

Function UM - User Maintenance (Administrator)

The UM function of the UUTIL utility is designed for use at a control terminal to:

- Maintain user data;
- Maintain the COM-PASS environment;
- Display Com-plete user ID definitions;
- Display active users of Com-plete.

Com-plete definitions of users who are authorized to access Com-plete are stored on the so-called system data container and are referenced by the ULOG utility program each time a user attempts to log on to the Com-plete system. Each user definition contains the following information:

- User ID;
- Account number or group number for the user ID;
- Password for the user ID; number of invalid password attempts since the last successful logon;
- Authorization code for the user ID;
- Control status to be given the user ID;
- Sending and receiving class codes to be assigned to this user ID for sending and receiving messages and for printout spooling;
- Date and time of the most recent ULOG ON session;
- COM-PASS defaults and PF key settings.

When a terminal user is identified to the Com-plete system with the ULOG utility program, the information from the user ID data set is used to create a logon information block. After logging on successfully, this information is used to create the user ID accounting block (see also **UED Edit Control Block** in the Com-plete System Programming documentation). Statistical information for the user ID is accumulated and maintained by using the user ID accounting block, which in turn is written to the SMF data set. Each user ID accounting block is purged from the Com-plete system when either the associated user logs off or Com-plete terminates.

User Maintenance Functions

After invoking this function from the UUTIL main menu, the user maintenance menu is displayed. This menu enables the definition, control, and maintenance functions to be performed:

```

COMULM0021-* Please enter operation or hit 'CLEAR'
17:45:12      TID      11      COM-5.1.      USER SAGAWW      30.11.97
                                           ULM1

      ---  User ID Maintenance Menu  ---
Operation      Fc Operand      Operation      Fc Operand
-----
Define a User Id..... AD 1,2,3,4      Display a User Id..... DS 1,2
Update a User Id..... UP 1,2      Display selected Users.. DI 6
Update selected User Ids UA 6      Display Active Users.... DA 6
Delete a User Id..... DE 1,2
Lock  User ID(s)..... LO 1,2,6      Maintain COM-PASS menu.. CM 5
Unlock User ID(s)..... UN 1,2,6      Set Maintenance Password MA

Fc:      (1) User Id..:      (2) System:      (6) Selection:
        (3) copy from:      (4) System:
        (5) Language.:      1

Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      End

```

Most operations provided speak for themselves. The numbers listed in the *Operand* field following each operation relate to the relevant operands for the function, which can be specified in the bottom half of the screen. in the bottom half of the screen.

Note:

If you are creating user profiles for the first time, you should consider defining the COM-PASS environment first. See the description of function CM (Maintain COM-PASS menu) below.

Creating a New User Profile

To add a new user, select the AD operation and supply the new user ID and optionally system ID. You can also specify an existing user ID in the *copy from* field. If no *copy from* user ID is specified, \$MODLSTD is implicitly used. You can modify the \$MODLSTD user definition to set defaults for all subsequent ADD requests.

The following screen illustrates an example user definition screen:

```

COMULM0052-* Please enter additional arguments...
16:54:39      TID      5      COM-5.1.      User MBE      12.11.97
              --- User ID Maintenance ---          ULM3

Add      User NEWBOY      System Global
User Name....

Last update.: SKU
This is a Model UserId NO      on: 12:41:15
Based on Model UserId.      at: * ¥ Ø
Control Status..... YES      Sys: 7
Account Number.....
Authorization Code....      0
User Password..... PASSWORD
Exempt from Autologoff YES
COM-PASS User..... YES
Suspend 9 Programs.... YES
Non-Menu Programs..... YES
Start-Up Program..... USTACK
Dispatch Priority..... 1
Send Message Codes.... 1 2 3 4 X 5 6 7 X
Receive Message Codes. 1 2 3 4 X 5 6 X 7 X

Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
              End      Updat      fwd      MenuL      Quit
    
```

Note:

From this screen, PF9 takes you straight to the third user definition screen, namely the menu program selection screen (see below).

Having completed your modifications, press PF5 to save the profile.

Meaning of the options:

Option	Meaning
This is a Model User ID	YES means that this user ID can ONLY be used to serve as a model definition for a logon via one of the Com-plete facilities that use model IDs (applymod 57, NSC link,...).This user ID cannot be specified on the ULOG ON screen.
Based on Model User ID	Enter an existing model user ID (optional). If the user logs on, the model user's definitions are taken. The advantage of using this option is that to change the definitions of a user group based on the same model, only the model User Profile need be changed.
Control Status	Specifies CONTROL (YES) or NONCONTROL (NO) status. Control status is required to enable usage of the "control user" utilities. Administrator status is attained through knowledge of the maintenance password.
Account number	Specifies a 1 to 12 digit account code or group number to be assigned to the user ID.
Authorization code	Specifies the authorization code to be assigned to the specified user ID. Represents an integer from -32768 to +32767.

