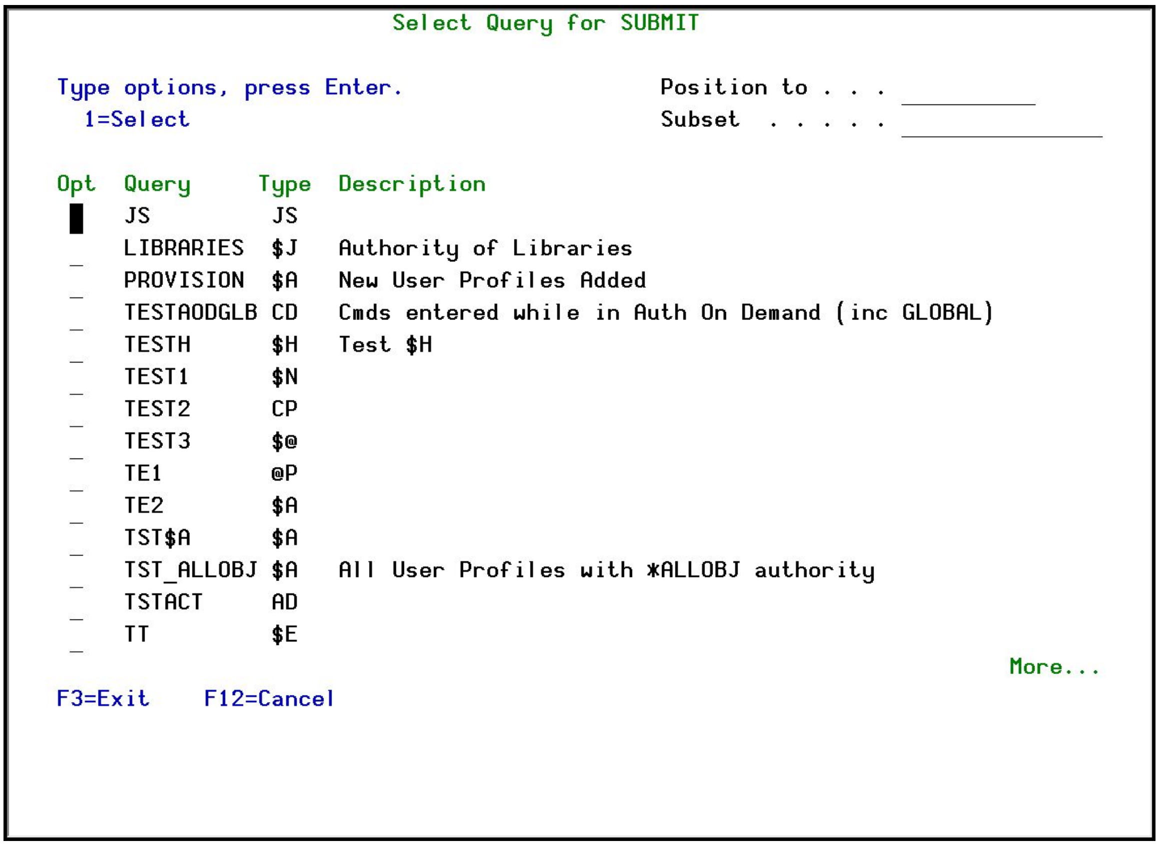
3. Select the Query to run and press **1=Select**. The **Run Audit Query** screen appears.
4. Continue with step 4 of the Print a Query procedure.

Select a Query for SUBMIT

You can run a query in batch mode and the results are printed.

To run a query in batch mode:

1. Select **41. Queries and Reports** in the **User Provisioning** main menu. The **Queries** menu appears.
2. Select **13. Submit as Batch Job** in the in the **Queries** menu. The **Select Query for Submit** screen appears.



```
                         Select Query for SUBMIT

 Type options, press Enter.                  Position to . . .
   1=Select                                  Subset  . . . . .

 Opt  Query      Type  Description
      JS          JS
 _    LIBRARIES   $J   Authority of Libraries
 _    PROVISION   $A   New User Profiles Added
 _    TESTAODGLB  CD   Cmds entered while in Auth On Demand (inc GLOBAL)
 _    TESTH       $H   Test $H
 _    TEST1       $N
 _    TEST2       CP
 _    TEST3       $@
 _    TE1         @P
 _    TE2         $A
 _    TST$A       $A
 _    TST_ALLOBJ  $A   All User Profiles with *ALLOBJ authority
 _    TSTACT      AD
 _    TT          $E
 _                                                                More...
 F3=Exit    F12=Cancel
```

Select Query for SUBMIT screen

1. Select the Query to run and press **1=Select**. The **Run Audit Query** screen appears.
2. Continue with step 4 of the Run a Query as a Batch Job procedure.

Work with Report Scheduler

Defining Report Groups

The first step in the Report Scheduler definition process is to define the report group. The report group definition consists of a group name, description and several run time parameters that apply to each report in the group.

Note: For all parameters that exist at both the group and individual report level (for example, email address to receive the report), if no entry is made in the individual report, the group parameter is used. All parameters defined in the individual report override the group parameter.

To work with Report Groups:

1. Select **51. Work with Report Scheduler** from the **Queries** menu. The **Work with Report Scheduler** screen appears.

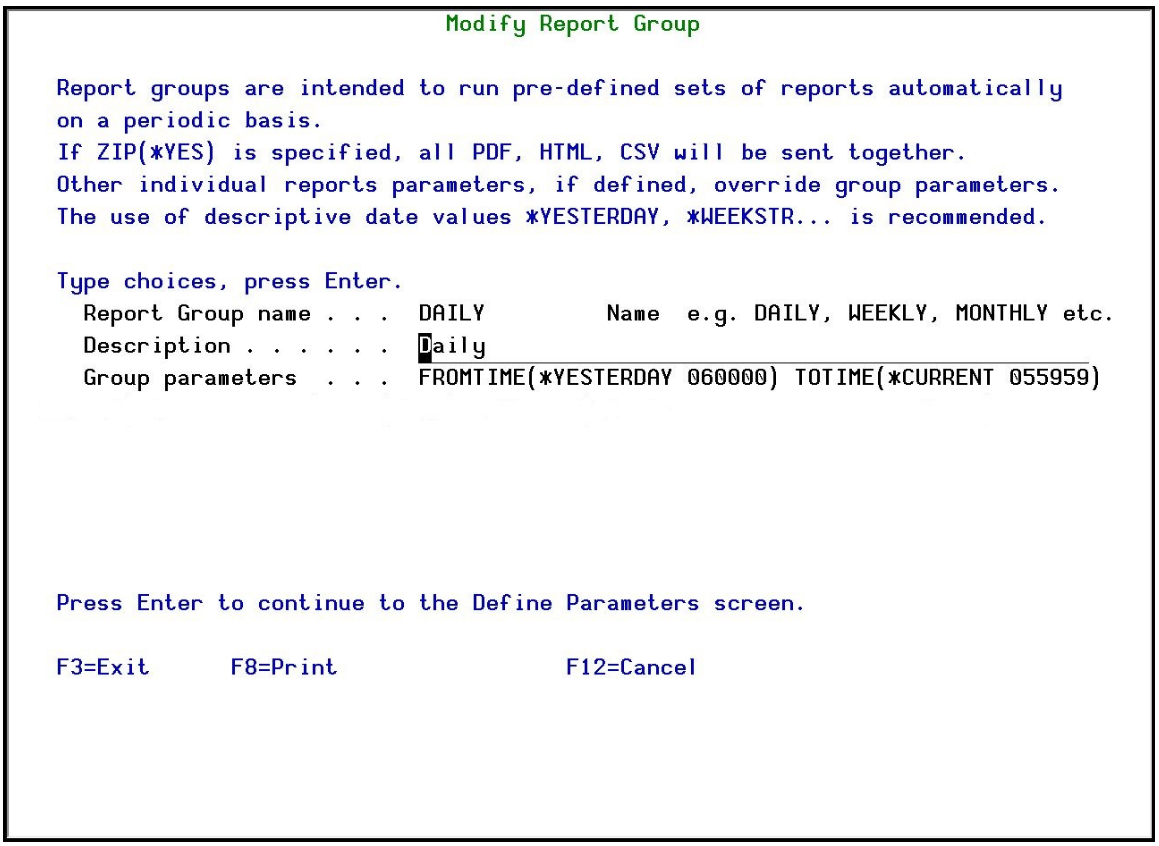
Report groups appear on the screen sorted in alphabetical order by the group name. The individual reports contained in each group appear directly below the group name arranged according to a user-modifiable sequence.

```
                          Work with Report Scheduler
                                    Position to  . . . .  _______
                                    Subset by text . . .  _______________
  Type options, press Enter.
    1=Select   2=Add   3=Copy   4=Delete   5=Run

  Opt Group     Seq  Description                                          Query
  _   AUDITOR        TEXT FOR AUDITOR
  _               1  All User Profiles with *ALLOBJ authority             Z$A_ALLOBJ
  _               4  Run Audit Query                                      Z$A_DEFPW
  _   DAILY          Daily
  _               1  Run Audit Query                                      Z8A#
  _               2  Objects that QSECOFR is their primary group          A$C_ALL
  _               3                                                       TWCRTTRCK
  _               4                                                       CHGTRCKR1
  _               5                                                       PRSOX
  _               6  Test                                                 TST$A2
  _   DAILYGU        Daily, for GUI output (EXCEL like, preformatted)
  _   DAILYHT        TEXT FOR DAILYHT
  _               1  Test                                                 TSTUSRGEN
                                                                            More...
  F3=Exit    F5=Refresh    F6=Add New Group    F8=Print     F12=Cancel
```

Work with Report Scheduler screen

Field/Option/Command Key	Description
F6	Create new report group
Opt	**1** = Select group for modification **2** = Add a new report to the selected group **3** = Copy the group together with all of its reports (or copy an individual report from one group to another) **4** = Delete the group together with all of its reports (or delete an individual report) **5** = Run the Queries in the Group.

2. Do one of the following:
   - To create a new report group, press **F6** to access the **Add Report Group** screen. Assign a name and enter a brief description.
   - To modify an existing group, type **1** next to that group to access the **Modify Report Group** screen.



```
                              Modify Report Group

 Report groups are intended to run pre-defined sets of reports automatically
 on a periodic basis.
 If ZIP(*YES) is specified, all PDF, HTML, CSV will be sent together.
 Other individual reports parameters, if defined, override group parameters.
 The use of descriptive date values *YESTERDAY, *WEEKSTR... is recommended.

 Type choices, press Enter.
   Report Group name . . .   DAILY        Name  e.g. DAILY, WEEKLY, MONTHLY etc.
   Description . . . . . .   Daily
   Group parameters  . . .   FROMTIME(*YESTERDAY 060000) TOTIME(*CURRENT 055959)




 Press Enter to continue to the Define Parameters screen.

 F3=Exit      F8=Print                 F12=Cancel
```

Modify Report Group screen

Field/Option/Command Key	Description
Report Group Name	Enter a name with a maximum of 7 alphanumeric characters. The name must begin with a letter.
Description	Free text description of the report group
Group Parameters	Command string automatically generated, based on run-time parameters specified for the report group

```
                          Modify Report Definition

 Reports in a group run periodically, as per the group definition.
 If ZIP(*YES) is specified for the Group, the mail info is taken from the Group.
 Other parameters defined for the report, override group parameters.

 Group DAILY      Daily

 Type choices, press Enter.

   Report Id. . . . . . .      2
   Description . . . . . .  Objects that QSECOFR is their primary group
   Report command /*SELECT  RUNAUQRY
                            Run Audit Query
   Report parameters . . .  QRY(A$C_ALL)






 F3=Exit    F4=Set Parameters    F7=Select Command    F8=Print    F12=Cancel
```

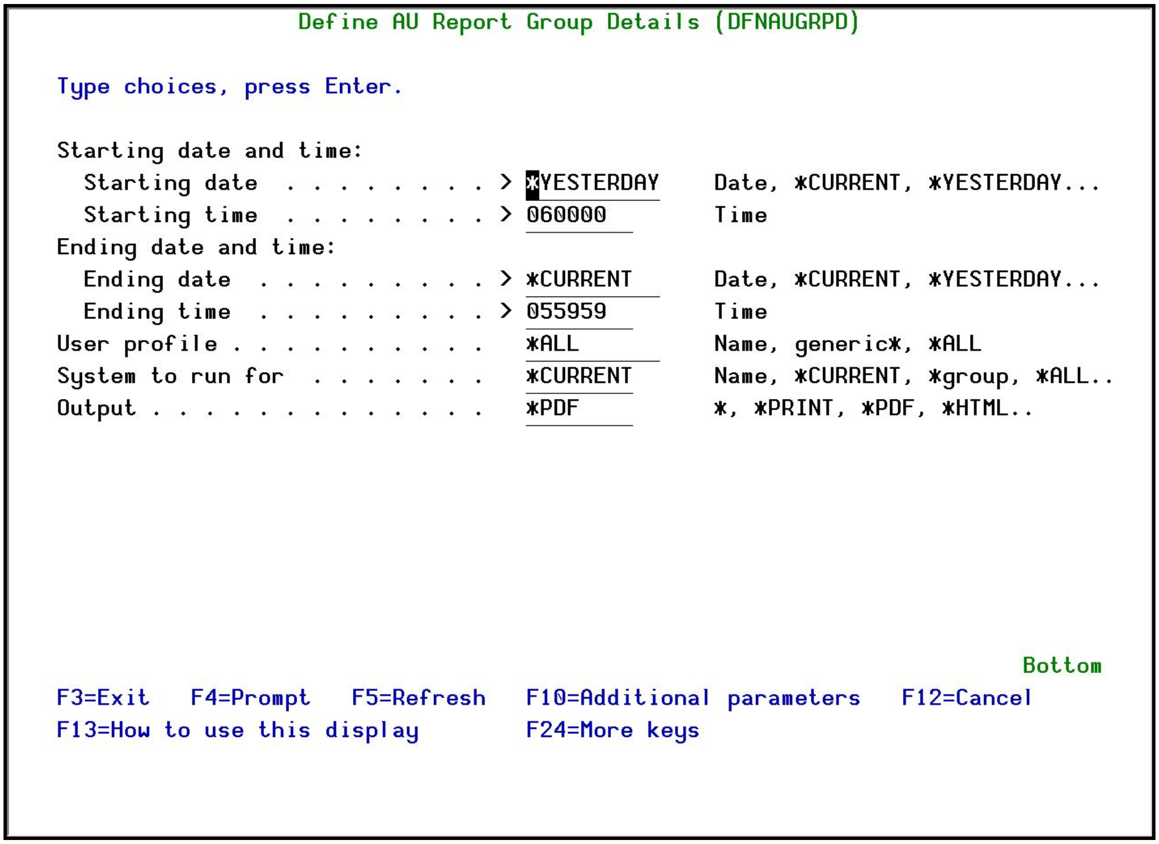
Modify Report Definition screen

Field/Option/Command Key	Description
Report Group Name	Enter a name with a maximum of 7 alphanumeric characters. The name must begin with a letter.
Description	Free text description of the report group
Group Parameters	Command string automatically generated, based on run-time parameters specified for the report group
F4	Work with run-time parameters for this report.
F7	Select report type from a pop-up window

3. Press **Enter**. The **Define AU Report Group Details** screen appears.

This screen allows you to define run-time filters that apply to all reports in the group. Run-time filter criteria allow you to display or print only a subset of the data extracted by the query definition. For example, if your query definition does not include filter criteria for a user profile (for example, includes all user profiles), you can use this screen to print only activity associated with a specific user profile.

Run-time filter criteria will not extract data that is not included in the query definition itself. For example, if your query definition includes filter criteria only for the user profile ***JOHN*** and you enter run-time criteria for the user ***SALLY***, no records will be displayed.



