

Adabas Online System

System Operator Command Functions

Version 8.1.4

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System Operator Command Functions


Selecting Session Opercoms (option "O") displays the following menu:

```

20:35:29          ***** A D A B A S BASIC SERVICES *****          2009-02-02
                  - Session Opercoms -                               PACI002

Code  Service                                           Code  Service
-----
E     Extended Error Recovery                          T     Termination Commands
F     Force CLOG or PLOG switch                       U     Manage Online Utilities
L     Lock or unlock files                             V     User Table Maintenance
R     Reset ONLINE-DUMP-Status                        X     Replicator Management
S     Stop user(s)
?     Help
.     Exit
-----
Code ..... _
Userid(ETID) ... _____
CLOG/PLOG Ind .. _
Database ID .... 1955   (WIS1955)

Command ==>
PF1----- PF2----- PF3----- PF4----- PF6----- PF7----- PF8----- PF12-----
Help           Exit           Menu           ↵
  
```

 **Note:** A zero value in the NucID field indicates that the command applies to all nuclei in the cluster (global). A non-zero value for NucID indicates that the command applies only to the cluster nucleus specified.

The System Operator Command Functions documentation is organized in the following topics:

| Code | Function |
|------|---|
| E | Extended Error Recovery |
| F | Force Dual/Multiple CLOG/PLOG Switch |
| L | Lock / Unlock files |
| R | Reset Online Dump Status |
| S | Stop User(s) |
| T | Termination Commands |
| U | Manage Online Utilities |
| V | Maintain the User Table (nucleus cluster environments only) |

| Code | Function |
|------|----------|
|------|----------|

X Displays the **Replication Management** menu, which allows you to access the Adabas Event Replicator Subsystem (SYSRPTTR) as well as to activate and deactivate subsystem definitions, run the RPLCHECK, RPLCLEANUP, or RPLREFRESH utilities, and display subsystem parameters and definitions.

Note: This option is only available if the database you have selected is an Event Replicator Server database.

For more information about the Adabas Event Replicator Subsystem or any of the functions you can perform from the Replication Management menu, refer to your Event Replicator for Adabas documentation.

1 Extended Error Recovery

| | |
|---|---|
| ▪ Display Message Buffer | 3 |
| ▪ Display/Modify Environment | 4 |
| ▪ Display/Modify Exits | 5 |
| ▪ Add/Delete PIN Modules | 6 |
| ▪ Display/Modify PIN Routines | 7 |
| ▪ Refresh Threshold and Alert Exits | 8 |
| ▪ SNAP a Nucleus Dump | 8 |

Selecting option "E" (Extended Error Recovery) from the Session Opercoms menu displays the Extended Error Recovery menu:

```
09:31:57          ***** A D A B A S  BASIC SERVICES *****          2008-07-14
                  - Extended Error Recovery -                          PACIE02

      Code      Service
      ----      -
      B          Display message buffer
      D          Display/modify environment
      E          Display/modify Exit routines
      M          Add/Delete PIN modules
      P          Display/modify PIN routines
      R          Refresh threshold and alert exits
      S          SNAP a nucleus dump
      ?          Help
      .          Exit
      ----      -

Code ..... _
Start Address .. _____ End Address ... _____
Database ID .... 105      (RD-MPM105)

Command ==>
PF1----- PF2----- PF3----- PF4----- PF6----- PF7----- PF8----- PF12-----
Help          Exit          Menu
```

From this menu you can:

- display the message buffer
- display or modify the parameters controlling the extended error handling environment;
- display or modify parameters for invoking the error handling exits;
- add or delete PIN modules;
- display, activate, or deactivate specific PIN routines;
- SNAP a dump image of nucleus memory.



Note: Option R (Refresh threshold and alert exits) is no longer a functional option.