Option	Meaning
User Password	Specifies the password to be assigned to this user ID. Note that if the password option is selected at Com-plete initialization time, this password must be entered along with the user ID in order to gain access to the Com-plete system.
Exempt from	A value of "YES" indicates that this user is not subject to autologoff the inactivity value supplied through the AUTOLOGOFF sysparm value. The default value is "NO".
COM-PASS user	This option acts as a "COM-PASS switch". You may decide not to let a user become a COM-PASS user until all definitions are complete. The Profile can be updated to make the user (or all users) a COM-PASS user in one operation.
Suspend	n is a value from one to nine, indicating the number of programs this user can suspend. The default value for n is nine (9).
	At logon time, n is compared to the STACKMAXIMUM sysparm value. The number of programs the user can suspend is n or the STACKMAXIMUM value, whichever is the smaller.
	This feature is used to convert Com-plete from a non-COM-PASS production system to a COM-PASS production system.
Non-menu programs	A value of "NO" indicates that this user can only access those programs that appear in his COM-PASS menu. "YES" indicates that he can also access programs that do not appear in his COM-PASS menu.
Startup program	This option acts as a "startup switch". If the user is to be automatically supplied with a startup transaction after logon, enter the name of the transaction here. If the user is to receive the COM-PASS menu, specify USTACK.
Send Message Codes	Specifies the authorization class code(s) to be assigned to this user ID for sending messages and printout spooling. Authorization class code 4 (used for Com-plete messages) is always assigned even if not specified. The authorization class codes are fully described in the chapter UM - Message Switching/Printout Spooling Utility.
Receive Message Codes	Specifies the authorization class code(s) to be assigned to this user ID for receiving messages and printout spooling. The authorization class codes are full described in the chapter UM - Message Switching/Printout Spooling Utility. If RMC=(0), this user ID is not allowed to receive messages or printouts. If SMC=(0), this user ID is not allowed to send messages or printouts.

Press PF8 to proceed to the second screen:

```

16:51:22      TID    12      Com-plete      User MBE      13.11.00
System: Global      -- User Default Parameters --      UDEF

----- Global Defaults -----

DSN                                Volume          Device
Libid/Member      /
                                PF01    PF02    PF03    PF04
                                PF05    PF06    PF07    PF08
Language....    0    Case.....
                                PF09    PF10    PF11    PF12
                                PF13    PF14    PF15    PF16
Recallchar...
Suspendchar...    Suspendkey. PA1
Jumpchar....
Printer DUMMY    HC Key.... PA2
Server.
                                PF17    PF18    PF19    PF20
                                PF21    PF22    PF23    PF24
                                PF 13-24 = 01-12 (Y/N): N

----- Utility Defaults -----

UDS Function                                UPDS    Function
UQ    Function      Keywords    JB= SKU      SI= CC    DS= 1    LL= 80    PP= 1

Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
                                End          Updat      bwd      fwd          Quit

```

In this screen, you can:

- Specify the short-ID of the library, as well as the member to be used as default when the UPDS utility is invoked;
- Specify the default volume serial number and device type when the UDS utility is invoked;
- Set the default language and case for screens;
- Assign PF keys to levels on the COM-PASS menu by entering either a suspend level number (1 through 9) or a transaction Profile identity (A through I) next to the PF key;
- Set COM-PASS characteristics;
- Specify the default printer;
- Specify an LPD print server. When this field is filled, all printouts from this user are routed to this server, using the printer name entered for the print queue name. Enter an asterisk (*) in the first position of this field to route printouts to the user's workstation. Note that this feature works only when the user connects to Com-plete's individual telnet tn3270 port, and an LPD server is active on the user's workstation.
- Specify default functions when UPDS or UDS is invoked, as well as a default function and default keyword values when UQ is invoked.

The PF key and default settings can initially be defined on this screen and modified later by the user. PF keys can be modified on the main menu, and default settings can be modified with the UD function.

Press PF8 to display the menu program selection screen for the user. This screen lists the programs defined for the COM-PASS menu (see function CM, Maintain COM-PASS menu, below). Using the Page and ID fields, you can specify on which COM-PASS menu page the program is to appear and with which letter it can be called (the programs are also listed alphabetically according to the ID on the user's

COM-PASS menu):

15:06:52		User ID Maintenance	Page 1
Sys Global Lang 1		Menu Program Selection	ULMA
PageID	Menu Text	Program	PageID Menu Text
1 E	THE Editor	UEDIT	TESTCOK
1 B	PDS functions	UPDS	
1 I	Map definition	UMAP	
	Switch to lower case	LOW	TESTCOK1
	Switch to upper case	UP	
	Online spooling	USPOOL	
1 F	Online dumps	UDUMP	
1 A	Storage display	USTOR	
1 D	JES functions et al	UQ	
1 C	Online control	UCTRL	
	Utilities Menu	UUTIL	
1 G			
Used IDs -> Page1: ABCDEFG.I Page2: Page3:			
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11--PF12---			
	Quit	Updat	bwd fwd Reset

When all the User Profile information has been entered, saved the profile by pressing PF5 until you see the message User *userid* successfully added.