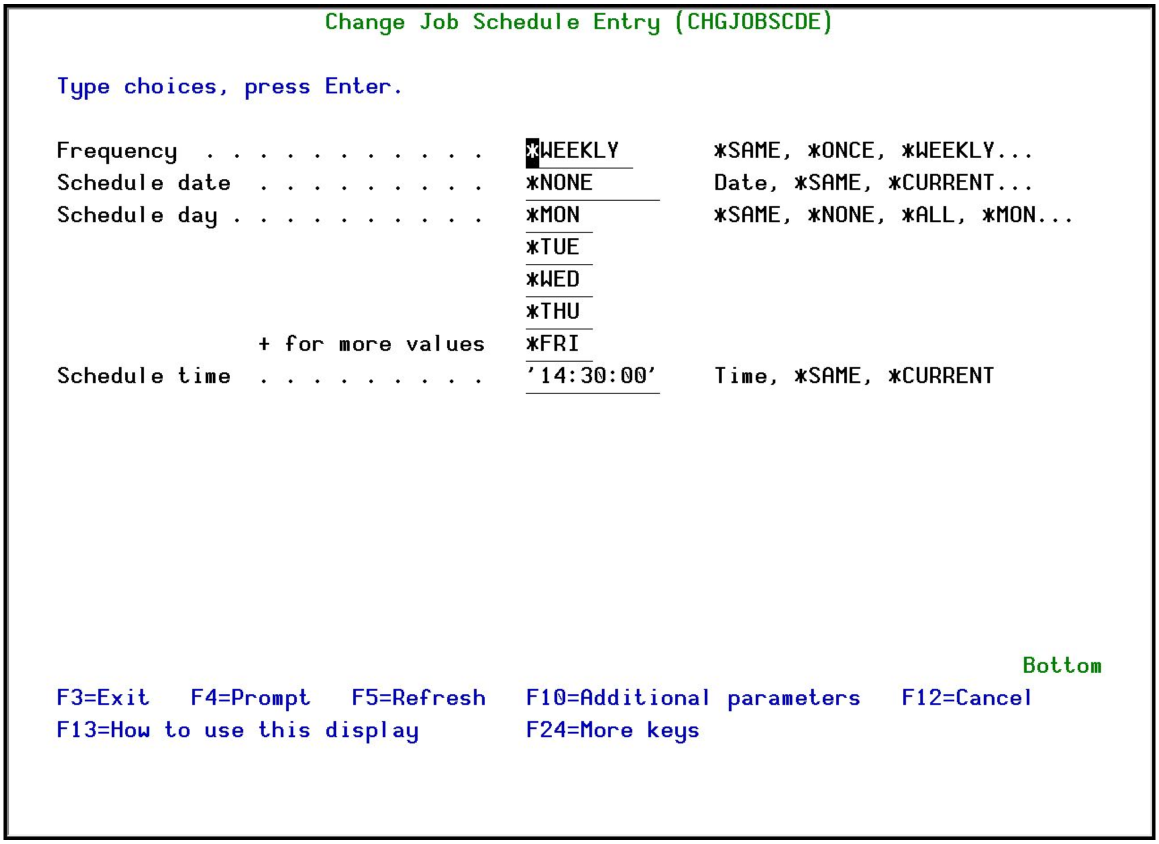
```
                   Define AU Report Group Details (DFNAUGRPD)

 Type choices, press Enter.

 Starting date and time:
   Starting date . . . . . . . . > *YESTERDAY    Date, *CURRENT, *YESTERDAY...
   Starting time . . . . . . . . > 060000        Time
 Ending date and time:
   Ending date . . . . . . . . . > *CURRENT      Date, *CURRENT, *YESTERDAY...
   Ending time . . . . . . . . . > 055959        Time
 User profile . . . . . . . . . .  *ALL          Name, generic*, *ALL
 System to run for  . . . . . . .  *CURRENT      Name, *CURRENT, *group, *ALL..
 Output . . . . . . . . . . . . .  *PDF          *, *PRINT, *PDF, *HTML..

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

Define Report Group Details screen

Field/Option/Command Key	Description
Starting/Ending Date	Enter a fixed date or use one of the following constants: ***CURRENT** = The current date (day the report runs) ***YESTERDAY** = The day before the current date ***WEEKSTR** = Beginning of the current week ***PRVWEEKSTR** = Beginning of the previous week ***MONTHSTR** = Beginning of the current month ***PRVMONTHSTR** = Beginning of the previous month ***YEARSTR** = Beginning of the current year ***PRVYEARSTR** = Beginning of the previous year ***MON** - ***SUN** = Day of the current (or previous) week **Note** : All constants are relative to the day on which the report runs.
Starting/Ending Time	Time of day using the 24 hour clock (HH:MM:SS)
User Profile	User profile that instigated the event being audited
System to run for	The system to report information from ***CURRENT** = the current system ***Name** = a group of systems defined in the system (see Work with network definitions for more details) ***ALL** = all the systems defined in the system

Field/Option/Command Key	Description
	(see Work with network definitions for more details)
Output	***** = Display ***Print** = Printed report ***PDF** = Print report to PDF outfile ***HTML** = Print report to HTML outfile ***CSV** = Print report to CSV outfile ***Outfile** = Print report to view from the GUI select print option
Compress outputs together	***YES** = Send all reports produced from the group (up to 15) in a single email ***NO** = Send each report produced from the group in a separate email

4. Enter the run time parameters and press **Enter**. The **Change Job Schedule Entry** screen appears.



Change Job Schedule Entry screen

Field/Option/Command Key	Description
Frequency	***SAME** = Value does not change ***ONCE** = Run the report group once only ***WEEKLY** = Run on the same day or days of each week ***MONTHLY** = Run on the same day or days of each month
Schedule Date	**Date** = The specific day on which the report will run ***SAME** = Value does not change ***CURRENT** = The current date (day the report runs) ***MONTHSTR** = First day of the next month ***MONTHEND** = Last day of the current month ***NONE** = Use day of week value in the **Schedule Day** field below
Schedule Day	One of ***MON** , ***TUE** , ***WED** , ***THU** , ***FRI** , ***SAT** , or ***SUN** ***ALL** = Run every day (overrides the **Frequency** parameter) ***NONE** = Use day of week value in the **Schedule Date** field above.
Schedule Time	Time of day using the 24 hour clock (HH:MM:SS)

The **Schedule Date** and **Schedule Day** fields are mutually exclusive. If you use one, you must set the other to the value ***NONE**. Other fields may appear on this screen, which is associated with the IBM i (OS/400) ***CHGJOBSCDE*** command. These fields are not relevant under most circumstances.

5. Enter your schedule parameters and press **Enter**. The **Work with Report Scheduler** screen appears.

Defining a Report

The next step in the definition process is to define the individual reports that are contained in the report group.

To define a report:

1. To add a new report to a group, type **2** next to the group name, or type **2** next to an individual report to modify it. The **Report Definition** screen appears (see Defining Report Groups for more details).
2. Define run time parameters for this report. The actual parameters available are specific to the report type.
   - For more information about query and log parameters, see the *Audit User Guide*.
3. Press **Enter** to finish the definition and return to the **Work with Report Scheduler** screen.

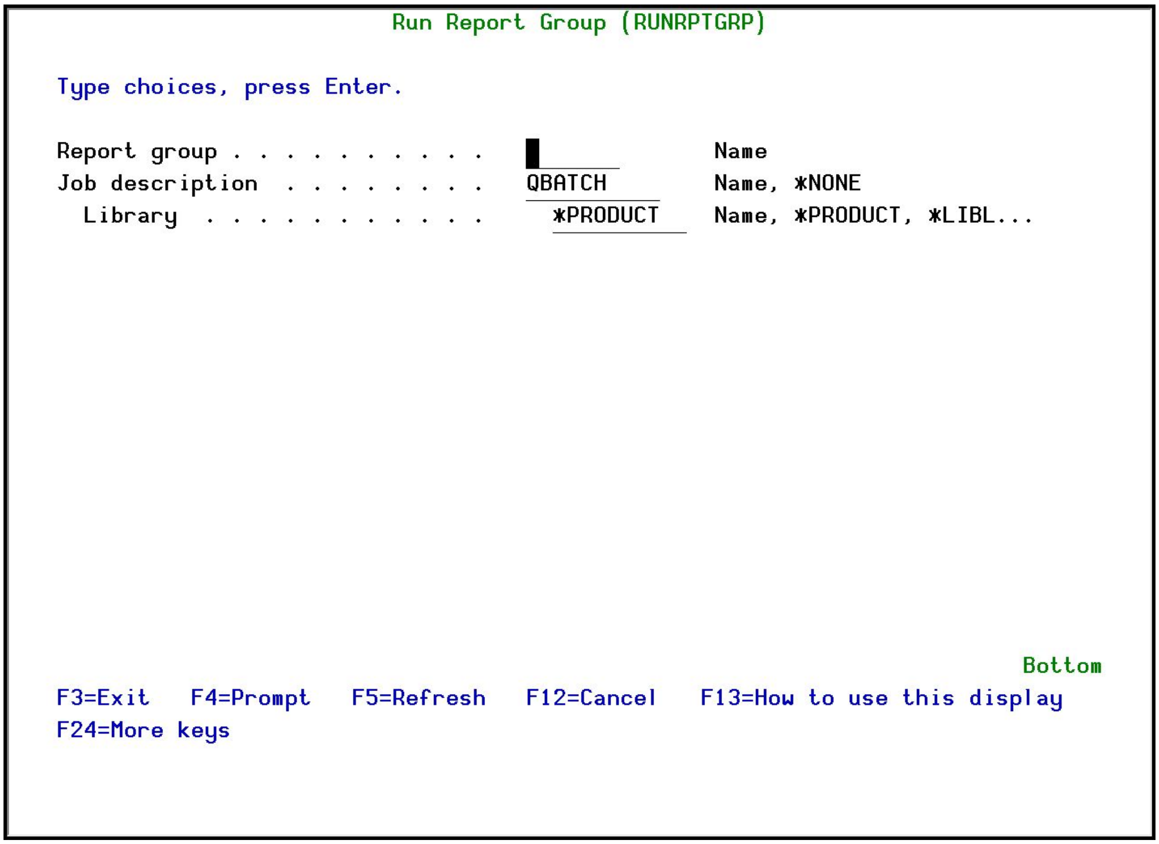
Note: For all parameters that exist at both the group and individual report level (for example, email address to receive the report), if no entry is made in the individual report, the group parameter is used. All parameters defined in the individual report override the group parameter.

Run a Report Group

The Report Scheduler submits all scheduled reports as batch jobs automatically on the day and time as specified in the definition. You can also run a report manually at any time.

To run a report manually:

1. Select **52. Run a Report Group** from the **Queries** menu. The **Run Report Group** screen appears.



Run Report Group screen

Field/Option/Command Key	Description
Report Group	Enter the report group name
Job Description	Your batch job subsystem – normally ***QBATCH***
Library	**Name** = Library name ***Product** = *SMZ4* or the default product library ***LIBL** = Current library list ***CURLIB** = Current Library

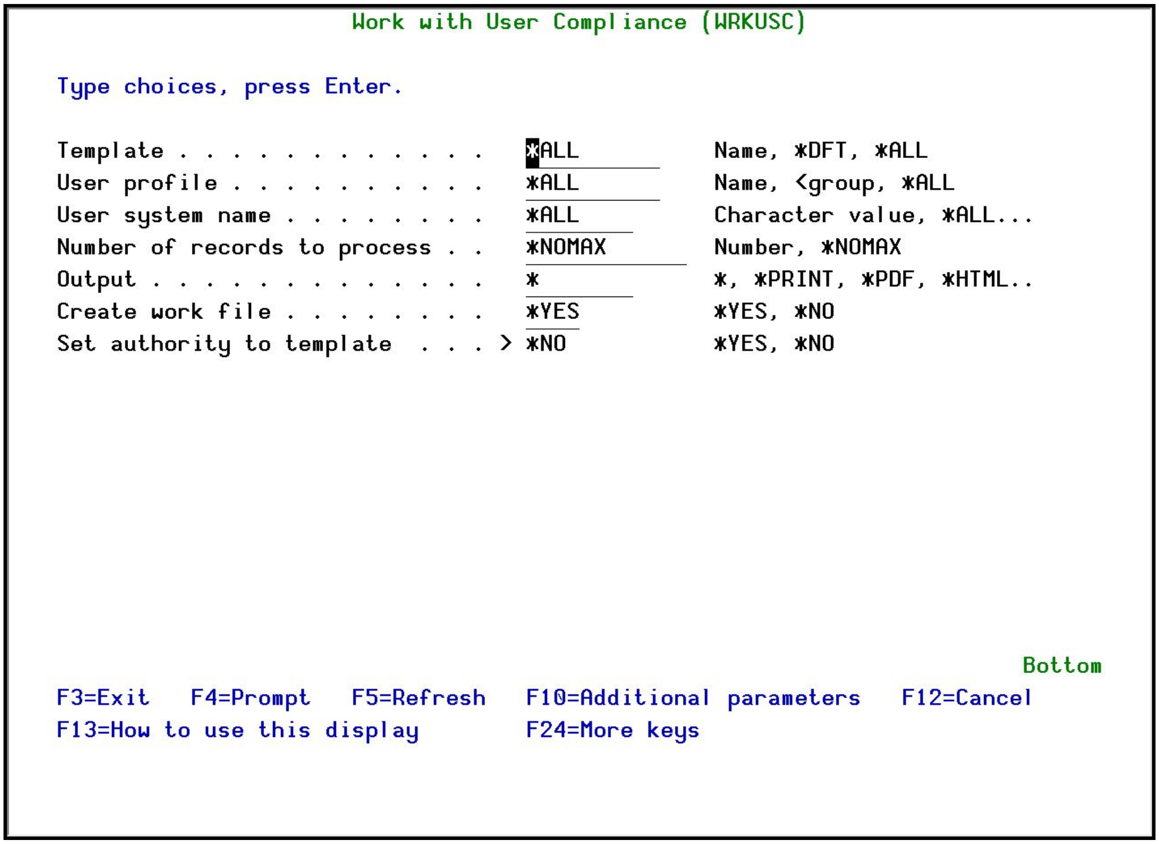
2. Enter the parameters to run the reports and press **Enter**. The reports in the report group run immediately.

Check User Compliance to Template

You can run a report to check all users against the provisioning templates. Only exceptions to the template are shown.

To run the report:

1. Select **45. Check Users Compliance to Template** in the **User Provisioning** main menu. The **Work with User Compliance** screen appears.



Work with User Compliance screen

Field/Option/Command Key	Description
Template	**Name** Check against a specific user profile template ***DFT** Check against the *DFT template ***ALL** Check against all templates (default)
User profile	**Name** Check against a specific user profile **<group** Check against all user profiles in a group ***ALL** Check against all profiles (default)
User system name	**Name** Check against a specific system ***CURRENT** Check against the current system ***ALL** Check against all systems (default)
Number of records to process	**Number** The number of records to process before producing the report ***NOMAX** Process all records (default)
Output	***** Output the report to the workstation (default) ***NONE** Do not output a report ***PDF** = Print report to PDF outfile ***HTML** = Print report to HTML outfile ***CSV** = Print report to CSV outfile ***OUTFILE** = Print report to view from the GUI . ***PRINT** Output the report to the print queue associated with *PRINT ***PRINT1** Output the report to the print queue associated with *PRINT1 ***PRINT2** Output the report to the print queue associated with *PRINT2 ***PRINT3** Output the report to the print queue associated with *PRINT3 ***PRINT4** Output the report to the print

Field/Option/Command Key	Description
	queue associated with *PRINT4 ***PRINT5** Output the report to the print queue associated with *PRINT5 ***PRINT6** Output the report to the print queue associated with *PRINT6 ***PRINT7** Output the report to the print queue associated with *PRINT7 ***PRINT8** Output the report to the print queue associated with *PRINT8 ***PRINT9** Output the report to the print queue associated with *PRINT9
Create work file	***YES** (default) ***NO**
Set authority to template	***NO** Do NOT change this parameter

2. Enter your parameters (do ***NOT*** change the **Set authority to template** parameter) and press **Enter**. The report is run.

If you chose to output the report to the workstation, you can do one of the following:

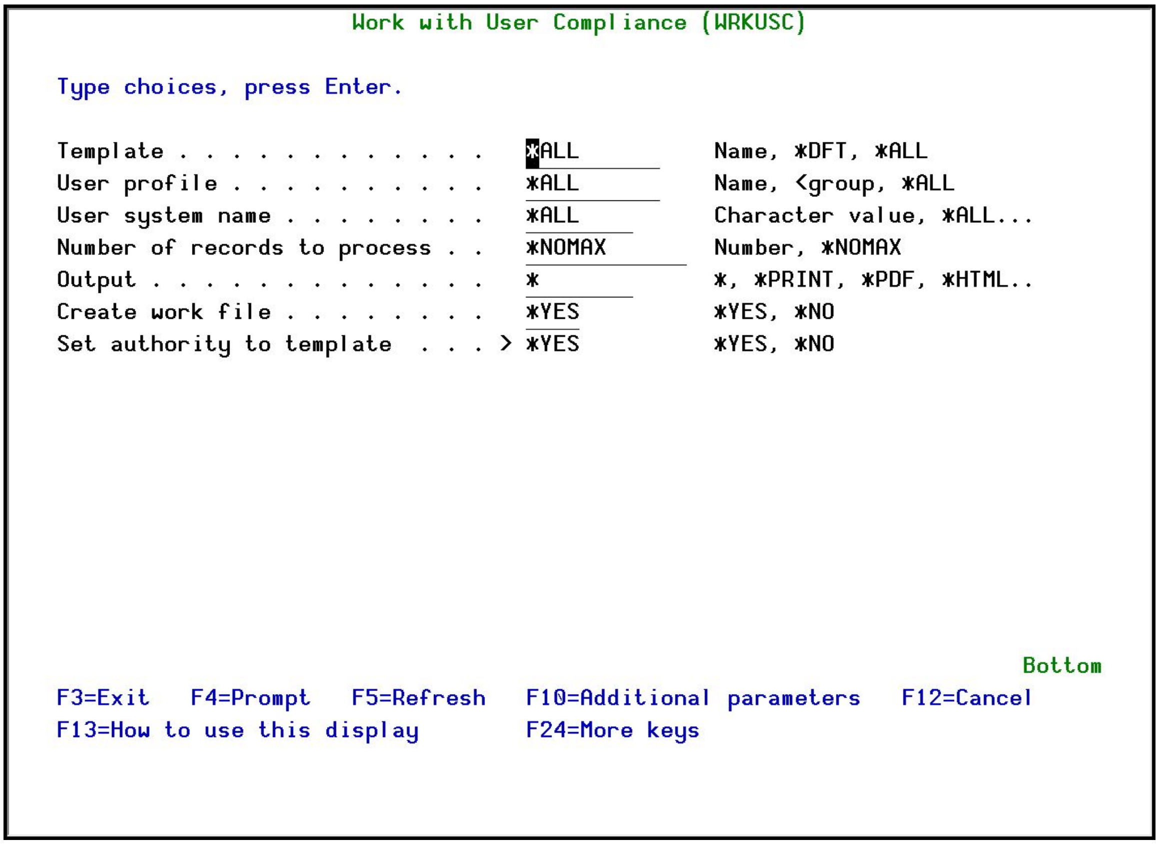
- Select a specific exception and press **1=Exception details** to see full details of a specific exception.
- Select a specific exception and press **9=Set to template** to return the exception to the original value in the template.

Set Users by Template

You can run a procedure that sets all user profiles exceptions back to the original template. Additionally, you can also produce a report.

To run the procedure:

1. Select **46. Check Users Compliance to Template** in the **User Provisioning** main menu. The **Work with User Compliance** screen appears.



Work with User Compliance screen

Field/Option/Command Key	Description
Template	**Name** Check against a specific user profile template ***DFT** Check against the *DFT template ***ALL** Check against all templates (default)
User profile	**Name** Check against a specific user profile **<group** Check against all user profiles in a group ***ALL** Check against all profiles (default)
User system name	**Name** Check against a specific system ***CURRENT** Check against the current system ***ALL** Check against all systems (default)
Number of records to process	**Number** The number of records to process before producing the report ***NOMAX** Process all records (default)
Output	***** Output the report to the workstation (default) ***NONE** Do not output a report ***PDF** = Print report to PDF outfile ***HTML** = Print report to HTML outfile ***CSV** = Print report to CSV outfile ***OUTFILE** = Print report to view from the GUI . ***PRINT** Output the report to the print queue associated with *PRINT ***PRINT1** Output the report to the print queue associated with *PRINT1 ***PRINT2** Output the report to the print queue associated with *PRINT2 ***PRINT3** Output the report to the print queue associated with *PRINT3 ***PRINT4** Output the report to the print

-

Field/Option/Command Key	Description
	queue associated with *PRINT4 ***PRINT5** Output the report to the print queue associated with *PRINT5 ***PRINT6** Output the report to the print queue associated with *PRINT6 ***PRINT7** Output the report to the print queue associated with *PRINT7 ***PRINT8** Output the report to the print queue associated with *PRINT8 ***PRINT9** Output the report to the print queue associated with *PRINT9
Create work file	***YES** (default) ***NO**
Set authority to template	***YES** Do NOT change this parameter

2. Enter your parameters (do ***NOT*** change the **Set authority to template** parameter) and press **Enter**. The report is run.

Copy Persons Info

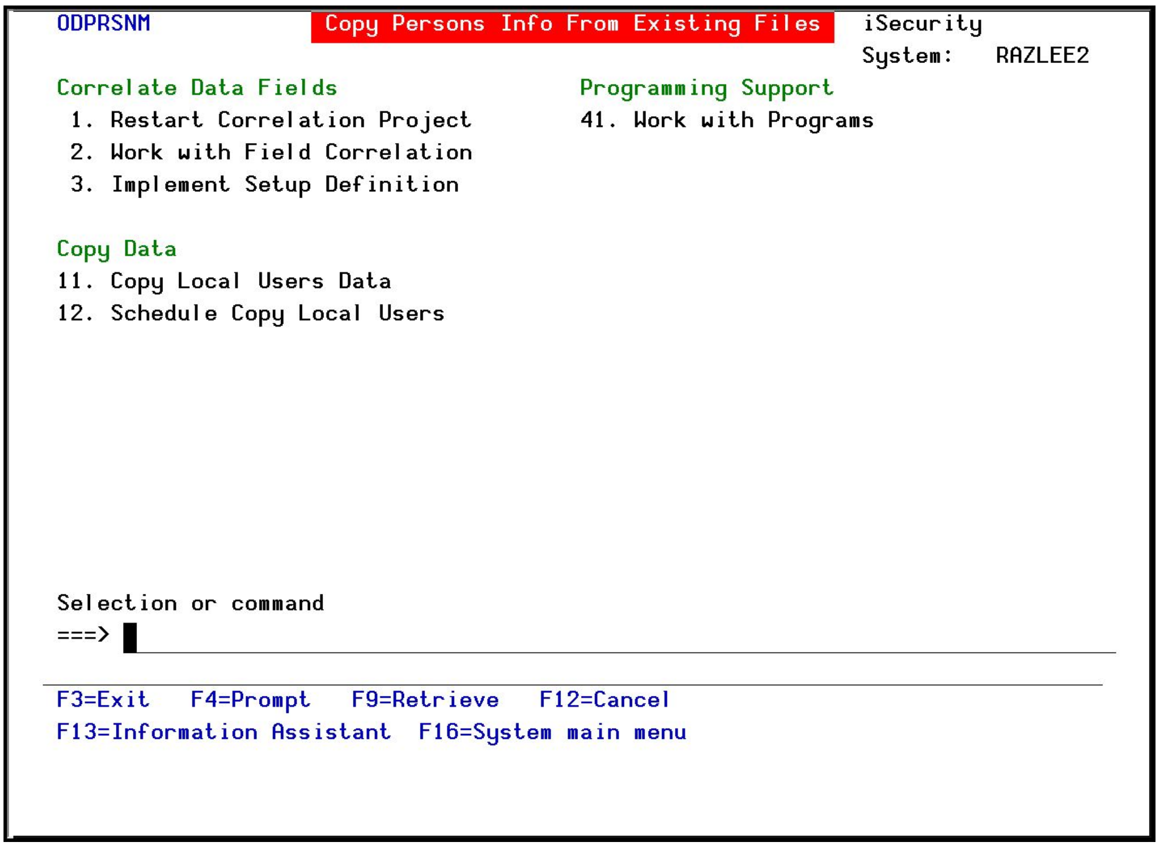
User Provisioning enables you to import person information from an external source such as an existing Identity Management system.

Restart Correlation Project

To make changes in the mapping of your organization’s files to the **User Provisioning** files, you may want to start afresh with the original files with no mapping defined.

To restart the Correlation Project:

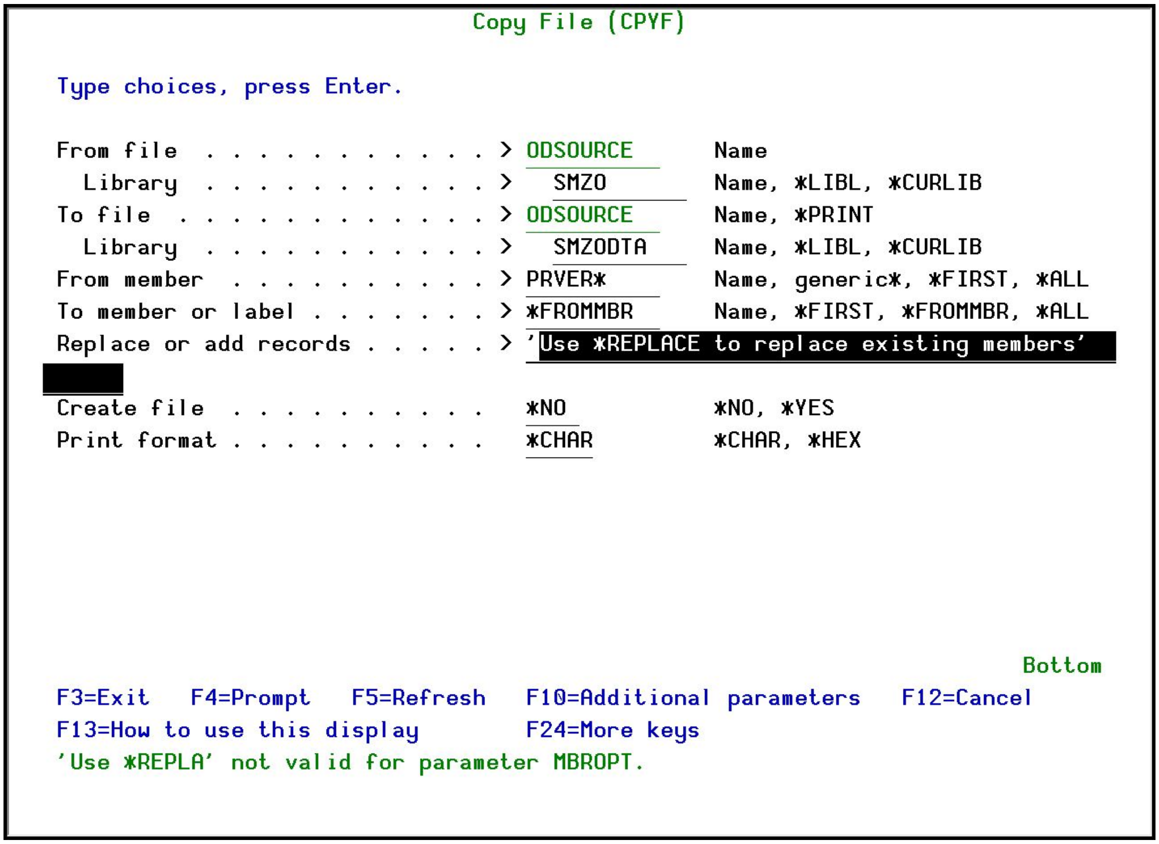
1. Select **64. Copy Persons Info** in the **User Provisioning** main menu. The **Copy Person Info From Existing Files** menu appears.



Copy Persons Info From Existing Files Menu

Field/Option/Command Key	Description
1. Restart Correlation Project	Opens a pre-populated **Copy File** screen that allows the user to update the source members that define the organization's person files.
2. Work with Field Correlation	Opens a source edit screen that allows the user to update the source member that defines the organization's person files mapping to the User Provisioning files.
3. Implement Setup Definition	Opens a pre-populated **Call Program** screen that compiles the source from the **Work with Field Correlation** option.
11. Copy Local Users Data	Opens a pre-populated **Call Program** screen that copies the organization's user data to the User Provisioning files.
12. Schedule Copy Local Users	Opens a Work with Job Schedule Entries screen that allows users to define Jobs that will automatically copy the organization's user data to the User Provisioning files.
41. Work with Programs	Opens a **Work with Members Using PDM** screen, open to the subset of members that control working with the organization's person files.

2. Select **1. Restart Correlation Project**. The **Copy File** screen appears.



Copy File Screen

Field/Option/Command Key	Description
From file/library	The file that contains the records to be copied.
To file/library	The file that receives the copied records.
From member	The file-member in the file that is to be copied.
To member or label	The file-member to receive the copied records.
Replace or add records	Defines if the copied records are to be added to the receiving file or to replace the existing file.

3. Enter the appropriate parameters and press **Enter**. The file is copied.

Work with Field Correlation

Edit the source for the file mapping from your organization's file to the **User Provisioning** person file.

1. Select **64. Copy Persons Info** in the **User Provisioning** main menu. The **Copy Person Info From Existing Files** menu appears.
2. Select **2. Work with Field Correlation**. The **SEU Edit** screen appears.