This chapter covers the following topics:

Display Message Buffer

Selecting option "B" (Display Message Buffer) from the Extended Error Recovery menu displays the contents of the message buffer:

```

09:38:27          ***** A D A B A S  BASIC SERVICES  *****      2008-07-14
DBID 105          - Display Message Buffer -                      PACIEB2

Select starting message _____
Msg Num   Time   Msg ID           Message
-----
      2 09:15:11 ADAN5A FILES modified during AUTORESTART:
      3 09:15:11 ADAN5A NONE
      4 09:15:11 ADAN19 BUFFERFLUSH is  A S Y N C H R O N O U S
      5 09:15:11 ADAN8Y FILE-LEVEL CACHING INITIALIZED
      6 CWARN-140, FILE CACHING PARAMETER ERROR; Invalid FILE NUMBER
      7 09:15:11 ADAN80 ADABAS DYNAMIC CACHING ENVIRONMENT established.
      8 09:15:11 ADAN01 A D A B A S  V8.1.0  is active
      9 09:15:11 ADAN01 MODE = MULTI
     10 09:15:11 ADAN01 Running without RECOVERY-LOG
     11 09:45:23 ADAN8U ESP 64001 (WRK2)  Enabled on Demand.
     12 09:45:23 ADAN8U ESP 64002 (WRK3)  Enabled on Demand.
     13 09:45:23 ADAN8U FNR 00050 (BOTH)  Enabled on Demand.

Command ==>
PF1----- PF2----- PF3----- PF4----- PF6----- PF7----- PF8----- PF12-----
Help                Exit       Latest           -           +           Menu

```

Press PF4 to refresh the screen and show the latest messages added to the buffer.

The Msg Num column contains the sequential record number for each item in the message buffer. Enter a record number in the field `Select starting message` to position the display to a particular record.

These functions are the same as the error handling operator commands

```
SMGT ,DISPLAY=MSGBUF
```

Display/Modify Environment

Selecting option "D" (Display/Modify Environment) from the Extended Error Recovery menu displays the current setting of several extended error handling parameters:

```

20:29:38          ***** A D A B A S  BASIC  SERVICES *****          2009-02-02
DBID 1955          -  Display/Modify Environment  -          PACIED2

----- Parameters ----- Status - Executions -
Extended Error Recovery (SMGT)  ON          0
Message Buffering ..... ON
Abnormal Term. Handler ..... ON          0
Response Code Handler ..... ON          0
Full System Dump (DUMP) ..... OFF

----- Most Recent Recovery Action -----
No error conditions handled

PF1----- PF2----- PF3----- PF4----- PF6----- PF7----- PF8----- PF12-----
Help      MsgBuf   Exit                               Menu      ←
    
```

The parameters with "ON"/"OFF" values in the Status column can be activated and deactivated by changing the value.

The functions on this screen mirror the error handling operator commands

```

SMGT,{ON | OFF}
SMGT,ABNORMALTERM={ON | OFF}
SMGT,DUMP={ON | OFF}
SMGT,MSGBUF={ON | OFF}
SMGT,DISPLAY=LAST
    
```

Display/Modify Exits

Selecting option "E" (Display/Modify Exits) from the Extended Error Recovery menu displays the status of the exits currently loaded:

```
09:58:48          ***** A D A B A S  BASIC SERVICES *****          2008-07-14
      DBID 105                  - List/Modify Exit Routines -          PACIEE2

Mark with 'A' Activate, 'D' Deactivate, 'L' Load, 'C' Critical, 'N' Not Crit
M Exit Program      Status  Critical M Exit Program      Status  Critical
- ----  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
_ SX00 ADASMXIT     Active   Critical _
-
-
-
-
-
-
-
-
-
-
-
-
-
-

PF1----- PF2----- PF3----- PF4----- PF6----- PF7----- PF8----- PF12-----
Help                               Exit       Refr      --      -      +      Menu
```

The exit code, the name of the program invoked by the exit, the current status, and the criticality are listed for each exit. You can change the status and criticality of the exit from this screen.