Updating a User Profile

Existing User Profiles can be updated. Select function UA with a user ID to update a single user definition, or specify Y in the selection field to select a group of users according to the displayed criteria. The user definitions are then presented one by one.

Deleting a User Profile

Redundant user profiles can be deleted using option DE from the user ID maintenance menu. After the profile to be deleted is selected, the profile is displayed and you are asked to verify that the profile is to be deleted.

Locking/Unlocking Users

A user or group of users can be locked and subsequently unlocked from using Com-plete, for example, while maintenance is being carried out or while the user is away from the installation for a long period of time.

Select option LO/UN from the user ID maintenance menu to do this. You can specify a specific user ID, or specify Y in the selection field to lock/unlock all users belonging to a particular account.

Displaying Profiles and Users

The DS option enables individual User Profiles to be displayed and updated. The DI option enables all defined users (or selected groups) to be displayed. The DA option enables all active users (or selected groups) to be displayed. Specify Y in the selection

field to specify selection criteria for the DI and DA functions.

Maintenance Password

You can change the maintenance password using option MA from the user ID maintenance menu.

Maintain COM-PASS Menu

The CM function allows you to set up the COM-PASS environment, which you can subsequently tailor for each User Profile or group of User Profiles (functions AD, UP, UA).

You can define the program names and program descriptions to appear on the COM-PASS menu, a one-letter ID to be associated with each program, the menu page, as well as the conditions under which the program is to appear. Additionally, you can link or unlink specific menu lines to user IDs.

The COM-PASS menu definition function operates in two modes:

- PROGRAM mode, used to define the program names to appear on the user's COM-PASS menu
- TEXT mode, meaning there is only ONE set of program names, the program descriptions can be added in various languages, temporarily activated using the LANG command from COM-PASS, or permanently set for the user by the administrator using the UM UP function. The user can modify the language using UUTIL function UD.

When you select the CM option, the COM-PASS menu screen is displayed:

17:30:34		User ID Maintenance - COM-PASS Menu					Page 1
System..: Global							ULM0
Language: 1		Propagate into					
S Nbr	Menu Text	Programs	P/E	Ovw	Free	Message	
1	THE Editor	UEDIT	0	N	N		
2	PDS functions	UPDS	0	N	N		
3	Map definition	UMAP	0	N	N		
4	Switch to lower case	LOW	0	N	N		
5	Switch to upper case	UP	0	N	N		
6	Online spooling	USPOOL	0	N	N		
7	Online dumps	UDUMP	0	N	N		
8	Storage display	USTOR	0	N	N		
9	JES functions et al	UQ	0	N	N		
10	Online control	UCTRL	0	N	N		
11	Utilities Menu	UUTIL	0	N	N		
12			0	N	N		
13			0	N	N		
14			0	N	N		
15			0	N	N		
16			0	N	N		

Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
 End Updat bwd fwd Text Quit

Initially the screen is clear; up to 240 programs (8 screen pages) can be added. Enter the menu text and program names in the appropriate columns as in the above example, using PF10 to toggle between text and program name input.

The other input fields have the following meaning:

Column	Meaning
S	Enter L (for LINK) or U (for UNLINK) for the entry to be linked or unlinked and specify one or more of the following parameters under the heading Propagate into:
P/E	Specifies the Page/Entry number (1A to 3I) of the COM-PASS menu slot where the menu program is to appear.
Ovw	Set to Y to force the selected menu program into the slot specified in P/E, otherwise it will be linked only if the selected slot is empty.
Free	Specifies that the first empty slot on the user's COM-PASS menu will be used for the selected menu program.

For both the L and U selection, the following screen will be presented:

```

COMULM0052-* Please enter additional arguments...
08:44:46          TID    10          COM-5.1.          User SAGAWW          09.12.97
                                                ULM7

                --- User ID Maintenance ---
                Selection criteria

Account number ...:
Authorization code:      0
Control User (Y/N):
Startup program ..:
TID number .....:      0
UserId .....:
System Id .....:

Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
Exec          EndIn                                     Aband
    
```

Specify criteria to select the range of users the selected menu entry will be linked to/unlinked from and press ENTER. The COM-PASS menu is redisplayed. Now press PF5 to save the definition. Return to the user maintenance menu by pressing the CLEAR key or PF3.