```
 Columns . . . :    1  71           Edit                       SMZODTA/ODSOURCE
 SEU==>                                                                 PRVERLF
        *************** Beginning of data *************************************
0000.01       **************** Setup of Local User File ******************
0000.02       * Update the file name in PFILE( ) to include your user's file.
0000.03       * Next to RENAME, specify the corresponding field in your file.
0000.04       * If your user file does not have a corresponding field,
0000.05       * choose any field. Same field can appear several times.
0000.06       * You may replace the RENAME(-field-) with
0000.07       *   substring:        SST(-field- -from- -length-)
0000.08       *   concatenation:    CONCAT(-field- -field- ...)
0000.09       * Date format is YYMMDD or YYYYMMDD with or without separators
0002.00      A          R PRVERR                    PFILE(-library-/-file-)
0003.29      A            PERSON_ID       A  I      RENAME(-your field name-)
0003.31      A            FIRST_NAME      A  I      RENAME(-your field name-)
0003.33      A            FMILY_NAME      A  I      RENAME(-your field name-)
0003.35      A            BIRTH_DAY       A  I      RENAME(-your field name-)
0003.37      A            CIVIL_ID        A  I      RENAME(-your field name-)
0003.39      A            EMPLOYE_ID      A  I      RENAME(-your field name-)
0003.41      A            CELL_PHONE      A  I      RENAME(-your field name-)
0003.43      A            OFIC_PHONE      A  I      RENAME(-your field name-)
0003.45      A            E_MAIL          A  I      RENAME(-your field name-)
0003.48      A            PWDRST_CLS      A  I      RENAME(-your field name-)
                                  (C) COPYRIGHT IBM CORP. 1981, 2003.
```

SEU Edit Screen

Field/Option/Command Key	Description
PFILE	Replace the current text with the Library/Filename of your organization's file.
PERSON_ID	The unique identifier of the Person.
FIRST_NAME	The first name of the Person.
FMILY_NAME	The family name or surname of the Person.
BIRTH_DAY	The birthday of the Person – can be used for the unique identification of the Person.
CIVIL_ID	The national ID number of the person – can be used for the unique identification of the Person.
EMPLOYE ID	The employee number of the Person within the organization - can be used for the unique identification of the Person.
CELL PHONE	The cell phone number of the Person – can be used for the unique identification of the Person. Can also be used to send notification of a new password.
OFIC PHONE	The office phone number of the Person – can be used for the unique identification of the Person.
E_MAIL	The email address of the person - can be used for the unique identification of the Person. Can also be used to send notification of a new password.
PWDRST_CLS	The Password Reset class to which the person belongs.
PRFRD_LNG	Define the language in which this person will receive identity verification questions.
PRFRD_USER	The preferred User ID of the Person.

3. Enter the mapping information for your organization's file and press **Enter** twice.

Note: If there is not a direct one to one relationship from your organization's fields with the Password Reset fields, instead of replacing the field

name in the RENAME(-field-) phrase, you can replace it completely with either a substring of a field (SST(-field- -from- -length-)) or by concatenating two fields (CONCAT(-field- -field- ...)).

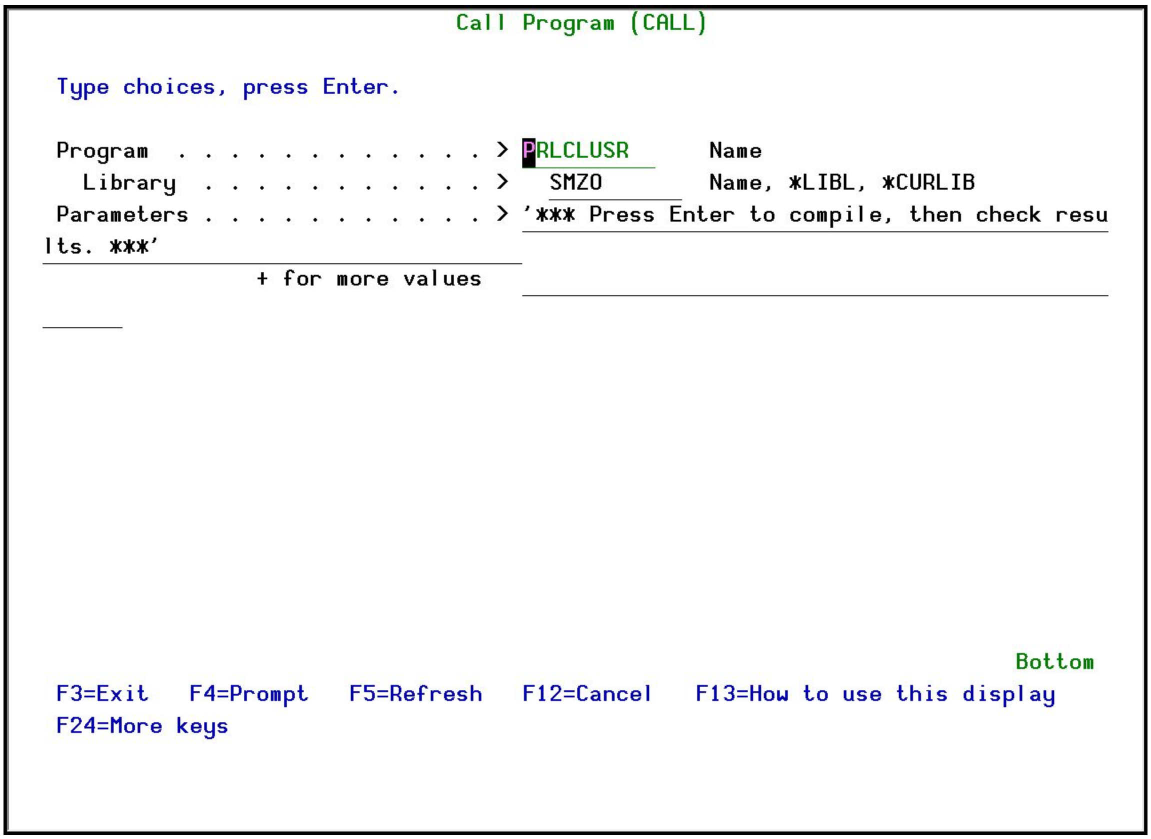
4. You should now continue by compiling the file, as described in Implement Setup Definition.

Implement Setup Definition

After you have setup the source files, you must compile the program.

To compile the program:

1. Select **64. Copy Persons Info** in the **User Provisioning** main menu. The **Copy Person Info From Existing Files** menu appears.
2. Select **3. Implement Setup Definition** in the **Copy Person Info From Existing Files** menu. The **Call Program** screen appears.



Call Program screen

2. Press **Enter** and check the results.

Copy Local Users Data

When you have set up the product to work with your files, you must copy the data from the existing files in the organization.

To copy the data:

1. Select **64. Copy Persons Info** in the **User Provisioning** main menu. The **Copy Person Info From Existing Files** menu appears.
2. Select **11. Copy Local Users Data** in the **Copy Person Info From Existing Files** menu. The **Call Program** screen appears.

```
                                Call Program (CALL)

 Type choices, press Enter.

 Program . . . . . . . . . . . . > PRCPYUSF      Name
   Library . . . . . . . . . . . >   SMZO        Name, *LIBL, *CURLIB
 Parameters . . . . . . . . . . . > '* Press Enter to copy local users data to t
he product *'
                + for more values




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

Call Program screen

2. Press **Enter**. The data is copied.

Schedule Copy Local Users

It is important to keep your organization's user data and the product's user data synchronized. You can schedule a job to run periodically to do this.

To schedule user data synchronization:

1. Select **64. Copy Persons Info** in the **User Provisioning** main menu. The **Copy Person Info From Existing Files** menu appears.
2. Select **12. Schedule Copy Local Users** in the **Copy Person Info From Existing Files** menu. The **Work with Job Schedule Entries** screen appears.

```
                         Work with Job Schedule Entries                S520
                                                            22/11/15  14:35:33


 Type options, press Enter.
   2=Change   3=Hold   4=Remove   5=Display details   6=Release
   8=Work with last submission    10=Submit immediately

                                                                  Next
                          -----Schedule------           Recovery  Submit
 Opt  Job         Status  Date        Time      Frequency  Action   Date
      PR@CPYUSF    SCD    *ALL        03:00:00  *WEEKLY   *SBMRLS   23/11/15






                                                                       Bottom
 Parameters or command
 ===>
 F3=Exit   F4=Prompt          F5=Refresh   F6=Add     F9=Retrieve
 F11=Display job queue data   F12=Cancel   F17=Top    F18=Bottom
```