To change the status and criticality of the exit, enter in the M column next to the selected exit

| | |
|---|--|
| A | to activate the exit |
| D | to deactivate the exit |
| L | to reload the exit program in memory or to load a new exit |
| C | to make the exit critical |
| N | to make the exit noncritical |

After changes have been made, use PF4 to refresh this screen.

These functions are the same as the error handling operator commands

```
SMGT,DISPLAY=EXITS
SMGT,{XACTIVATE | XDEACTIVATE}=exit-code
SMGT,XLOAD=exit-code
```

```
SMGT,XLOAD=(exit-code,module-name)  
SMGT,{XCRITICAL | XNOTCRITICAL}=exit-code
```

Add/Delete PIN Modules

Selecting option "M" (Add/Delete PIN Modules) from the Extended Error Recovery menu displays a list of currently available PIN modules:

```
10:02:45          ***** A D A B A S  BASIC SERVICES *****          2008-07-14  
DBID 105          - Add/Delete PIN Modules -          PACIEM2  
  
Mark entries with 'A' to Add or 'D' to Delete:  
  
      M  Module      Description      Message  
      -  - - - - -  - - - - - - - - - - - - - - -  
      _  ADAMXY      Standard Nucleus PIN Routines  
      _  PINAAF      SAF Security  
      _  PINAFP      Adabas Fastpath  
      _  PINATM      Adabas Transaction Manager  
      _  PINAVI      Adabas Vista  
      _  PINRSP      Adabas Response Code Handler  
      _  PINUES      Universal Encoding Support
```

▶ To load a PIN module into memory

- Enter "A" in the M column next to the module name.

This command is successful only if the exit module exists in a library accessible to the Adabas nucleus.

▶ To remove a PIN module from memory

- Enter a "D" in the M column next to the module name.

When deleting a PIN module from memory, all related PIN routines are also removed.

These functions are the same as the error handling operator commands

```
SMGT,{ADDPIN | DELPIN}=module-name
```

Display/Modify PIN Routines

Selecting option "P" (Display/Modify PIN Routines) from the Extended Error Recovery menu displays a list of PINs currently loaded in memory:

```

10:08:49          ***** A D A B A S  BASIC SERVICES  *****          2008-07-14
DBID 105          - List/Modify PIN Routines -          PACIEP2

Mark entries with 'A' Activate, or 'D' Deactivate:          Total Pins: 012

M  Condition          Error Location          Status  Uses  Module  Message
-  - - - - -          - - - - -          - - - - -  - - - - -  - - - - -  - - - - -
_  000C1000  All Locations          Active   0    ADAMXY
_  000C2000  All Locations          Active   0    ADAMXY
_  000C3000  All Locations          Not Act  0    ADAMXY
_  000C4000  All Locations          Active   0    ADAMXY
_  000C5000  All Locations          Active   0    ADAMXY
_  000C6000  All Locations          Active   0    ADAMXY
_  000C7000  All Locations          Not Act  0    ADAMXY
_  000C8000  All Locations          Active   0    ADAMXY
_  000C9000  All Locations          Active   0    ADAMXY
_  000CB000  All Locations          Active   0    ADAMXY
_  000CF000  All Locations          Active   0    ADAMXY
_  00047000  All Locations          Active   0    ADAMXY

PF1----- PF2----- PF3----- PF4----- PF6----- PF7----- PF8----- PF12-----
Help          Exit      Refr      --      -      +      Menu

```

For all PIN routines on the list, the screen indicates the conditions that cause them to be executed, the current status, the number of times they have been used, and the module in which they are located.

To change the status of the PINs from this screen, enter in the M column next to the PIN number

| | |
|---|---------------------|
| A | to activate a PIN |
| D | to deactivate a PIN |

After changes have been made, use PF4 to refresh the screen.

These functions are the same as the error handling operator commands

```

SMGT,DISPLAY=PINS
SMGT,{ACTPIN | DEACTPIN}=pin-number

```

Refresh Threshold and Alert Exits

Selecting option "R" (Refresh Threshold and Alert Exits) from the Extended Error Recovery menu is no longer a functional option.

