



IBM iSeries/AS400 Operations Command Guide

Complements of

Essential Business Resources

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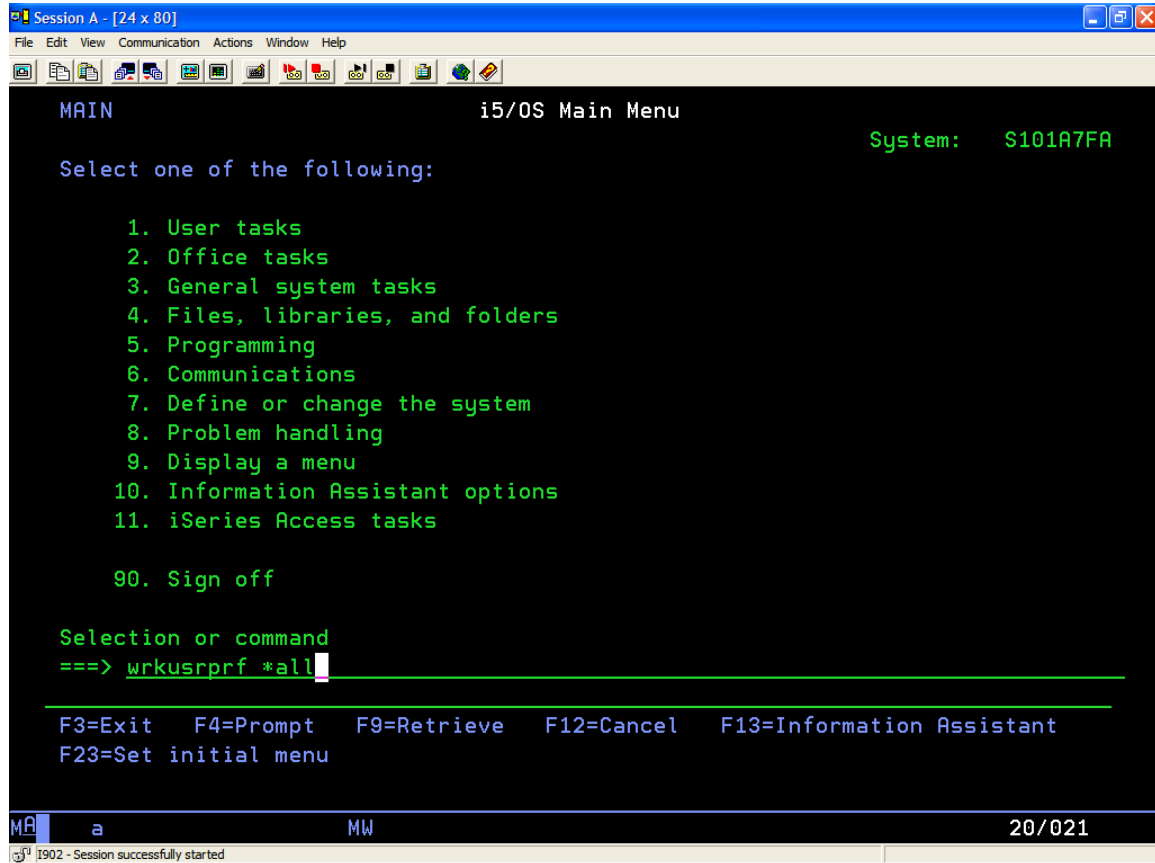
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Work with User Profiles/“WRKURSPRF”: Add, Change, Delete User Profiles

To use this command you must sign on as the Security Officer/”QSECOFR”.
On the command line type “wrkusrprf *all” and press the “ENTER” key.



```
Session A - [24 x 80]
File Edit View Communication Actions Window Help
MAIN                               i5/OS Main Menu                               System:  S101A7FA
Select one of the following:
1. User tasks
2. Office tasks
3. General system tasks
4. Files, libraries, and folders
5. Programming
6. Communications
7. Define or change the system
8. Problem handling
9. Display a menu
10. Information Assistant options
11. iSeries Access tasks
90. Sign off
Selection or command
==> wrkusrprf *all
F3=Exit  F4=Prompt  F9=Retrieve  F12=Cancel  F13=Information Assistant
F23=Set initial menu
MA a MW 20/021
1902 - Session successfully started
```

After pressing ENTER, the screen below is displayed. This screen provides the following options for working with User Profiles:

1. = Create a User Profile - See Page 5
2. = Change a User Profile - See Page 7
3. = Copy a User Profile - See Page 9
4. = Delete a User Profile – NOT RECCOMENDED
5. = Display a User Profile
12. = Work with Objects by Owner

```

Session A - [24 x 80]
File Edit View Communication Actions Window Help
Work with User Profiles

Type options, press Enter.
  1=Create  2=Change  3=Copy  4=Delete  5=Display
 12=Work with objects by owner

  Opt  User Profile  Text
  ---  ---
  ---  MDUNTITLED  IBM DB2 WEB QUERY DEVELOPER AUTHORITY
  ---  MRADMIN     IBM DB2 WEB QUERY ADMINISTRATOR AUTHORITY
  ---  MYSQL       Zend - MySql user profile
  ---  NOBODY      ZendCore PASE User NoBody
  ---  NOGROUP     ZendCore PASE User NOGroup
  ---  QANZAGENT   Trace Analyzer Agent Server
  ---  QAUTPROF    IBM-supplied User Profile
  ---  QBRMS       IBM-supplied User Profile
  ---  QCLUMGT     IBM-supplied User Profile

More...

Parameters for options 1, 2, 3, 4 and 5 or command
==>
F3=Exit  F5=Refresh  F12=Cancel  F16=Repeat position to  F17=Position to
F21=Select assistance level  F24=More keys

MA a MW 09/002
1902 - Session successfully started
  
```

To Add a New User, type a “1” in top Option Input Line and the “User’s Name” in the User Profile Input Line and press the ENTER Key.

```

Session A - [24 x 80]
File Edit View Communication Actions Window Help
Work with User Profiles

Type options, press Enter.
  1=Create  2=Change  3=Copy  4=Delete  5=Display
 12=Work with objects by owner

  User
Opt Profile      Text
 1  NEWUSER
  MDUNTITLED  IBM DB2 WEB QUERY DEVELOPER AUTHORITY
  MRADMIN     IBM DB2 WEB QUERY ADMINISTRATOR AUTHORITY
  MYSQL       Zend - MySql user profile
  NOBODY      ZendCore PASE User NoBody
  NOGROUUP    ZendCore PASE User NOGroup
  QANZAGENT   Trace Analyzer Agent Server
  QAUTPROF    IBM-supplied User Profile
  QBRMS       IBM-supplied User Profile
  QCLUMGT     IBM-supplied User Profile

More...

Parameters for options 1, 2, 3, 4 and 5 or command
==>
F3=Exit  F5=Refresh  F12=Cancel  F16=Repeat position to  F17=Position to
F21=Select assistance level  F24=More keys

MA a MW 09/014
1902 - Session successfully started
  
```

Add a New User Profile

After pressing ENTER, the screen below is displayed. The screen displays the required (minimum) parameters to create a new User Profile. If additional parameters are required, press “F10”.

```

Session A - [24 x 80]
File Edit View Communication Actions Window Help
Create User Profile (CRTUSRPRF)

Type choices, press Enter.

User profile . . . . . > NEWUSER      Name
User password . . . . . *USRPRF   Character value, *USRPRF...
Set password to expired . . . . . *NO      *NO, *YES
Status . . . . . *ENABLED   *ENABLED, *DISABLED
User class . . . . . *USER     *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' . . . . . *BLANK

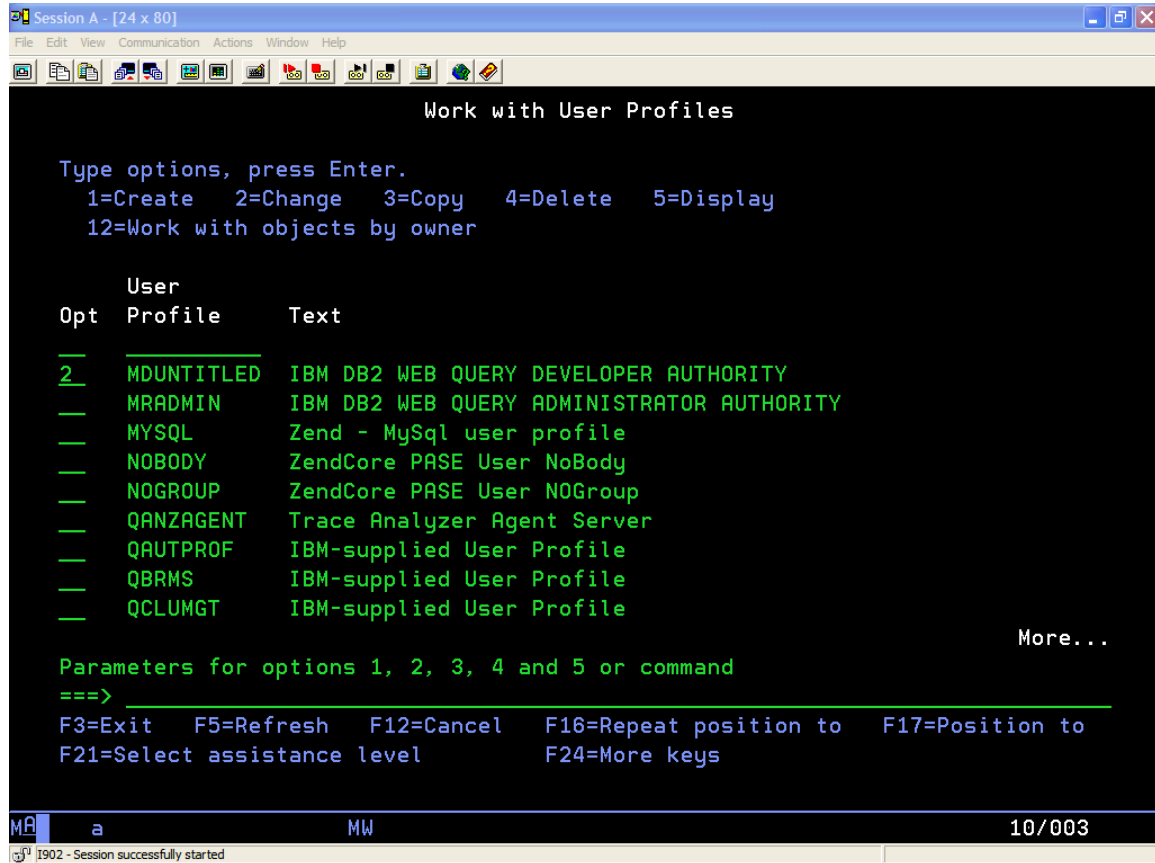
-----

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

MA a MW 05/037
1902 - Session successfully started
  