Work with Job Schedule Entries screen

2. The job is set to run weekly at 03:00. Use option **2=Change** to update this. The **Change Job Schedule Entry** screen appears.

```
                         Change Job Schedule Entry (CHGJOBSCDE)

 Type choices, press Enter.

 Job name . . . . . . . . . . . > PR@CPYUSF     Name
 Entry number . . . . . . . . . > 000624        000001-999999, *ONLY
 Command to run . . . . . . . .   CALL PGM(SMZO/PRCPYUSF) PARM('* Press Enter
to copy local users data  to the product *')






 Frequency  . . . . . . . . . .   *WEEKLY       *SAME, *ONCE, *WEEKLY...
 Schedule date  . . . . . . . .   *NONE         Date, *SAME, *CURRENT...
 Schedule day . . . . . . . . .   *ALL          *SAME, *NONE, *ALL, *MON...
               + for more values
 Schedule time  . . . . . . . .   '03:00:00'    Time, *SAME, *CURRENT


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

Change Job Schedule Entry screen

Field/Option/Command Key	Description
Frequency	***SAME** = Value does not change ***ONCE** = Run the report group once only ***WEEKLY** = Run on the same day or days of each week ***MONTHLY** = Run on the same day or days of each month
Schedule Date	**Date** = The specific day on which the report will run ***SAME** = Value does not change ***CURRENT** = The current date (day the report runs) ***MONTHSTR** = First day of the next month ***MONTHEND** = Last day of the current month ***NONE** = Use day of week value in the **Schedule Day** field below
Schedule Day	One of ***MON** , ***TUE** , ***WED** , ***THU** , ***FRI** , ***SAT** , or ***SUN** ***ALL** = Run every day (overrides the **Frequency** parameter) ***NONE** = Use day of week value in the **Schedule Date** field above.
Schedule Time	Time of day using the 24 hour clock (HH:MM:SS)

3. Update the parameters and press **Enter**. The job will now run according to the updated parameters.

System Configuration

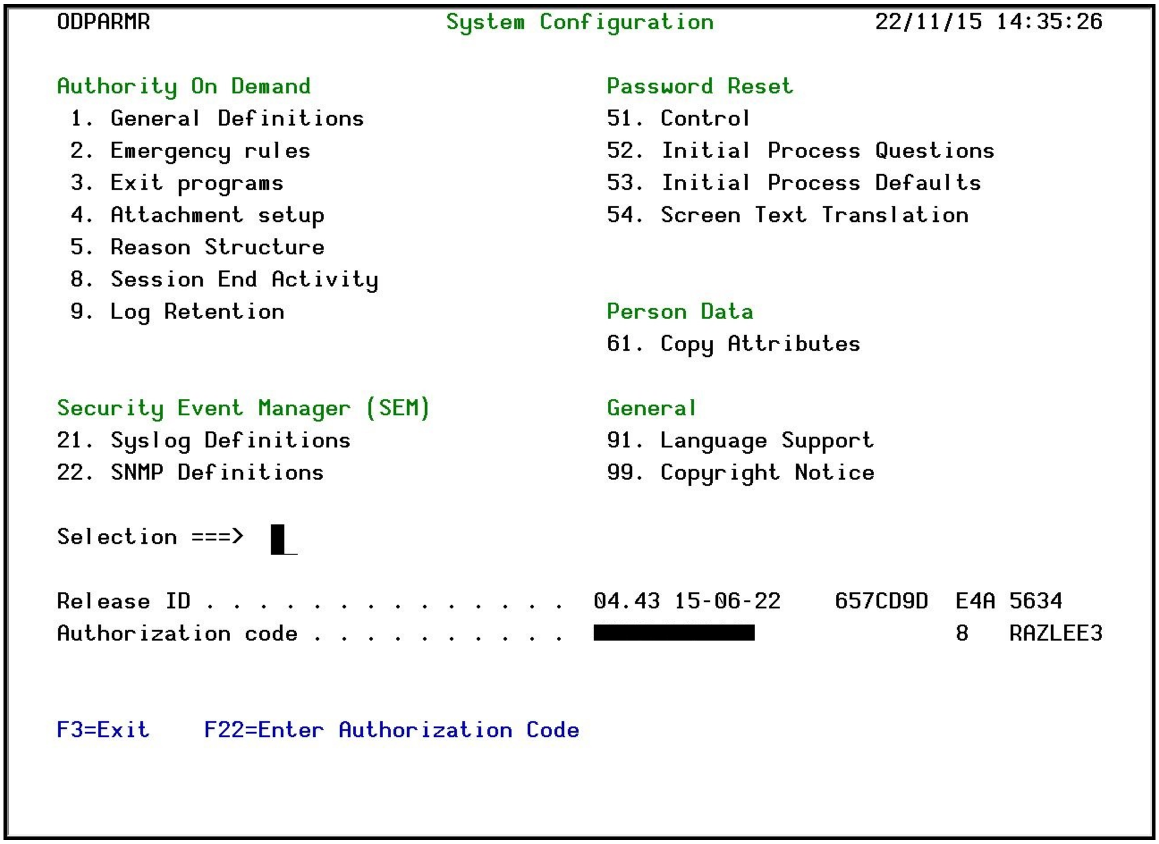
Use the System Configuration menu to access the setup processes for User Provisioning and to define system parameters.

Initial Process Setup

You must define the environment in which **User Provisioning** will work.

To define the **User Provisioning** environment:

1. Select **81. System Configuration** in the User Provisioning main menu. The **System Configuration** menu appears.

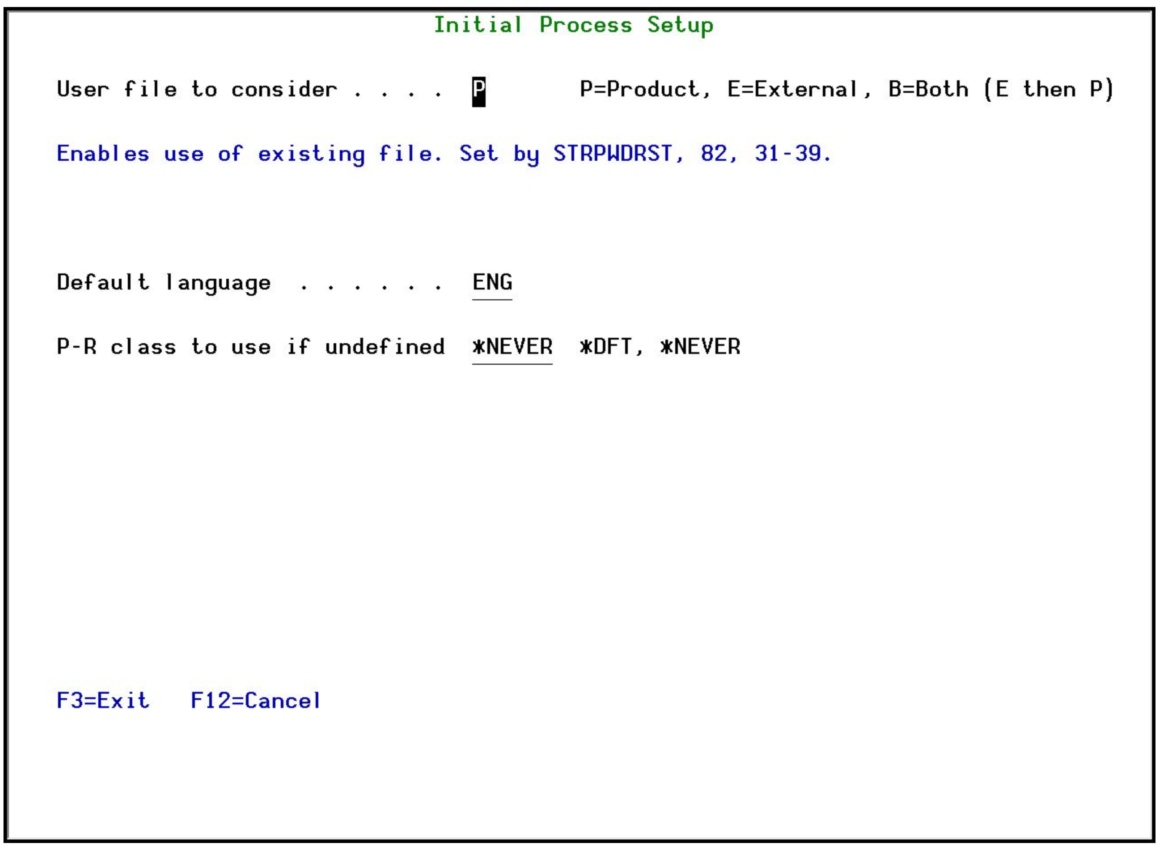


```
ODPARMR                       System Configuration             22/11/15 14:35:26

Authority On Demand                       Password Reset
 1. General Definitions                   51. Control
 2. Emergency rules                       52. Initial Process Questions
 3. Exit programs                         53. Initial Process Defaults
 4. Attachment setup                      54. Screen Text Translation
 5. Reason Structure
 8. Session End Activity
 9. Log Retention                         Person Data
                                          61. Copy Attributes

Security Event Manager (SEM)              General
21. Syslog Definitions                    91. Language Support
22. SNMP Definitions                      99. Copyright Notice

Selection ===>

Release ID . . . . . . . . . . . . . .   04.43 15-06-22    657CD9D  E4A 5634
Authorization code . . . . . . . . . .   [redacted]                  8   RAZLEE3


F3=Exit    F22=Enter Authorization Code
```

System Configuration menu

Field/Option/Command Key	Description
51. Initial Process Setup	Opens the **Initial Process Setup** screen, where you define and modify the User Provisioning system parameters.
52 Initial Process Questions	Opens the **Initial Process Questions** screen, where you define and modify the questions to be asked when resetting a User's password.
53 Screen Text Editing	Opens the **Work with Screen Text** screen, where you can customize the messages to be shown during the User Provisioning process.

2. Select **51. Initial Process Setup** in the **System Configuration** menu. The **Initial Process Setup** screen appears.



```
                         Initial Process Setup

User file to consider . . . .  P       P=Product, E=External, B=Both (E then P)

Enables use of existing file. Set by STRPWDRST, 82, 31-39.


Default language . . . . . . . ENG

P-R class to use if undefined  *NEVER  *DFT, *NEVER








F3=Exit   F12=Cancel
```

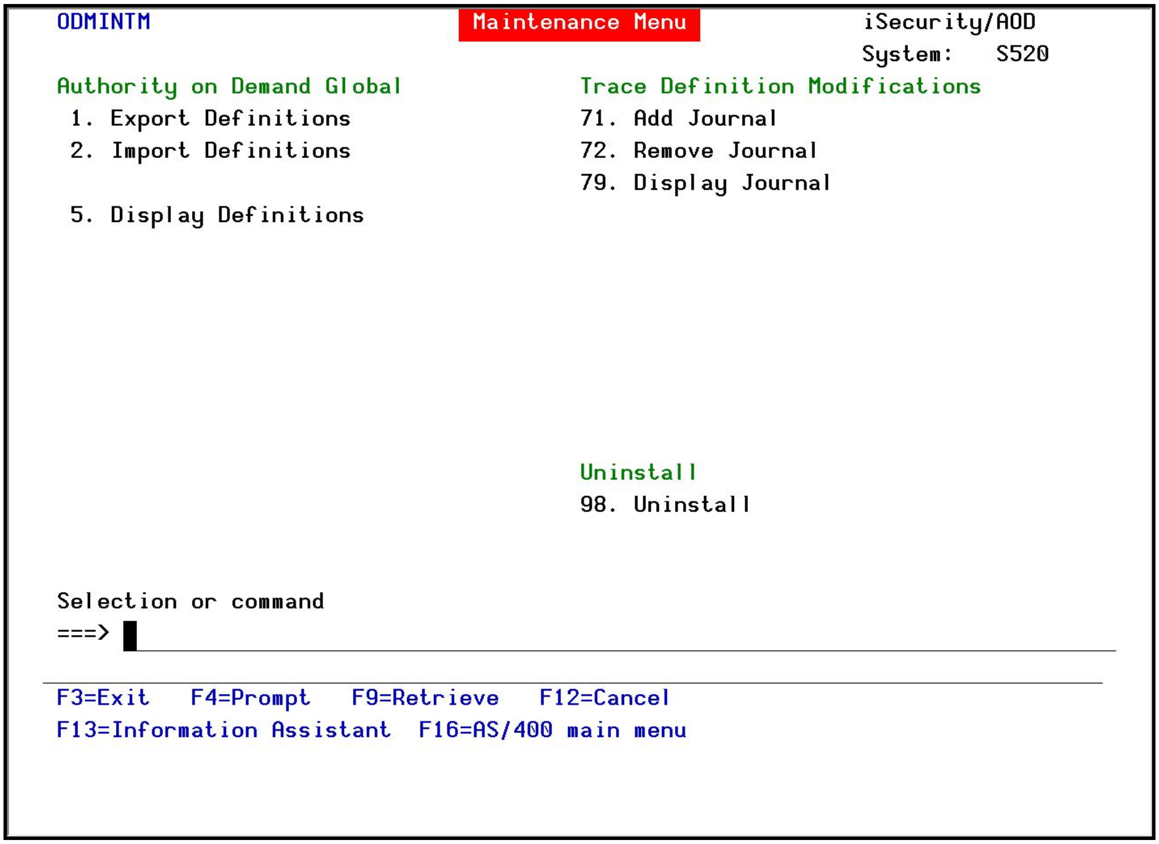
Initial Process Setup screen

Field/Option/Command Key	Description
User file to consider	Define the program that will be used for the initial identification process **E=Eternal pgm** **P=Product** **B=Both** (first use the Exit program and then the Product). See SMZO/ODSOURCE PRVERIFY for an example template program.
Default language	Enter a default language for the Password Reset questions. Press **F4** to select from a list of available languages.
Default P-R class	Define the default P-R class to be used for resetting passwords for users who do not have a P-R Class defined. ***DFT** (Default). ***NEVER**

3. Enter your setup definitions and press **Enter**. You are returned to the **System Configuration** menu.

Maintenance Menu

The **Maintenance Menu** enables you to set and display global definitions for **User Provisioning**. To access the **Maintenance Menu**, select **82. Maintenance Menu** from the main menu.

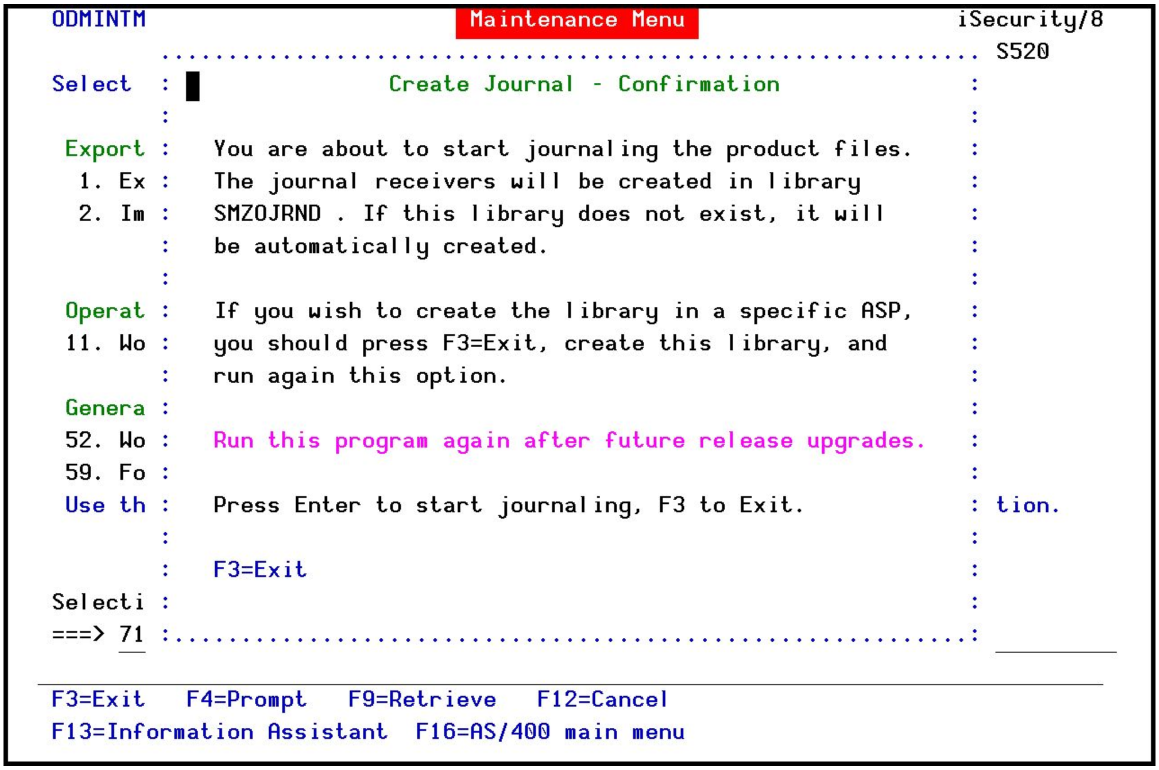


Maintenance Menu

Trace Definition Modifications

Add Journal

1. Select **71. Add Journal** from the **Maintenance Menu**. The **Create Journal – Confirmation** screen appears.



```
ODMINTM                         Maintenance Menu                  iSecurity/8
        ..............................................................  S520
Select  : █                Create Journal - Confirmation                :
        :                                                             :
 Export :   You are about to start journaling the product files.     :
  1. Ex :   The journal receivers will be created in library         :
  2. Im :   SMZOJRND . If this library does not exist, it will       :
        :   be automatically created.                                :
        :                                                             :
 Operat :   If you wish to create the library in a specific ASP,     :
 11. Wo :   you should press F3=Exit, create this library, and       :
        :   run again this option.                                   :
 Genera :                                                             :
 52. Wo :   Run this program again after future release upgrades.    :
 59. Fo :                                                             :
 Use th :   Press Enter to start journaling, F3 to Exit.             : tion.
        :                                                             :
        :   F3=Exit                                                   :
Selecti :                                                             :
===> 71 :.............................................................:

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

Create Journal – Confirmation window

2. Press **Enter** to confirm. The process of journaling the product files begins. The journal receivers will be created in library **SMZOJRND**. If this library does not exist, it will be automatically created.

NOTE: If you wish to create the library in a different ASP, press **F3=Exit**, create the library and run this option again.

You must re-run this option after every release upgrade.

Remove Journal

1. Select **72. Remove Journal** from the **Maintenance Menu**. The **End Journal – Confirmation** screen appears.

```
ODMINTM                          Maintenance Menu                    iSecurity/8
                                                              System:    S520
Select  ............................................................
        :                  End Journal - Confirmation                :
 Export :                                                            :
  1. Ex :   You are about to end journaling the product files.      :
  2. Im :   The journaling will stop in library SMZOJRND             :
        :                                                            :
        :   Press Enter to end journaling.                           :
 Operat :                                                            :
 11. Wo :   F3=Exit                                                  :
        :                                                            :
 Genera :............................................................:
 52. Work with locks
 59. Force DTAQ re-creation             91. Uninstall
 Use this option if you change the networking on a multi-site installation.


Selection or command
===> 72

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

End Journal – Confirmation window

2. Press **Enter** to confirm.

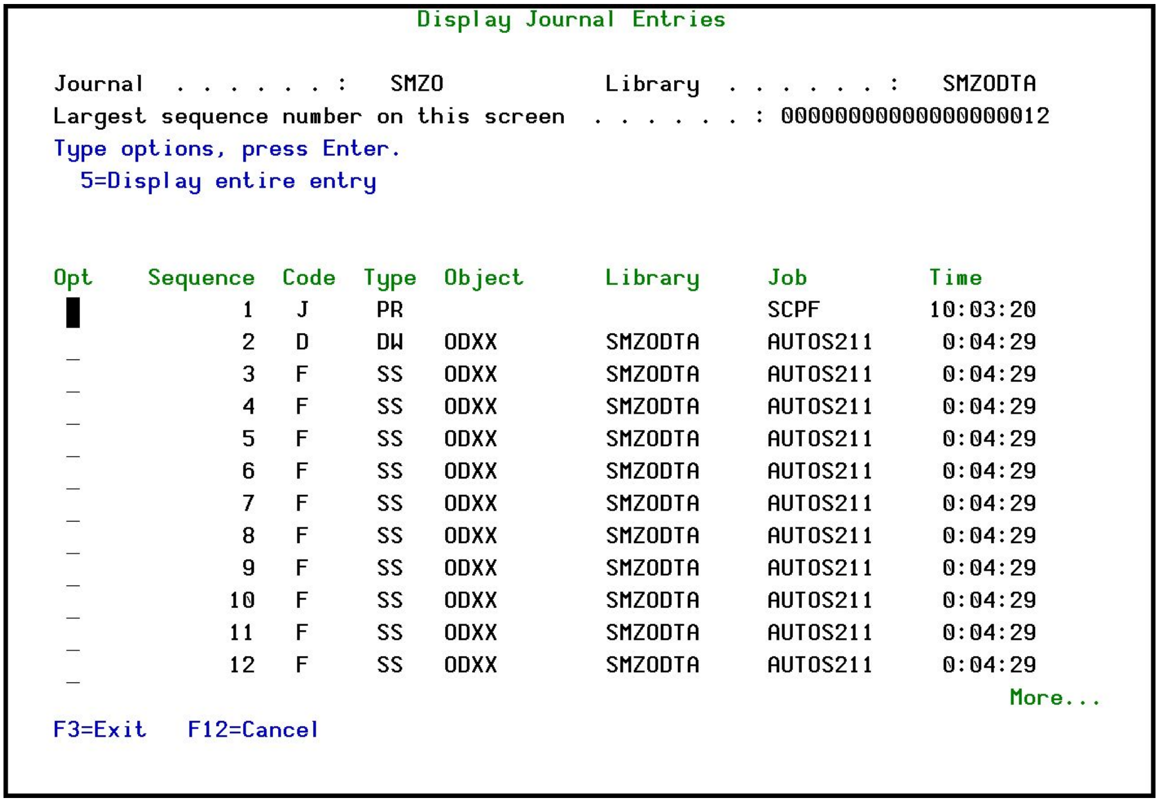
Display Journal

1. Select **79. Display Journal** from the **Maintenance Menu**. The **Display Journal (DSPJRN)** screen appears with preset filter parameters entered for you.