SNAP a Nucleus Dump

Selecting option "S" (SNAP a Nucleus Dump) from the Extended Error Recovery menu generates a formatted dump of the nucleus without error diagnostics.

▶ To generate a dump of the whole nucleus

- Leave the Start Address and End Address fields on the menu blank.

To generate a SNAP dump of only a range of addresses, enter hexadecimal addresses in the Start Address and End Address fields on the menu.

The formatted dump is written to the DDPRINT data set specified in the nucleus.

This function is the same as the error handling operator command

```
SMGT,SNAP[=(start,end)]
```

2 Force Dual/Multiple CLOG/PLOG Switch

Using this option, you can immediately switch (by forcing an end-of-file) between dual or multiple command log (CLOG) or protection log (PLOG) files. Switching (that is, "toggling") changes from one CLOG or PLOG file to another.

Equivalent direct commands are

```
FORCE CLOGSWITCH
```

```
FORCE PLOGSWITCH
```


3

Lock / Unlock Files

This option is used to lock, unlock, or display locked files.

Files can be locked or unlocked for all users or for all but utility/EXF users. Once locked for all users, a file cannot be unlocked for utility users only.

Locking is immediate: a transaction in process whose file becomes locked will be backed out.

Unlocking makes the file available again for normal use.

Equivalent direct commands are

```
LOCK FILE
```

```
UNLOCK FILE
```

Selecting option "L" (Lock/Unlock Files) from the Session Opercoms menu displays the following:

```
10:12:10          ***** A D A B A S  BASIC SERVICES ***** 2008-07-14
                  - Lock / Unlock Files -                       PACIL02

                Code      Service
                -----
                D          Display locked files
                F          Lock file for all users
                K          Advance lock file
                L          Lock file except for UTI/EXF users
                N          Unlock file from general lock
                R          Release an advance lock
                U          Unlock file from UTI/EXF lock
                ?          Help
                .          Exit
                -----

Code ..... _
File Number .. 30
UTI/EXF Ind .. U
Database ID .. 105      (RD-105)

Command ==>
PF1----- PF2----- PF3----- PF4----- PF6----- PF7----- PF8----- PF12-----
Help          Exit          Menu
```

▶ To list and modify the files that are locked

- Enter "D" in the Code field and press ENTER.



Note: You can unlock a file directly from the Lock / Unlock Files menu by entering an "N" or "U" function.

The Display Locked Files screen is displayed:

4 Reset Online Dump Status

Use this option to reset the online dump status for use when an ADASAV online dump operation has abended.

An equivalent direct command is

```
RESET ONLINESTATUS
```


5 Stop User(s)

Selecting option "S" (Stop Users) from the Session Opercoms menu displays the Stop Users menu:

```
10:22:02          ***** A D A B A S  BASIC SERVICES  *****          2008-07-14
                                     - Stop Users -                               PACIS02

                                Code  Service
                                ----  -
                                F     Stop users using file
                                I     Stop inactive users
                                J     Stop users by jobname
                                U     Stop a selected user
                                ?     Help
                                .     Exit
                                ----  -

Code ..... -
File Number ..... _____
Last Activity .... _____ (elapsed time in seconds)
Job Name ..... _____
Purge UQE(s) ..... N
Selected Userid ..
Database ID ..... 105 (RD-105)

Command ==>
PF1----- PF2----- PF3----- PF4----- PF6----- PF7----- PF8----- PF12-----
Help      Disp UQ   Exit      Clear UID                               Menu
```

You can stop a specific user, all users from a specific job, all users using a specific file, or all inactive users. Any open transactions of the stopped users are backed out. When the Purge UQE(s) field is set to "Y", the stopped users are also deleted. Note that EXF and UTI users are not stopped or deleted.