```

Change a User Profile

To CHANGE a User Profile, type a 2 in the Option Entry Field next to the User Profile you wish to maintain and press ENTER.



```
Session A - [24 x 80]
File Edit View Communication Actions Window Help
Work with User Profiles

Type options, press Enter.
 1=Create  2=Change  3=Copy  4=Delete  5=Display
12=Work with objects by owner

  User
Opt Profile      Text
---
 2 MDUNTITLED    IBM DB2 WEB QUERY DEVELOPER AUTHORITY
  MRADMIN      IBM DB2 WEB QUERY ADMINISTRATOR AUTHORITY
  MYSQL        Zend - MySql user profile
  NOBODY       ZendCore PASE User NoBody
  NOGROUP      ZendCore PASE User NOGroup
  QANZAGENT    Trace Analyzer Agent Server
  QAUTPROF     IBM-supplied User Profile
  QBRMS        IBM-supplied User Profile
  QCLUMGT      IBM-supplied User Profile

More...

Parameters for options 1, 2, 3, 4 and 5 or command
==>
F3=Exit   F5=Refresh   F12=Cancel   F16=Repeat position to   F17=Position to
F21=Select assistance level   F24=More keys

MA a MW 10/003
1902 - Session successfully started
```

Change a User Profile (continued)

After pressing ENTER, the screen below is displayed. The screen displays the minimum parameters. If additional parameters are required, press “F10”.

```

Session A - [24 x 80]
File Edit View Communication Actions Window Help
Change User Profile (CHGUSRPRF)

Type choices, press Enter.

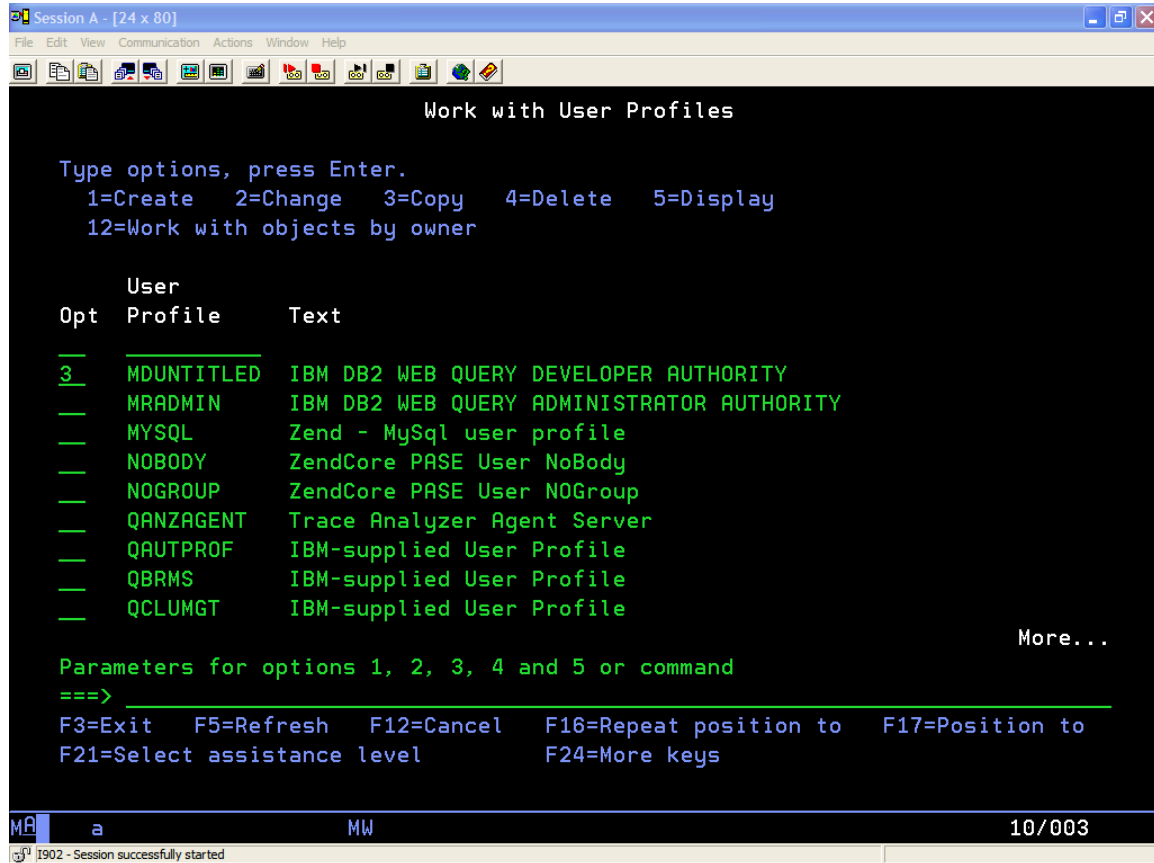
User profile . . . . . > MDUNTITLED   Name
User password . . . . . *SAME      Character value, *SAME, *NONE
Set password to expired . . . . . *NO        *SAME, *NO, *YES
Status . . . . . *ENABLED   *SAME, *ENABLED, *DISABLED
User class . . . . . *USER      *SAME, *USER, *SYSOPR...
Assistance level . . . . . *SYSVAL    *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 . . . . . *LIBL      Name, *LIBL, *CURLIB
Limit capabilities . . . . . *NO        *SAME, *NO, *PARTIAL, *YES
Text 'description' . . . . . 'IBM DB2 WEB QUERY DEVELOPER AUTHORITY'