```
                        Display Journal (DSPJRN)

 Type choices, press Enter.

 Journal . . . . . . . . . . . . > SMZO          Name, *INTSYSJRN
   Library . . . . . . . . . . . >   SMZODTA     Name, *LIBL, *CURLIB
 Journaled physical file:        _
   File . . . . . . . . . . . . . *ALLFILE      Name, *ALLFILE, *ALL
     Library  . . . . . . . . . .                Name, *LIBL, *CURLIB
   Member . . . . . . . . . . . .                Name, *FIRST, *ALL
               + for more values _
 Range of journal receivers:
   Starting journal receiver  . . *CURRENT      Name, *CURRENT, *CURCHAIN
     Library  . . . . . . . . . .                Name, *LIBL, *CURLIB
   Ending journal receiver  . . .                Name, *CURRENT
     Library  . . . . . . . . . .                Name, *LIBL, *CURLIB
 Starting large sequence number   *FIRST
 Starting date and time:
   Starting date  . . . . . . . .                Date
   Starting time  . . . . . . . .                Time
                                                                   More...
 F3=Exit   F4=Prompt   F5=Refresh   F10=Additional parameters   F12=Cancel
 F13=How to use this display        F24=More keys
```

Display Journal (DSPJRN) screen

2. Press **Enter**. The **Display Journal Entries** screen appears.



Display Journal Entries

Journal . . . . : SMZO Library . . . . : SMZODTA
Largest sequence number on this screen . . . . : 00000000000000000012
Type options, press Enter.
5=Display entire entry

Opt	Sequence	Code	Type	Object	Library	Job	Time
	1	J	PR			SCPF	10:03:20
_	2	D	DW	ODXX	SMZODTA	AUTOS211	0:04:29
_	3	F	SS	ODXX	SMZODTA	AUTOS211	0:04:29
_	4	F	SS	ODXX	SMZODTA	AUTOS211	0:04:29
_	5	F	SS	ODXX	SMZODTA	AUTOS211	0:04:29
_	6	F	SS	ODXX	SMZODTA	AUTOS211	0:04:29
_	7	F	SS	ODXX	SMZODTA	AUTOS211	0:04:29
_	8	F	SS	ODXX	SMZODTA	AUTOS211	0:04:29
_	9	F	SS	ODXX	SMZODTA	AUTOS211	0:04:29
_	10	F	SS	ODXX	SMZODTA	AUTOS211	0:04:29
_	11	F	SS	ODXX	SMZODTA	AUTOS211	0:04:29
_	12	F	SS	ODXX	SMZODTA	AUTOS211	0:04:29

More...

F3=Exit F12=Cancel

Display Journal Entries screen

3. To display a specific entry, type **5** by that entry and press **Enter**. The **Display Journal Entry** screen appears.

```
                              Display Journal Entry

Object . . . . . . . :   ODXX            Library  . . . . . . :   SMZODTA
Member . . . . . . . :   L131116
Incomplete data  . . :   No              Minimized entry data :   No
Sequence . . . . . . :   5
Code . . . . . . . . :   F  - Database file member operation
Type . . . . . . . . :   SS - Start of save

            Entry specific data
Column      *...+....1....+....2....+....3....+....4....+....5
00001      'SAV      1612130004271SMZODTA   DLT211    *LIB    '
00051      '  161213000429'




                                                                      Bottom
Press Enter to continue.

F3=Exit   F6=Display only entry specific data
F10=Display only entry details   F12=Cancel   F24=More keys
```

Display Journal Entry screen

Uninstall

To uninstall the product, select **98. Uninstall Product** from the **Maintenance Menu**, and follow the directions on the screen.

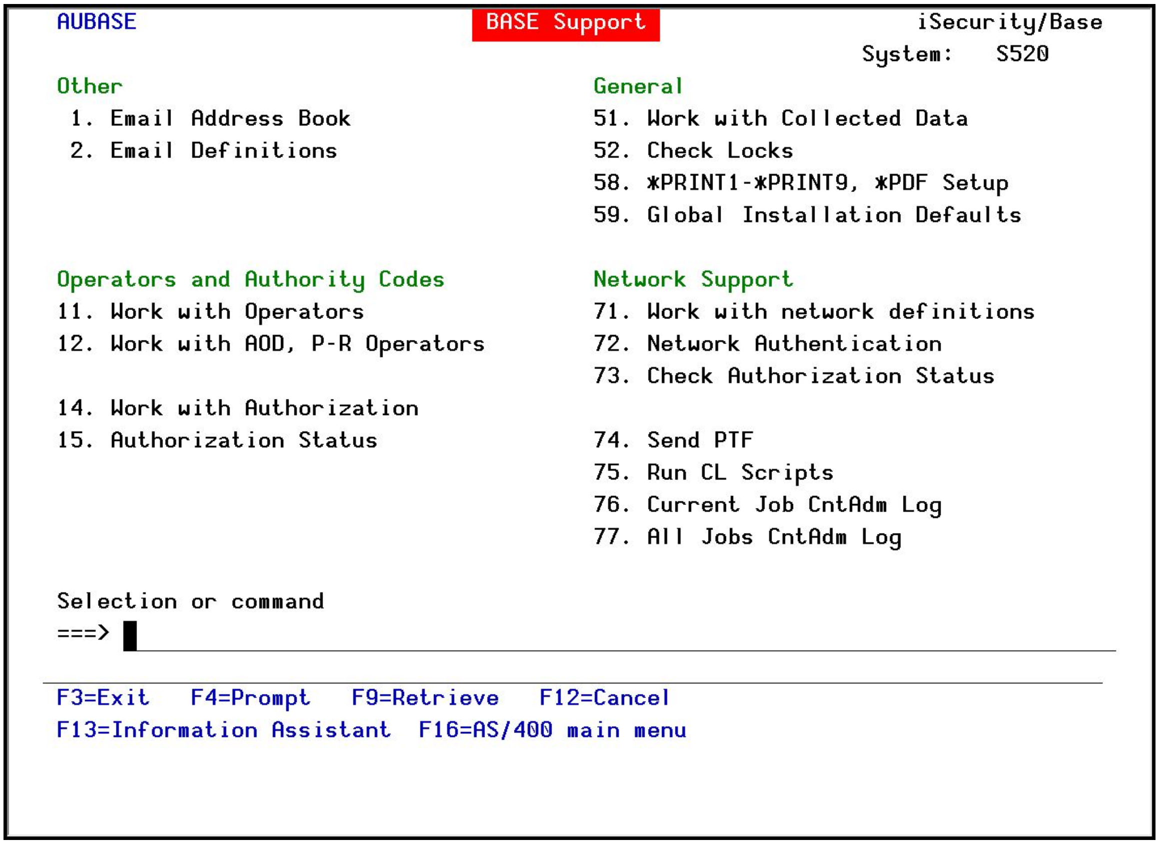
```
                              Uninstall SECURITY8P

    You are about to uninstall this product.
    All program files, data and definitions will be deleted.
    You are advised to print this screen for further reference.
    Before proceeding, ensure that:
      o The product has been entirely de-activated
      o No user or batch job is working or intends to work with this product


    To run uninstall procedure you should do the following:
      o Exit from the current session
      o Open a new session using QSECOFR or equivalent user profile
      o Enter: CALL SMZO/ODRMVPRD

    Once the uninstall is completed, enter: DLTLIB SMZO
    Backups of previous releases might exist under the name QGPL/P_SMZ*
    To confirm proper uninstall, use DSPUSRPRF SECURITY8P TYPE(*OBJOWN)



    F3=Exit
```

Uninstall SECURITY8P screen

NOTE: Running this option will uninstall not just **User Provisioning**, but also **Authority on Demand**.

BASE Support

The **BASE Support** menu enables you to work with various settings that are common for all modules of iSecurity. This menu, with all its options, is in all iSecurity major modules. To access the **BASE Support** menu, select **89. BASE Support** from the **User Provisioning** main menu.



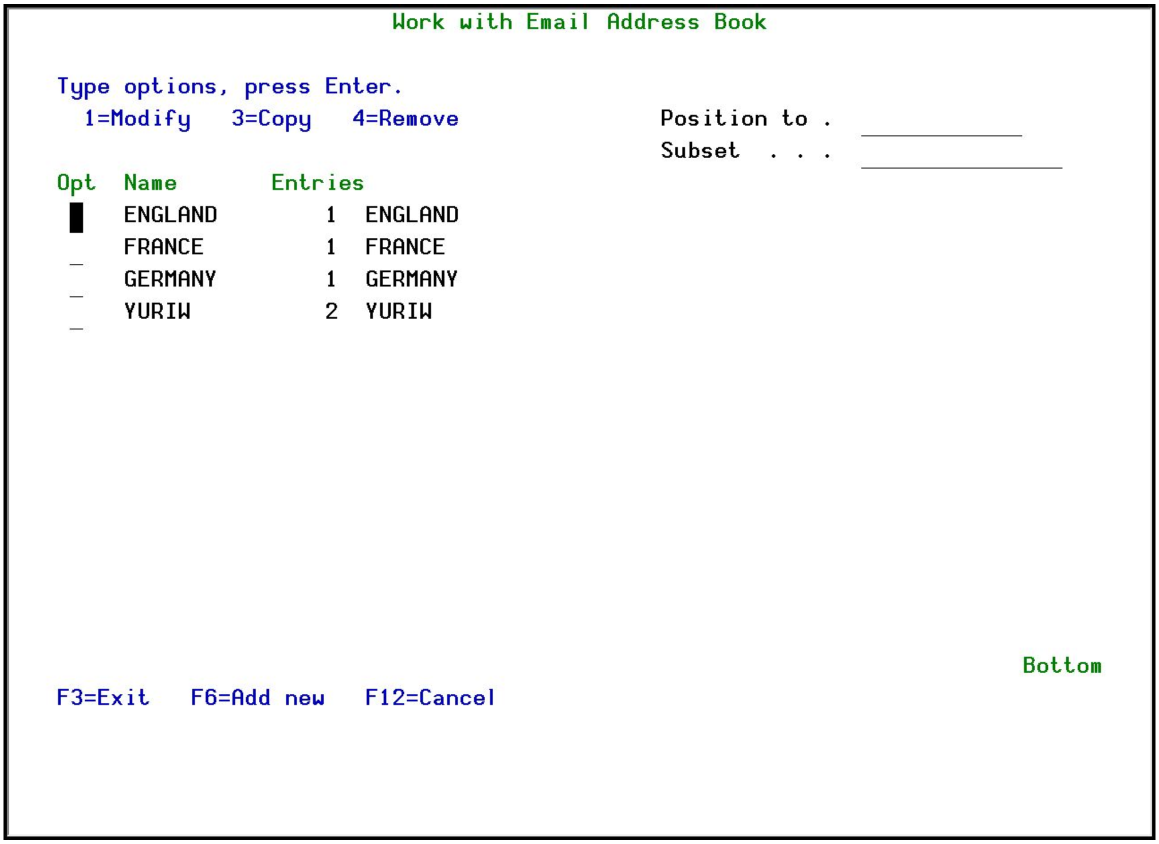
BASE Support menu

Other

Email Address Book

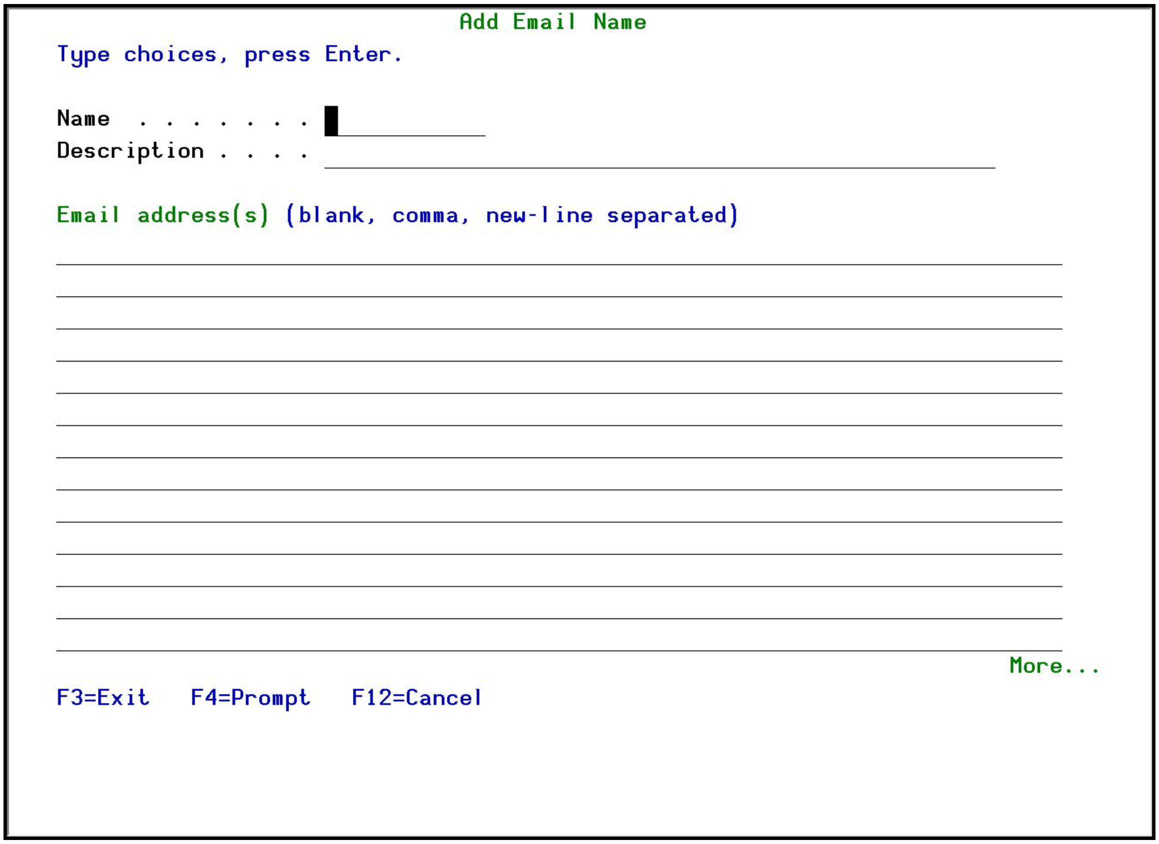
You can define the email address to be used for each user profile. You can also use this option to define an email group, with multiple addresses.

1. Select **1. Email Address Book** from the **BASE Support** menu. The **Work with Email Address Book** screen appears.



Work with Email Address Book screen

2. Press **F6** to add a new address entry (or type **1** next to a name to modify it). The **Add Email Name** screen appears.



Add Email Name screen

3. Enter a **Name**, **Description**, and all the associated email addresses and press **Enter**.

Email Definitions

User Provisioning can send out automatic emails every time a temporary authority is used.

1. Select **2. Email Definitions** from the **BASE Support** menu. The **E-mail Definitions** screen appears.

```
                              E-mail Definitions             20/12/15 14:40:21

 Type options, press Enter.

 E-mail Method . . . . . . .   3       1=Advanced, 2=Native, 3=Secured, 9=None
 Advanced or Secured mode is recommended for simplicity and performance.

 Advanced/Secured E-mail Support
 Mail (SMTP) server name . .   smtp.1and1.com
                                       Mail server, *LOCALHOST
 Use the Mail Server as defined for outgoing mail in MS Outlook.
 Reply to mail address . . .   DOCS
 If Secured, E-mail user . .   anyuser@anycompany.com
                  Password .   ************************
 Native E-mail
 E-mail User ID and Address.                      User Profile.
 Users must be defined as E-mail users prior to using this screen.
 The required parameters may be found by using the WRKDIRE command.
 This option does not support attached files.