The following table describes what each of the screen options allows you to do and how to use them effectively:

| Code | This option allows you to... |
|------|---|
| F | <p>stop all users who are using a specific file. When you use this option, specify the file number in the File Number field.</p> <p>The nucleus backs out all open transactions of any users of the file. If the Purge UQE(s) field is set to "Y", the stopped users are also deleted. If the Purge UQE(s) field is set to "N" or Adabas is running with ADARUN OPENRQ=YES, a stopped user who returns (by sending a command) will receive response code 9.</p> <p>Caution: If Adabas is running with ADARUN OPENRQ=NO (specifying that users are not required to issue an OP as the first command of the session), select this option with the Purge UQE(s) field set to "Y" only if you are certain that the users to be deleted are no longer active. If a user with an open transaction is deleted, but then returns (by sending a command), no indication is given about the transaction backout. If the user continues the transaction, logical inconsistencies in the database could occur.</p> |
| I | <p>stop all users who have not executed a command during a specific time interval. When you use this option, specify the inactivity time (in seconds) in the Last Activity field.</p> <p>The nucleus backs out all open transactions of the affected users. If the Purge UQE(s) field is set to "Y", the stopped users are also deleted. If the Purge UQE(s) field is set to "N" or Adabas is running with ADARUN OPENRQ=YES, a stopped user who returns (by sending a command) will receive response code 9.</p> <p>Caution: If Adabas is running with ADARUN OPENRQ=NO (specifying that users are not required to issue an OP as the first command of the session), select this option with the Purge UQE(s) field set to "Y" only if you are certain that the users to be deleted are no longer active. If a user with an open transaction is deleted, but then returns (by sending a command), no indication is given about the transaction backout. If the user continues the transaction, logical inconsistencies in the database could occur.</p> |
| J | <p>stop and delete all users from a specific job. When you use this option, specify the job name in the Job Name field.</p> <p>The nucleus backs out any open transactions from the job and deletes the users (purges their user queue elements), regardless of the setting of the Purge UQE(s) field.</p> <p>Caution: If Adabas is running with ADARUN OPENRQ=NO (specifying that users are not required to issue an OP as the first command of the session), select this option only if you are certain that the users to be deleted are no longer active. If a user with an open transaction is deleted, but then returns (by sending a command), no indication is given about the transaction backout. If the user continues the transaction, logical inconsistencies in the database could occur.</p> |
| U | <p>stop and delete a specific user. When you use this option, specify the user ID of the user you want to stop in the Selected Userid field. You can do this by selecting a user from the current user queue (select PF2 on this screen).</p> <p>The nucleus backs out any open transaction of the user and deletes the user (purges the user queue element), regardless of the setting of the Purge UQE(s) field.</p> <p>Caution: If Adabas is running with ADARUN OPENRQ=NO (specifying that users are not required to issue an OP as the first command of the session), select this option only if you are certain that the</p> |

| Code | This option allows you to... |
|------|---|
| | user to be deleted is no longer active. If a user with an open transaction is deleted, but then returns (by sending a command), no indication is given about the transaction backout. If the user continues the transaction, logical inconsistencies in the database could occur. |
| ? | access online help for this screen. |
| . | exit this screen. |

The following table describes the use of the fields on this screen:

| Field | Description |
|-----------------|--|
| Code | Specify the code of the function you wish to perform, as described in the table above. |
| File Number | When selecting the "F" code (stop users of a specific file), specify the file number; all users of the file will be stopped. |
| Last Activity | When selecting the "I" code (stop inactive users), specify the inactivity time of the users (in seconds); users who have not executed a command during the specified time interval will be stopped. |
| Job Name | When selecting the "J" code (stop and delete users from a specific job), specify the job name; all users from that job will be stopped and deleted. |
| Purge UQE(s) | When selecting the "F" or "I" codes specify (with "Y" or "N") whether the user queue elements (UQEs) of the stopped users should be purged. Users stopped via the "J" or "U" codes are always purged. Caution: If Adabas is running with ADARUN OPENRQ=NO (specifying that users are not required to issue an OP as the first command of the session), select this option only if you are certain that the users to be deleted are no longer active. If a user with an open transaction is deleted, but then returns (by sending a command), no indication is given about the transaction backout. If the user continues the transaction, logical inconsistencies in the database could occur. |
| Selected Userid | Lists the selected user ID. To change the user ID, press the PF2 key and select a new user ID from the current user queue. To clear a user ID from this field, press the PF4 key. If no specific user is listed in this field, all users are assumed. This field is used only when the "U" Code (stop a specific user) is selected. |
| Database ID | Specify the database ID of the database for which the users are stopped. |