 F3=Exit   F10=Verify E-mail configuration   F12=Cancel
```

E-mail Definitions screen

2. Enter the required fields as defined below and press **Enter**.

Parameter	Description
E-mail Method	**1** =Advanced **2** =Native **3** =Secured **9** =None Advanced or Secured mode is recommended for simplicity and performance. **Note** : If using **2** =native, Users must be defined as E-mail users prior to using this screen. The required parameters may be found by using the ***WRKDIRE*** command. This option does not support attached files.
Mail (SMTP) server name	The name of the STMP server or *LOCALHOST
Reply to mail address	The e-mail address to receive replies.
If secured, E-mail user and Password	If you chose **1** =Advanced or **3** =Secured for the E-mail method, enter the email user that will be used to send the emails and the password of that user
E-mail User ID and Address	If you chose **2** =Native for the E-mail method, enter the user ID and address that will be used to send the emails.
User Profile	If you chose **2** =Native for the E-mail method, enter the user profile that will be used to send the emails.
F10=Verify E-mail configuration	Press **F10** to open a dialog that allows you to confirm the change to email definitions and sends a confirmation email to the **Reply to mail address** . You should check that the confirmation email is received. If it is not received, there is a problem with your email definitions.

Operators and Authority Codes

Work with Operators

The Operators' authority management is now maintained from one place for the entire iSecurity on all its modules.

There are three default groups:

- ***AUD#SECAD**- All users with both ***AUDIT** and ***SECADM** special authorities. By default, this group has full access (Read and Write) to all iSecurity components.
- ***AUDIT** - All users with ***AUDIT** special authority. By default, this group has only Read authority to Audit.
- ***SECADM**- All users with ***SECADM** special authority- By default, this group has only Read authority to Firewall.

iSecurity related objects are secured automatically by product authorization lists (named security1P). This strengthens the internal security of the product. It is essential that you use Work with Operators to define all users who have *SECADM, *AUDITor *AUD#SECAD privileges, but do not have all object authority. The Work with Operators screen has Usr (user management) and Adm for all activities related to starting, stopping subsystems, jobs, import/export and so on.iSecurity automatically adds all users listed in Work with Operators to the appropriate product authorization list.

Users may add more operators, delete them, and give them authorities and passwords according to their own judgment. Users can even make the new operators' definitions apply to all their systems; therefore, upon import, they will work on every system.

Password = *BLANK for the default entries. Use ***DSPPGM GSIPWDR*** to verify. The default for other user can be controlled as well.

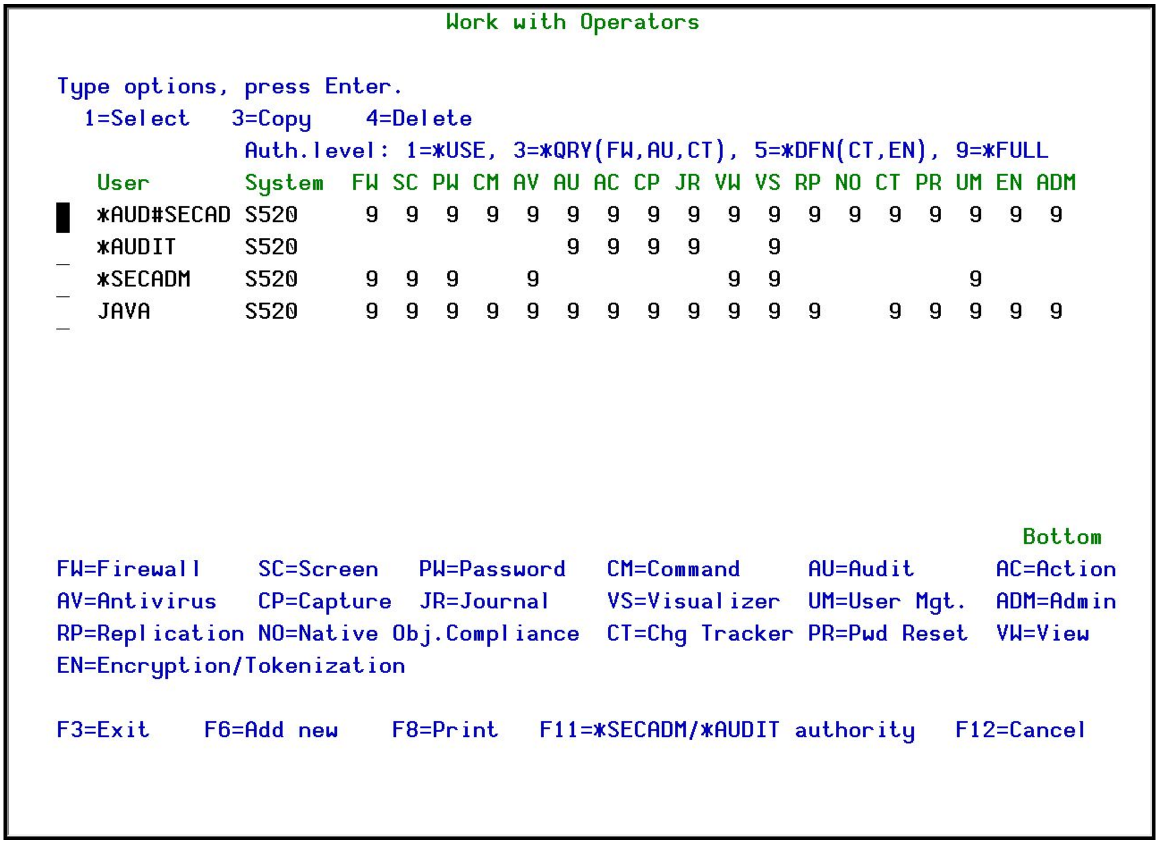
If your organization wants the default to be *BLANK, then the following command must be used:
*CRTDTAARA SMZTMPC/DFTPWD *char 10*

This command creates a data area called DFTPWD in library SMZTMPC. The data area is 10 bytes long and is blank.

NOTE: When installing **iSecurity** for the first time, certain user(s) might not have access according to the new authority method. Therefore, the first step you need to take after installing is to edit those authorities.

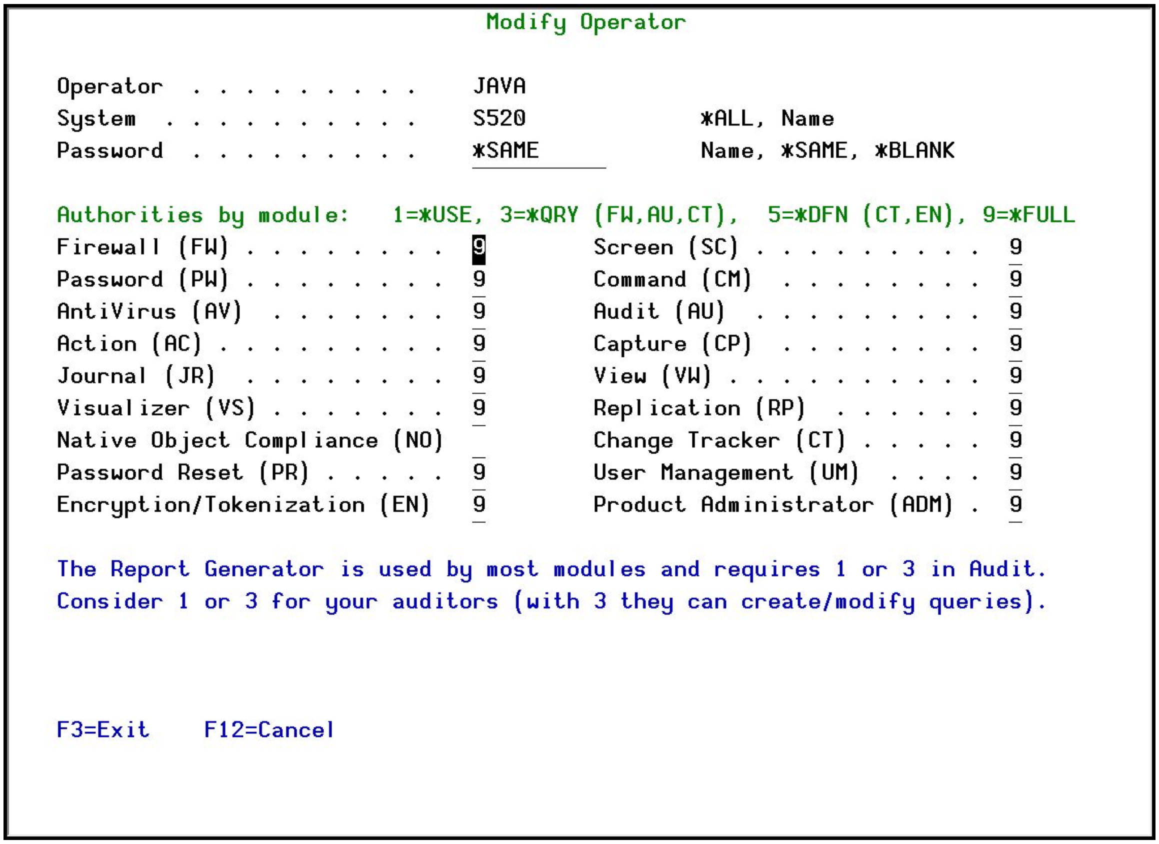
To modify operators' authorities:

1. Select **11. Work with Operators** from the **BASE Support** menu. The **Work with Operators** screen appears.



Work with Operators screen

2. Type **1** next to the user to modify his authorities (or press **F6** to add a new user). The **Modify Operator** screen appears.



Modify Operator screen

	Description
Password	**Name = Password** ***Same = Same as previous password when edited** ***Blank = No password**
1 = *USE	**Read authority only**
9 = *FULL	**Read and Write authority**
3 = *QRY	**Run Queries. For auditor use.**
5 = *DFN	**For Change Tracker use.**

Most modules use the Report Generator, which requires access to the Audit module. For all users who will use the Report Generator, you should define their access to the Audit module as either 1 or 3. Option 1 should be used for users who will only be running queries. Use option 3 for all users who will also be creating/modifying queries.

3. Set authorities and press **Enter**. A message appears to inform that the user being added/modified was added to the Authority list that secures the product's objects; the user carries Authority *CHANGE and will be granted Object operational authority. The Authority list is created in the installation/release upgrade process. The SECURITY_P user profile is granted Authority *ALL whilst the *PUBLIC is granted Authority *EXCLUDE. All objects in the libraries of the product (except some restricted special cases) are secured via the Authority list.

Work with AOD, P-R Operators

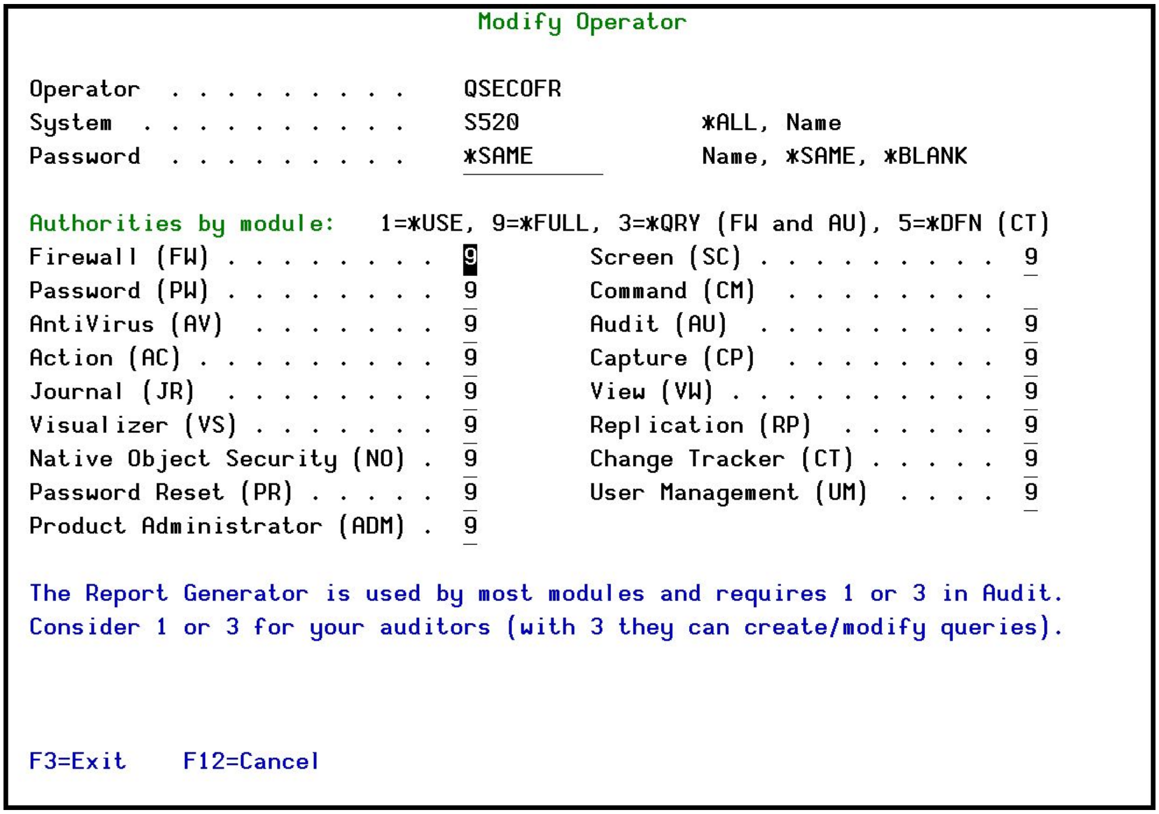
To modify operators' authorities:

1. Select **12. Work with AOD, P-R Operators** from the **BASE Support** menu. The **Work with Operators** screen appears.

```
                              Work with Operators

   Type options, press Enter.
     1=Select   4=Delete
                     Authority level: 1=*USE   9=*FULL
   Opt User            System     AOD PR  USP  Adm
       *AUD#SECAD      S520        9   9   9    9
    _  ALEX            S520        9   9   5    9
    _  AV              S520        9            9
    _  JAVA2           S520        9   9   9    9
    _  LOWUSR          S520        9   9   9    9
    _  OD              S520        9   9   9    9
    _  OS              *ALL
    _  TZION           S520        9   9   9    9
    _  WEAKUSR         S520        9
    _  YORAM           S520        9            9
    _

                                                                    Bottom
   AOD=Authority on Demand   PR=Password Reset    USP=User Provisioning
                                                  Adm=Administrator
   F3=Exit    F6=Add new    F8=Print    F11=*SECADM/*AUDIT authority    F12=Cancel
```

Work with Operators screen

2. Type **1** next to the user to modify his authorities (or press **F6** to add a new user). The **Modify Operator** screen appears.


Modify Operator

Operator . . . . QSECOFR
System . . . . S520 *ALL, Name
Password . . . . *SAME Name, *SAME, *BLANK

Authorities by module: 1=*USE, 9=*FULL, 3=*QRY (FW and AU), 5=*DFN (CT)

Firewall (FW)	9	Screen (SC)	9
Password (PW)	9	Command (CM)	
AntiVirus (AV)	9	Audit (AU)	9
Action (AC)	9	Capture (CP)	9
Journal (JR)	9	View (VW)	9
Visualizer (VS)	9	Replication (RP)	9
Native Object Security (NO) .	9	Change Tracker (CT)	9
Password Reset (PR)	9	User Management (UM)	9
Product Administrator (ADM) .	9		

The Report Generator is used by most modules and requires 1 or 3 in Audit.
Consider 1 or 3 for your auditors (with 3 they can create/modify queries).

F3=Exit F12=Cancel

Modify Operator screen

	Description
Password	**Name = Password** ***Same = Same as previous password when edited** ***Blank = No password**
1 = *USE	**Read authority only**
9 = *FULL	**Read and Write authority**
3 = *QRY	**Run Queries. For auditor use.**
5 = *DFN	**For Change Tracker use.**

3. Set authorities and press **Enter**. A message appears to inform that the user being added/modified was added to the Authority list that secures the product's objects; the user carries Authority *CHANGE and will be granted Object operational authority. The Authority list is created in the installation/release upgrade process. The SECURITY_P user profile is granted Authority *ALL whilst the *PUBLIC is granted Authority *EXCLUDE. All objects in the libraries of the product (except some restricted special cases) are secured via the Authority list.

Work with Authorization

You can insert license keys for multiple products on the computer from a single screen.

1. Select **14. Work with Authorization** from the **BASE Support** menu. The **Add iSecurity Authorization** screen appears.

```
                      Add iSecurity Authorization (ADDISAUT)

 Type choices, press Enter.

 *BASE, Audit, Action:
   Part 1 . . . . . . . . . . . .   *SAME          4..., *SAME
   Part 2 (optional)  . . . . . .
 Compliance, Replication:
   Part 1 . . . . . . . . . . . .   *SAME          N..., *SAME
   Part 2 (optional)  . . . . . .
 Firewall, Screen, Password:
   Part 1 . . . . . . . . . . . .   *SAME          8..., *SAME
   Part 2 (optional)  . . . . . .
 Capture:
   Part 1 . . . . . . . . . . . .   *SAME          C..., *SAME
   Part 2 (optional)  . . . . . .
 AP-Journal:
   Part 1 . . . . . . . . . . . .   *SAME          J..., *SAME
   Part 2 (optional)  . . . . . .

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

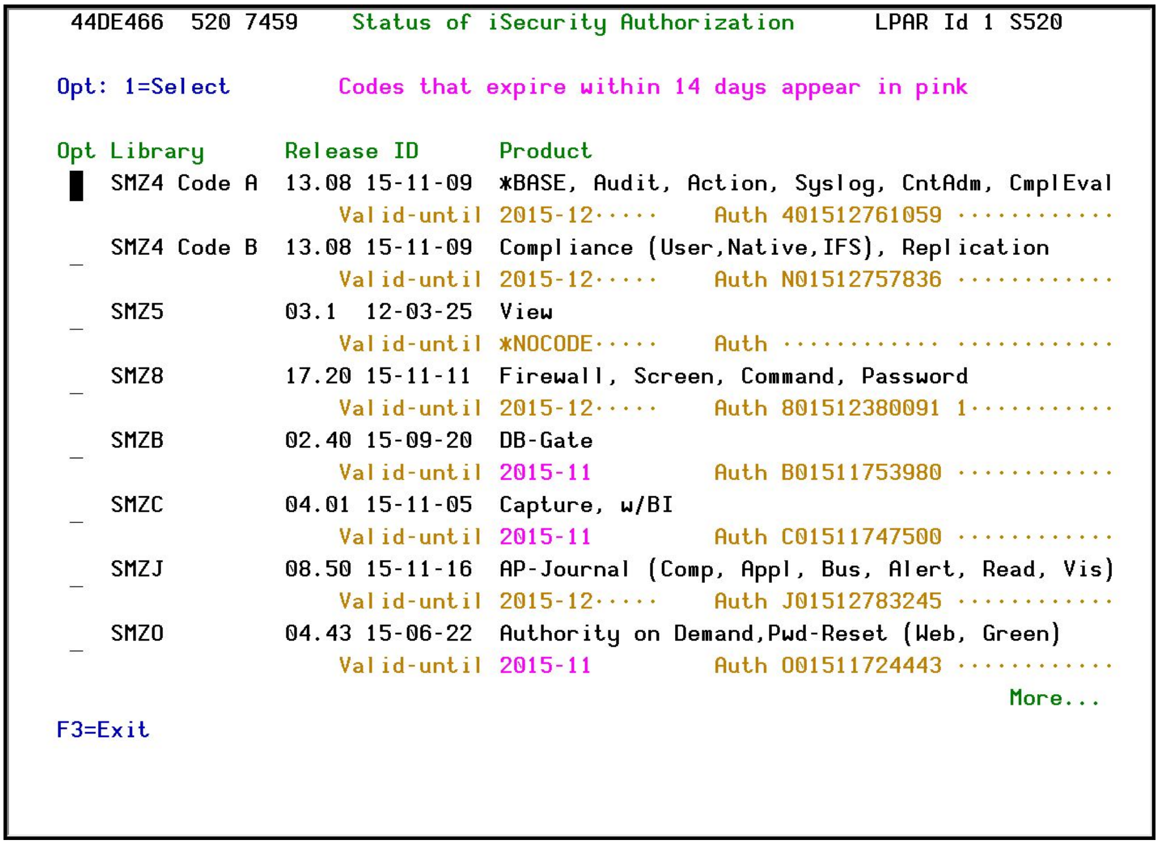
Add iSecurity Authorization (ADDISAUT) screen

2. Enter the required parameters and press **Enter**.

Display Authorization Status

You can display the current authorization status of all installed iSecurity products on the local system.

1. Select **15. Authorization Status** from the **BASE Support** menu. The **Status of iSecurity Authorization** screen appears.



Status of iSecurity Authority Codes screen

2. Select a specific line and type **1** in the **Opt** field to see the authority details of one specific product.

NOTE: Codes that will expire in less than 14 days appear in pink
Permanent codes have deliberately been hidden in this screenshot.

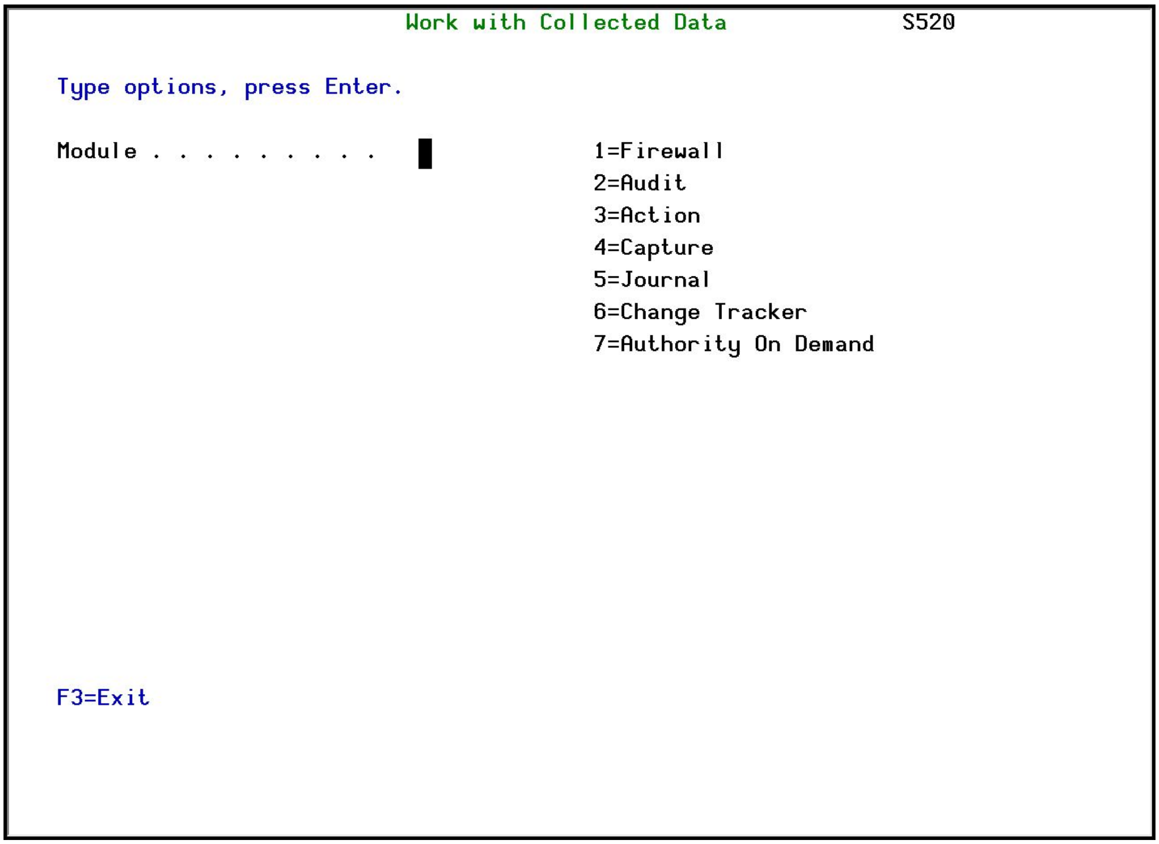
General

-

Work with Collected Data

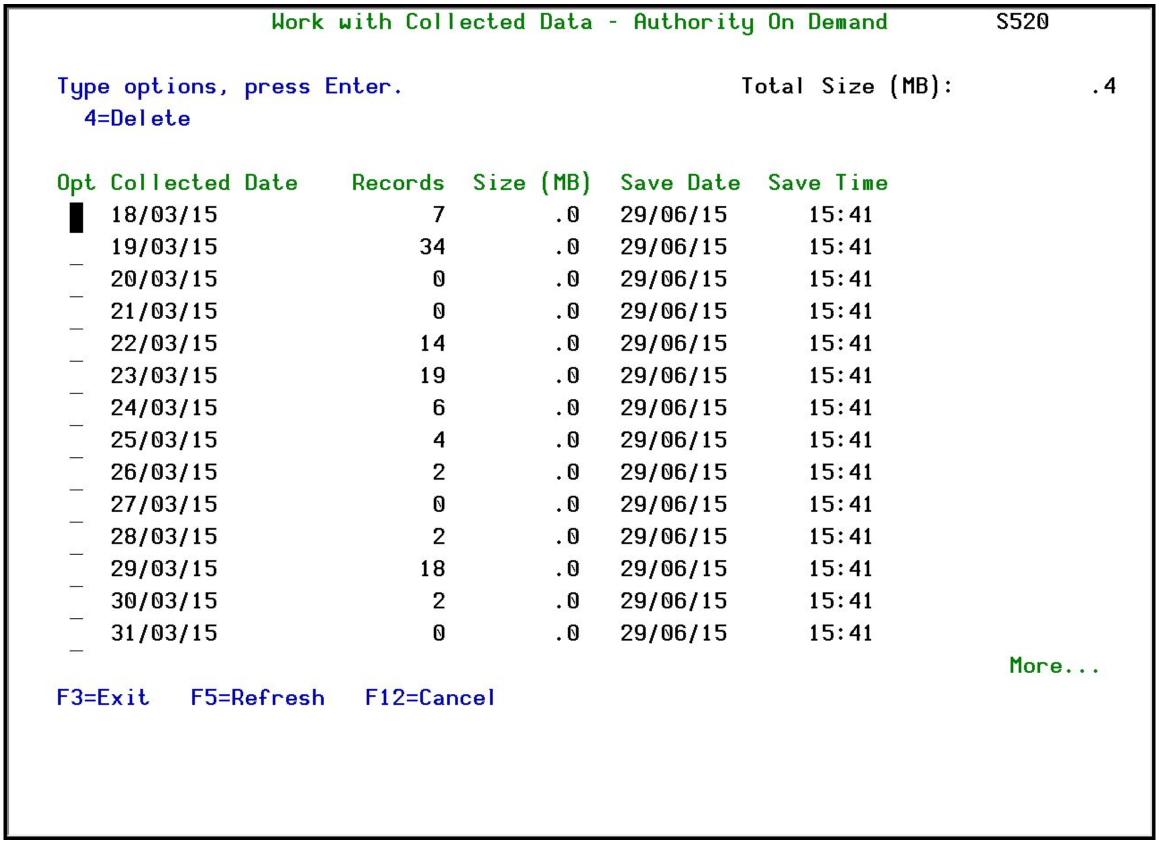
Administrators can view summaries of journal contents of various products by day, showing the number of entries for each day together with the amount of disk space occupied. Administrators can optionally delete individual days to conserve disk space.

1. Select **51. Work with Collected Data** from the **BASE Support** menu. The **Work with Collected Data** screen appears.



Work with Collected Data screen

2. Enter **7** (Authority On Demand) and press **Enter**. The **Work with Collected Data – Authority On Demand** screen appears.



Work with Collected Data - Authority On Demand S520

Type options, press Enter. Total Size (MB): .4
4=Delete

Opt	Collected Date	Records	Size (MB)	Save Date	Save Time
	18/03/15	7	.0	29/06/15	15:41
	19/03/15	34	.0	29/06/15	15:41
	20/03/15	0	.0	29/06/15	15:41
	21/03/15	0	.0	29/06/15	15:41
	22/03/15	14	.0	29/06/15	15:41
	23/03/15	19	.0	29/06/15	15:41
	24/03/15	6	.0	29/06/15	15:41
	25/03/15	4	.0	29/06/15	15:41
	26/03/15	2	.0	29/06/15	15:41
	27/03/15	0	.0	29/06/15	15:41
	28/03/15	2	.0	29/06/15	15:41
	29/03/15	18	.0	29/06/15	15:41
	30/03/15	2	.0	29/06/15	15:41
	31/03/15	0	.0	29/06/15	15:41

More...

F3=Exit F5=Refresh F12=Cancel

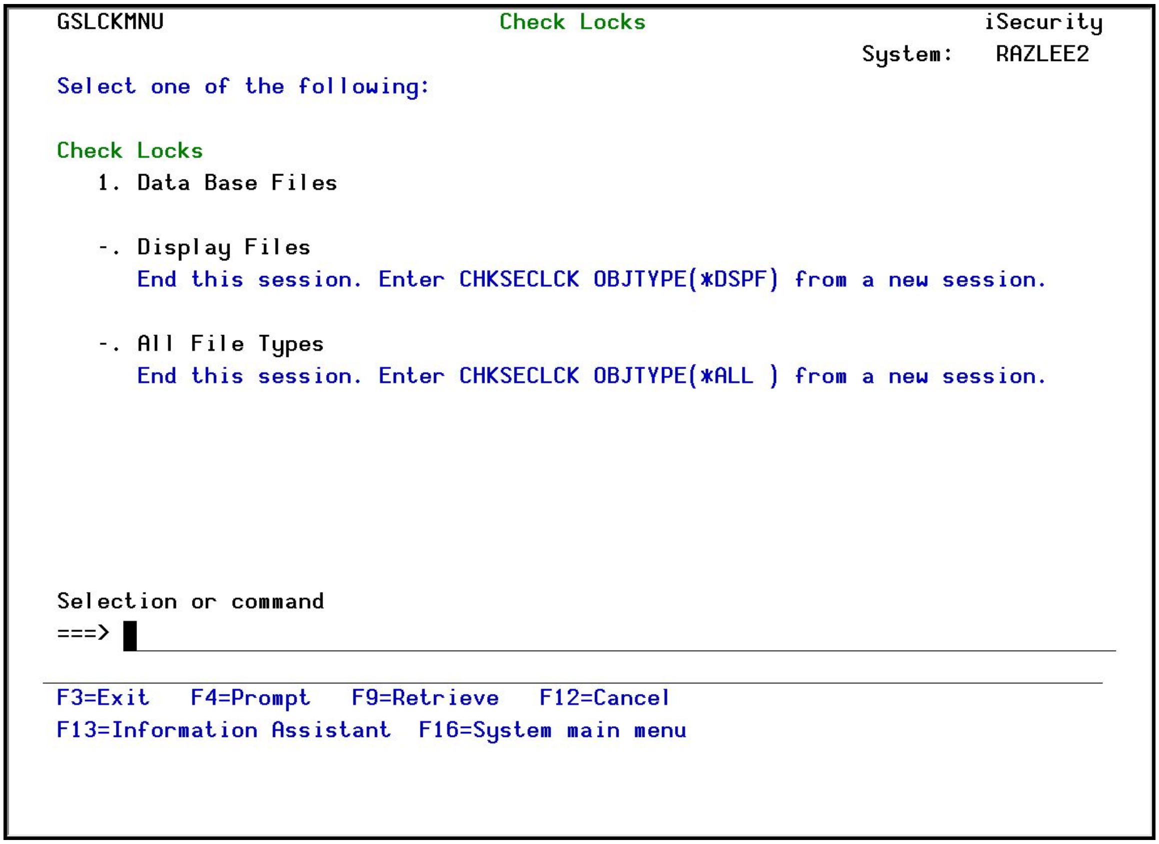
Work with Collected Data – Authority On Demand screen

3. Select **4** to delete data from specific date(s) and press **Enter**.

Check Locks

You need to run this option before you upgrade your system to check if any of the AOD files are being used. If they are, you must ensure that they are not in use before you run the upgrade.

1. Select **52. Check Locks** from the **BASE Support** menu. The **Check Locks** screen appears.



Check Locks screen

2. Select one of the commands that appear on the screen.

*PRINT1-*PRINT9 Setup

User Provisioning allows you to define up to nine specific printers to which you can send printed output. These may be local or remote printers. ***PRINT1-*PRINT9** are special values which you can enter in the **OUTPUT** parameter of any commands or options that support printed output.

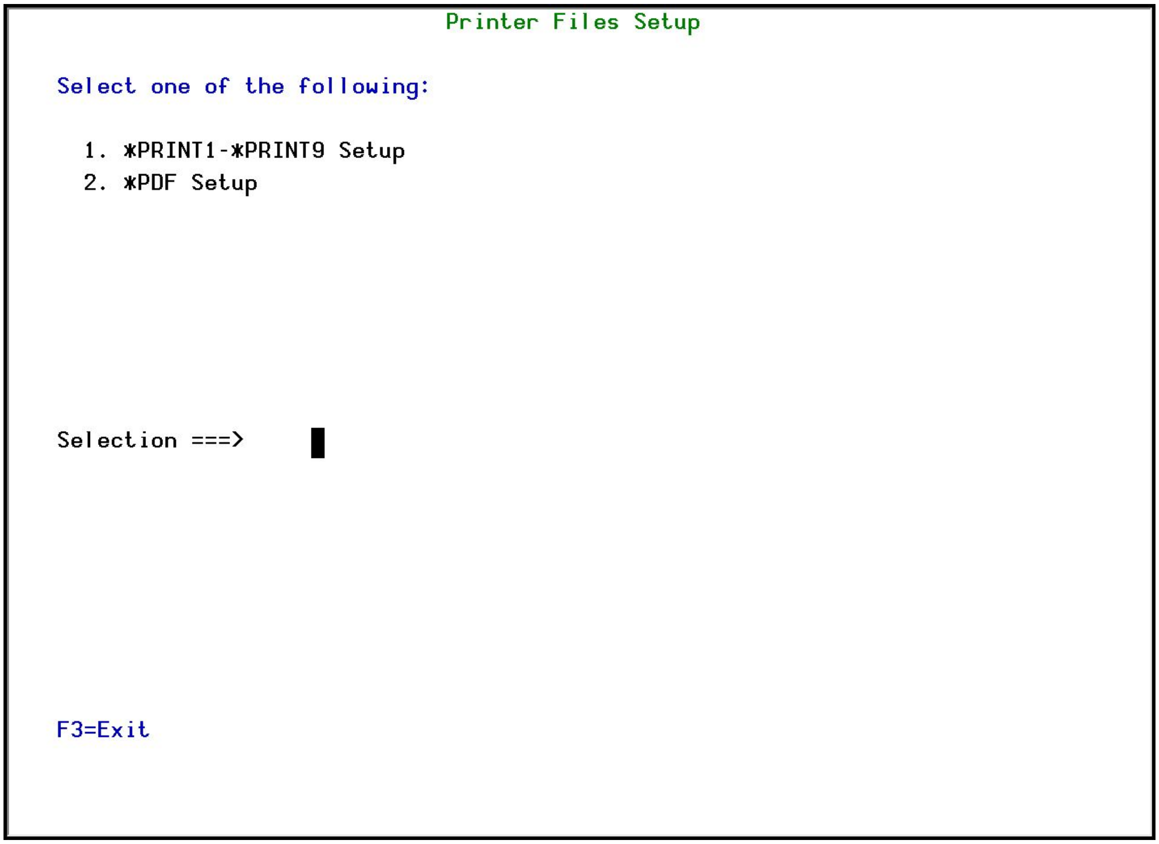
Output to one of the nine remote printers is directed to a special output queue specified on the ***PRINT1-*PRINT9 User Parameters** screen, which, in turn, directs the output to a print queue on the remote system. You use the ***CHGOUTQ*** command to specify the IP address of the designated remote location and the name of the remote output queue.

By default, two remote printers are predefined. ***PRINT1** is set to print at a remote location (such as the home office). *PRINT2 is set to print at a remote location in addition to the local printer. In addition:

- *PRINT3 creates an excel file.
- *PRINT3-9 are user modifiable

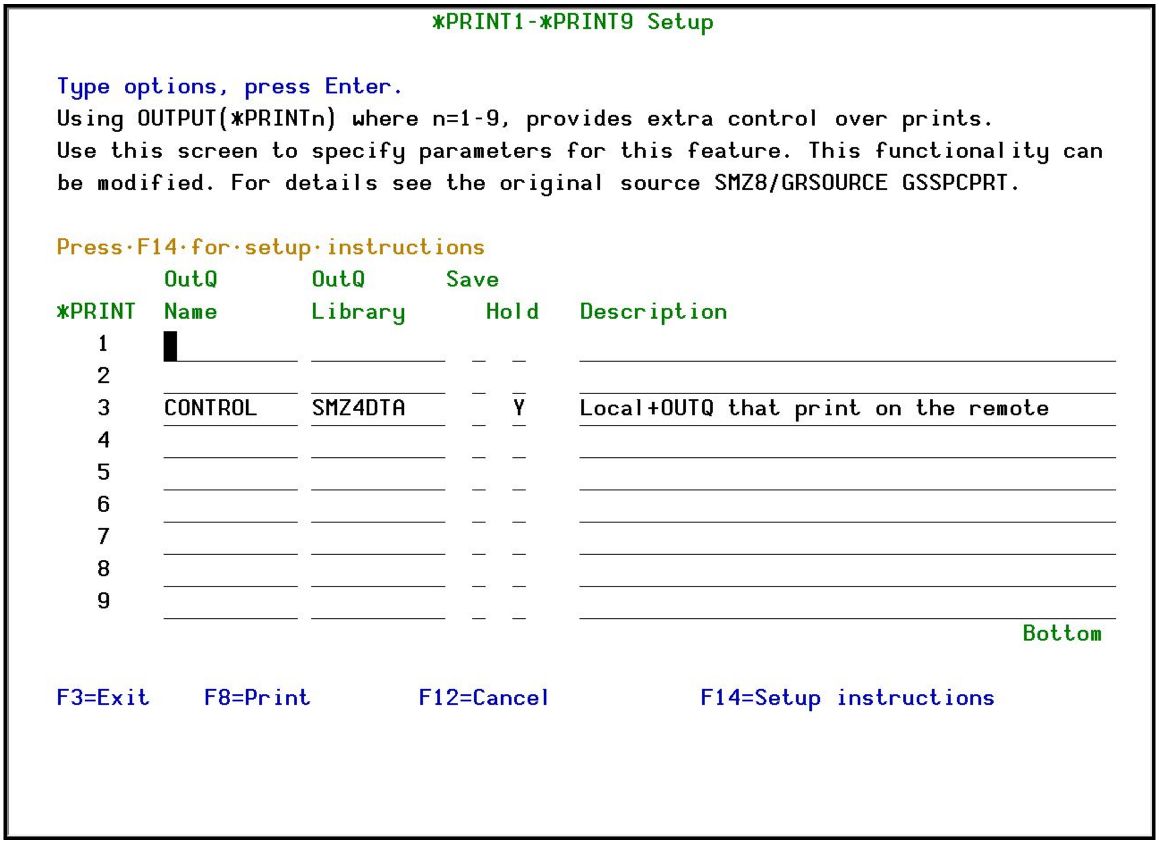
To define remote printers:

1. Select **58. *PRINT1 - *PRINT9, PDF Setup** from the **BASE Support** menu. The **Printer Files Setup** screen appears.