The following special function keys are also available for use on this screen:

- Press PF2 (Disp UQ) to display the current user queue. You can select a user from the current user queue list.
- Press PF4 (Clear UID) to clear the Selected Userid field.

An equivalent direct command is:

STOP USERS

6 Termination Commands

Selecting option "T" (Termination Commands) from the Session Opercoms menu invokes the Session Termination menu from which you can choose to terminate a session normally (ADAEND), cancel a session immediately (CANCEL), or stop a session (HALT).

```
11:24:00          ***** A D A B A S  BASIC SERVICES *****          2008-07-14
                   - Session Termination -                          PACT002

                   Code      Service
                   -----
                   A        Normal session termination (ADAEND)
                   C        Cancel session immediately (CANCEL)
                   H        Stop session (HALT)
                   ?        Help
                   .        Exit
                   -----
Code ..... _
Database ID .. 105 (RD-MPM105)
Current nr. of users in User Queue ... 9
Nr. of users with open transactions .. 0

Command ==>
PF1----- PF2----- PF3----- PF4----- PF6----- PF7----- PF8----- PF12-----
Help              Exit                          Menu
```

In all cases, you are prompted to confirm your termination request before the action is taken.

An equivalent direct command is

```
TERMINATE SESSION
```


7 Manage Online Utilities

Selecting option "U" (Manage Online Utilities) from the Session Opercoms menu displays the following screen:

```

10:28:33          ***** A D A B A S  BASIC SERVICES  *****      2008-07-14
DBID 105          - Manage Online Processes -                      PACIP02

Total Processes...
Mark entries with 'S' (Suspend), 'R' (Resume), or 'X' (Stop):
  I      I Process I Sort I Current I Throw- I Process I
M I  FNR I   Type I Seq I RABN/ISN I Backs I   ID   I Status  I
-----
_ I    50 I Reor Data I Phy I      3345 I      6 I 000003FC I Active  I
_ I    61 I Invert DE I AA  I      286 I      1 I 000003FF I Suspended I
_ I   101 I Reor Asso I BJ  I          I      1 I 000000C2 I Active  I
_ I      I      I      I      I      I      I      I      I
_ I      I      I      I      I      I      I      I      I
_ I      I      I      I      I      I      I      I      I
_ I      I      I      I      I      I      I      I      I
_ I      I      I      I      I      I      I      I      I
_ I      I      I      I      I      I      I      I      I
_ I      I      I      I      I      I      I      I      I
_ I      I      I      I      I      I      I      I      I
_ I      I      I      I      I      I      I      I      I

PF1----- PF2----- PF3----- PF4----- PF6----- PF7----- PF8----- PF12-----
Help                Exit      Refresh  --      -      +      Menu
  
```

From this screen, you can manage (that is, monitor, suspend, resume, and stop) online utility processes.

All online processes currently in the database nucleus are listed, up to a maximum of 40. You can use PF6 (back to the start of the list), PF7 (back one screen), and PF8 (forward one screen) to scroll among the processes.

The equivalent direct command is

`DISPLAY PROCESS`

To maintain the processes, enter one of the following maintenance codes in the M column to the left of the process named in the Process Type column:

| | |
|---|----------------------------|
| S | suspend an active process |
| R | resume a suspended process |
| P | stop a process |

You can maintain multiple processes at the same time.