Printer Files Setup screen

2. Enter **1** and press **Enter**. The ***PRINT1 - *PRINT9 Setup** screen appears.



PRINT1-*PRINT9 User Parameters screen

3. Enter the name of the local output queue and library as shown in the above example. You can optionally enter a description.

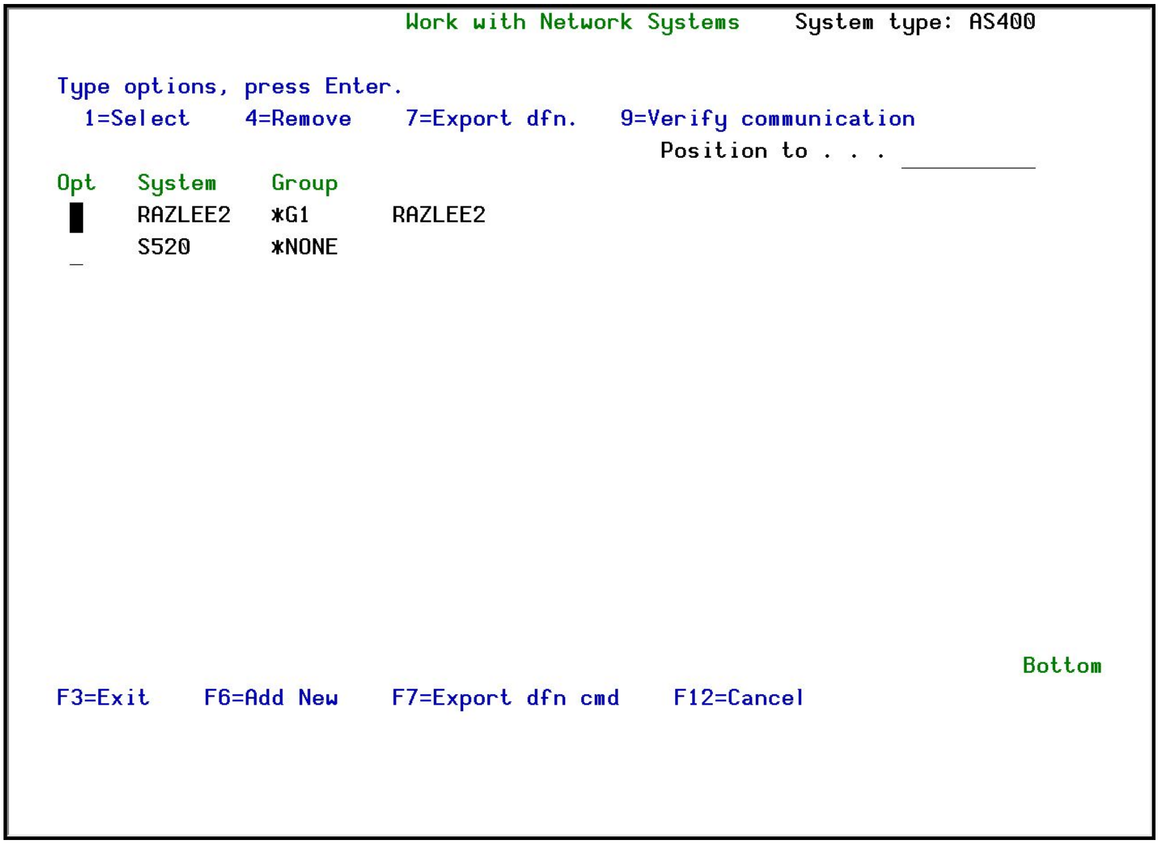
Network Support

Work with network definitions

You must make sure that all systems on your network are defined. If you do not do this, you will be unable to define provisioning for the undefined systems.

To define systems:

1. Select **71. Work with network definitions** from the **BASE Support** menu. The **Work with Network Systems** screen appears.



Work with Network Systems screen

2. Press **F6** to define a new network system to work with and press **Enter** to confirm.

```
                              Add Network System        System type: AS400

Type choices, press Enter.

System . . . . . . . . . .   _______            Name
Description . . . . . . .    ______________________________________________
Group where included . . .   *NONE              *Name
Where is QAUDJRN analyzed .  *SYSTEM            Name, *SYSTEM

Local Copy Details
Default extension Id. . . .  ___                Alphanumeric value

Communication Details
Type . . . . . . . . . . .   *IP                *SNA, *IP
IP or remote name . . . . .  ______________________________________________

Use Network Authentication (from previous menu) on this system and on the
remote one, after adding a system or modifying Communication Details.
cbis enables product to communicate between the systems.


F3=Exit               F12=Cancel

Modify data, or press Enter to confirm.
```

Add Network System screen

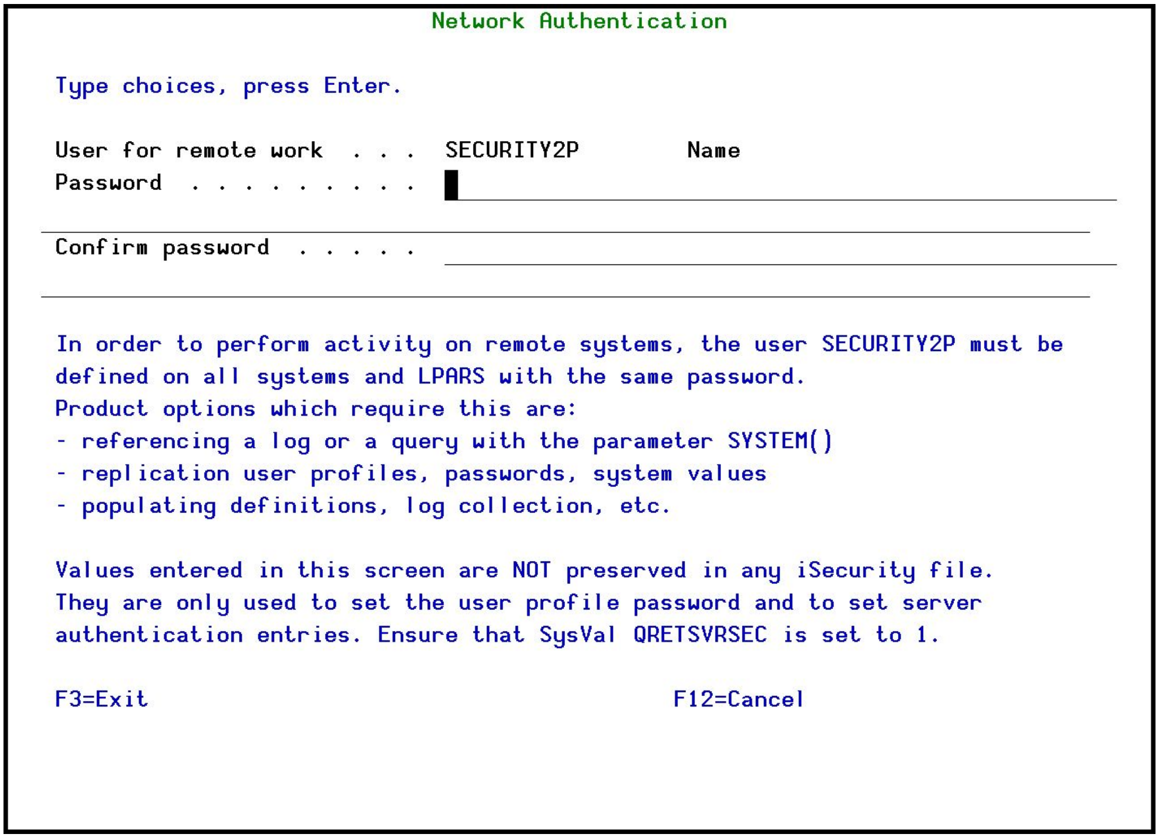
Parameter	Description
System	The name of the system
Description	A meaningful description of the system
Group where included	Enter the name of the group to which the system is assigned
Where is QAUDJRN analyzed	Give the name of the System where QAUDJRN is analyzed. Enter *SYSTEM if it is analyzed locally.
Default extension Id	Enter the extension ID for local copy details
Type	The type of communication this system uses ***SNA** ***IP**
IP or Remote Name	Enter the IP address or SNA Name, depending on the **Type** of communication you defined.

3. Enter your required definitions and press **Enter** to confirm.

Network Authentication

To perform activity on remote systems, you must define the user SECURITY2P with the same password on all systems and LPARS with the same password.

1. Select **72. Network Authentication** from the **BASE Support** menu. The **Network Authentication** screen appears.



```
                          Network Authentication

 Type choices, press Enter.

 User for remote work  . . .  SECURITY2P       Name
 Password  . . . . . . . . .

 Confirm password  . . . . .

 In order to perform activity on remote systems, the user SECURITY2P must be
 defined on all systems and LPARS with the same password.
 Product options which require this are:
 - referencing a log or a query with the parameter SYSTEM()
 - replication user profiles, passwords, system values
 - populating definitions, log collection, etc.

 Values entered in this screen are NOT preserved in any iSecurity file.
 They are only used to set the user profile password and to set server
 authentication entries. Ensure that SysVal QRETSVRSEC is set to 1.

 F3=Exit                                       F12=Cancel
```

Work with Network Systems screen

2. Enter the SECURITY2P user password twice and press **Enter**.

Check Authorization Status

You can set up the system so that the local *SYSOPR will get messages for all network wide authority problems.

Before you run this command, you must allow the system to run network commands and scripts. See Run CL Scripts for more details.

1. Select **73. Check Network Authority Status** from the **BASE Support** menu. The **Check Razlee Authorization** screen appears.

```
                     Check RazLee Authorization (CHKISA)

 Type choices, press Enter.

 Product or *ALL  . . . . . . . .   *ALL          *ALL, AU, NS, GR, CA, JR...
 System to run for  . . . . . . .   *CURRENT      Name, *CURRENT, *group, *ALL..
 Inform *SYSOPR about problems  .   *NO           *YES, *NO
 Days to warn before expiration     *DFT          Number, *DFT

                           Additional Parameters

 Sent from  . . . . . . . . . . .   *NO           Character value, *NO
 By job number  . . . . . . . . .   *NO           Character value, *NO

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

Check Razlee Authorization screen

Parameters or Options	Description
Product or *ALL	***ALL** = report on all products **AU** = Audit **NS** = Native Object Security **GR** = Firewall **CA** = Capture **JR** = AP-Journal **OD** = Authority On Demand **AV** = Anti-Virus **CT** = Change Tracker **DB** = DB-Gate **VW** = View
System to run for	The system to run the authorization check for: **Name** = The name of a specific system in the network ***CURRENT** = The current system ***group** = The name of a group of systems ***ALL** = All systems in the network
Inform *SYSOPR about problem	***YES** = ***NO** =
Days to warn before expiration	Number = Any system whose expiry date is less than this number of days will be reported. The default number of days is 14. ***DFT**
Sent from	Value ***NO**
By job number	Value ***NO**

2. Select the correct options and press **Enter**.

Send PTF

This option allows you to run of a set of commands that will send objects as a PTF. This option is restricted to iSecurity products only. If you need to send PTFs for other products, please contact RazLee Support.

Before you can use this option, ensure that you define the entire network, as described in Work with network definitions, and that you define user SECURITY2P on all nodes, using the same password, as described in Network Authentication.

1. Select **74. Send PTF** from the **BASE Support** menu. The **iSecurity Send PTF (RLSNDPTF)** screen appears.

```
                         iSecurity Send PTF (RLSNDPTF)

 Type choices, press Enter.

 System to run for . . . . . . .   _________      Name, *CURRENT, *group, *ALL..
 Objects . . . . . . . . . . . .   __________     Name, generic*, *ALL, *NONE
                + for more values  __________
 Library . . . . . . . . . . . .   __________     Name
 Object types . . . . . . . . . .  *ALL           *ALL, *ALRTBL, *BNDDIR...
                + for more values  _______
 Save file . . . . . . . . . . .   *LIB           Name, *LIB
   Library . . . . . . . . . . .     *AUTO        Name, *AUTO (RL+job number)
 Remote library for *SAVF . . . .  *AUTO          Name, *AUTO (RL+job number)
 Restore objects . . . . . . . .   *ALL           Name, generic*, *ALL, *NONE
 Restore to library . . . . . . .  *LIB           Name, *LIB, *SAVF
 Program to run . . . . . . . . .  *NONE          Name, *NONE
   Library . . . . . . . . . . .     __________   Name, *LIBL, *RSTLIB
 Parameters . . . . . . . . . . .  ________________________________
                + for more values  ________________________________

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

iSecurity Send PTF screen

Parameter	Description
System to run for	**Name** = The specific name of the system ***CURRENT** = The current system ***group** = All systems in the group ***ALL** = All systems on the network
Objects	The objects you want to send. You can enter multiple values **Name** = A specific object **generic*** = A group of objects with the same prefix ***ALL** = All the objects ***NONE** = No objects need to be extracted, the SAVF has already been prepared
Library	The name of the library that contains the objects
Object types	The object types to be sent
Save file / Library	The name and library of the SAVF to contain the objects. If you enter ***LIB** for the file name, the name of the library containing the objects will be used. If you enter ***AUTO** as a name for the library, a library will be created with the name of RL<jobnumber>
Remote library for SAVF	The name of the remote library to receive the SAVF to contain the objects. If you enter ***AUTO** as a name for the library, a library will be created with the name of RL< jobnumber >
Restore objects	The objects to be restored **Name** = A specific object **generic*** = A group of objects with the same prefix ***ALL** = Restore all objects

Parameter	Description
	***NONE** = Do not restore any objects
Restore to library	The name of the library to receive the restored objects **Name** = A specific library ***LIB** = the name of the original library containing the objects will be used. ***SAVF** = the same name as the SAVF
Program to run / Library	The name and library of a program to run after the objects have been restored.
Parameters	The parameters for the program that runs after the restore.

2. Select the correct options and press **Enter**.

Run CL Scripts

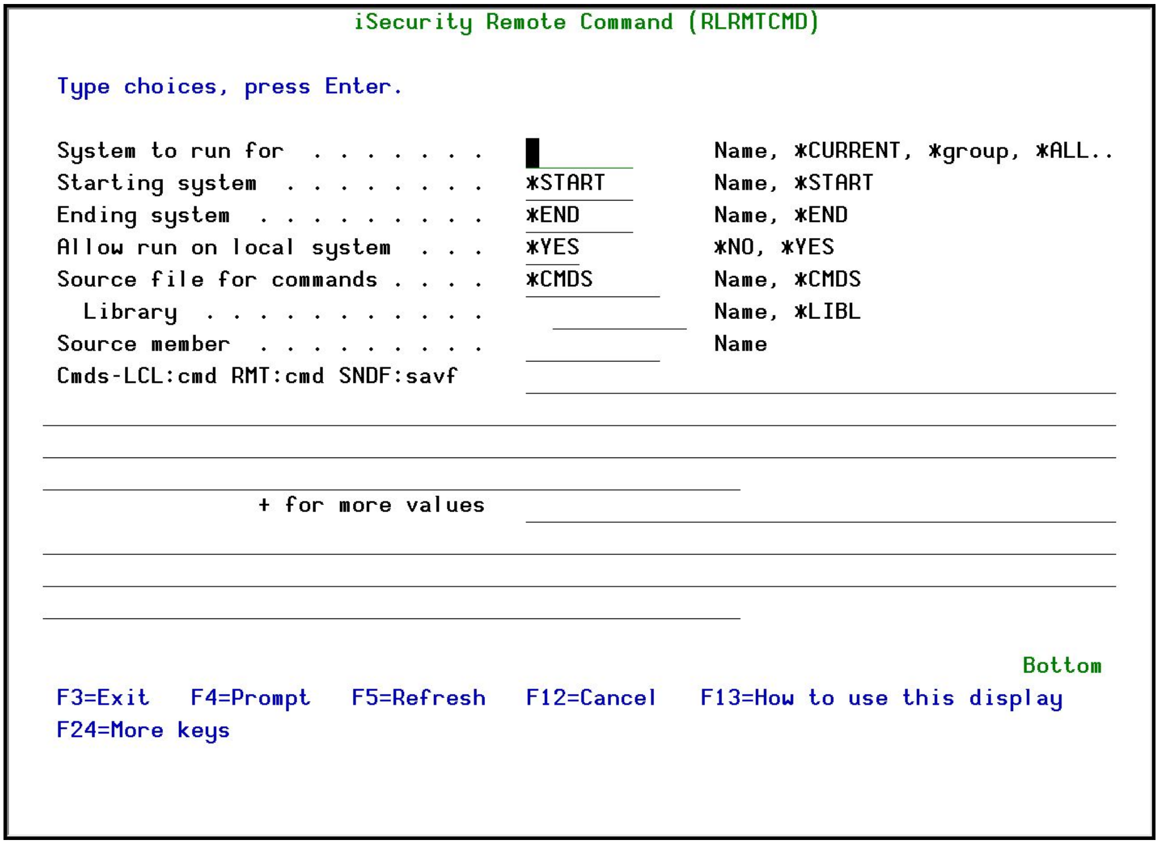
This option allows you to run of a set of commands either from a file or by entering specific commands as parameters. Each command must be preceded by a label:

- LCL: Run the following command on the local system
- RMT: Run the following command on the remote system
- SNDF: Send the save file (format: library/file) to RLxxxxxxxx/file (xxxxxxxx is the local system name)

You can use this option to define the commands to run to check system authorities, as described in Check Authorization Status.

Before you can use this option, ensure that you define the entire network, as described in Work with network definitions, and that you define user SECURITY2P on all nodes, using the same password, as described in Network Authentication.

1. Select **75. Run CL Scripts** from the **BASE Support** menu. The **iSecurity Remote Command (RLRMTCMD)** screen appears.



iSecurity Remote Command screen

Parameter	Description
System to run for	**Name** = The specific name of the system ***CURRENT** = The current system ***group** = All systems in the group ***ALL** = All systems on the network
Starting system	Use to define a the start of a subset within ***group** or ***ALL** This is useful if you want to rerun a command that previously failed
Ending system	Use to define a the end of a subset within ***group** or ***ALL** This is useful if you want to rerun a command that previously failed
Allow run on local system	***YES** = The remote command can run on the local system ***NO** = The remote command cannot run on the local system
Source file for commands	**Name** = The file where the commands to run are stored. ***CMDS** = Use the commands entered below
Library	**Name** = The library that contains the commands source file ***LIBL** =
Source member	**Name** = The member that contains the commands
Cmds –LCL:cmd RMT:cmd SNDF:savf	The commands that can be run (if the Source file for commands parameter is ***CMDS**): **LCL:cmd** = A command that will be run on the local computer **RMT:cmd** = A command that will be run on a remote computer **SNDF:savf** = Send a savefile

2. Select the correct options and press **Enter**.

Current Job Central Administration Messages

Select **76. Current Job CntAdm Messages** from the **BASE Support** menu to display the current job log.

All Jobs Central Administration Messages

Select **77. All Jobs CntAdm Messages** from the **BASE Support** menu to display the job log for all jobs.