The equivalent direct command is

`MANAGE PROCESS`

The sort sequence being used by a process is indicated in the Sort Seq column:

| For process type . . . | Sort Seq. contains the descriptor currently being . . . |
|------------------------|---|
| reorder Data Storage | reordered* |
| invert descriptor | inverted |
| reorder Associator | reordered |

* When reordering Data Storage for a file, the default sort sequence is physical sequence or "PHY". Other possible options include "ISN" if the file is to be sorted in ISN order, or the two character descriptor name to sort the file according to the value of the specified descriptor.

The Current RABN/ISN column shows the progress of work:

| For process type . . . | Current RABN/ISN displays the current . . . |
|------------------------|---|
| reorder Data Storage | RABN being processed |
| invert descriptor | ISN, as this function works in ISN sequence |
| reorder Associator | (left blank) |

8

Maintain the User Table



Note: This option is available in Adabas nucleus cluster environments only.

When option "V" (User Table Maintenance) is selected, the following screen is displayed:

```
10:39:29          ***** A D A B A S  BASIC  SERVICES *****          2008-07-14
                  - User Table Maintenance -                          PACIV02

                  Code      Service
                  ----      -
                  C         Begin CLUFREEUSER process
                  ?         Help
                  .         Exit
                  ----      -

Code ..... _
TNA ..... 0_____
UID ..... _____
Force ..... _
Global ..... _

Database ID .. 1955 (WIS1955)          NucID .. 1022

Command ==>
PF1----- PF2----- PF3----- PF4----- PF6----- PF7----- PF8----- PF12-----
Help          Exit          Menu
```

The CLUFREEUSER command is only valid in cluster environments. It can be issued against the local nucleus only or, with the Global option, against all active and inactive nuclei in the cluster.

The command is used to delete leftover user table elements (UTEs) in common storage that are no longer associated with user queue elements (UQEs) in a nucleus where:

| | |
|--------|---|
| TNA | is a decimal number specifying the timeout value in seconds. UTEs that are not used during the time specified may be deleted if other conditions are fulfilled. If TNA is not specified, UTEs may be deleted without regard to their recent use. |
| UID | <p>is a character string or hexadecimal byte string as follows:</p> <p>cccccccc where the argument is 1-8 letters, digits, or embedded '-' signs without surrounding apostrophes.</p> <p>'cccccccc' where the argument is 1-8 characters with surrounding apostrophes.</p> <p>X'xxxxxxxxxxxxxxxxxx' where the argument is an even number of 2-16 hexadecimal digits enclosed by apostrophes and preceded by an X.</p> <p>A character string must be enclosed in apostrophes if it contains characters other than letter, digits, or embedded '-' signs. If a specified character string is less than 8 characters long, it is implicitly padded with blanks. If a specified hexadecimal string is shorter than 16 hexadecimal digits, it is implicitly padded with binary zeros. If the last 8 bytes of a user's 28-byte communication ID match a specific user ID or user ID prefix, that user's UTE may be deleted if other conditions are fulfilled. If UID not specified, UTEs may be deleted regardless of their user IDs.</p> |
| FORCE | Delete leftover UTEs even if the users are due a response code 9, subcode 20. If FORCE is not specified, such UTEs are not deleted. Before using the FORCE parameter, ensure that the users owning the UTEs to be deleted will not expect any of their transactions to remain open. Specify FORCE on this screen by marking the Force field with any character. |
| GLOBAL | Delete leftover UTEs throughout the Adabas cluster if they are no longer associated with UQEs and are eligible according to the other specified parameters. Additionally and subject to the other rules, delete leftover UTEs if their assigned nuclei have terminated since their last use. If GLOBAL is not specified, only UTEs assigned to the local nucleus and used since the nucleus start are eligible for deletion. Specify GLOBAL on this screen by marking the Global field with any character. |

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