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

MA a MW 06/037
1902 - Session successfully started
  
```


Copy a User Profile

To COPY a User Profile, type a 3 in the Option Entry Field next to the User Profile you wish to maintain and press ENTER.



```
Session A - [24 x 80]
File Edit View Communication Actions Window Help
Work with User Profiles

Type options, press Enter.
  1=Create  2=Change  3=Copy  4=Delete  5=Display
 12=Work with objects by owner

  User
Opt  Profile      Text
---  -
 3  MDUNTITLED  IBM DB2 WEB QUERY DEVELOPER AUTHORITY
   MRADMIN    IBM DB2 WEB QUERY ADMINISTRATOR AUTHORITY
   MYSQL      Zend - MySql user profile
   NOBODY     ZendCore PASE User NoBody
   NOGROUP    ZendCore PASE User NOGroup
   QANZAGENT  Trace Analyzer Agent Server
   QAUTPROF   IBM-supplied User Profile
   QBRMS      IBM-supplied User Profile
   QCLUMGT    IBM-supplied User Profile

More...

Parameters for options 1, 2, 3, 4 and 5 or command
==>
F3=Exit   F5=Refresh  F12=Cancel  F16=Repeat position to  F17=Position to
F21=Select assistance level      F24=More keys

MA  a          MW          10/003
1902 - Session successfully started
```

Copy a User Profile (continued)

After pressing ENTER, the screen below is displayed. The COPY function duplicates all the User Profile Parameters from the profile selected to the new profile that will be created with the exception of the USER PROFILE Name. The User Profile Name is the only required.

```
Session A - [24 x 80]
File Edit View Communication Actions Window Help
Create User Profile (CRTUSRPRF)

Type choices, press Enter.

User profile . . . . . _____ Name
User password . . . . . *USRPRF _____ Character value, *USRPRF...
Set password to expired . . . . . > *NO _____ *NO, *YES
Status . . . . . > *ENABLED _____ *ENABLED, *DISABLED
User class . . . . . > *USER _____ *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' . . . . . > 'IBM DB2 WEB QUERY DEVELOPER AUTHORITY' _____

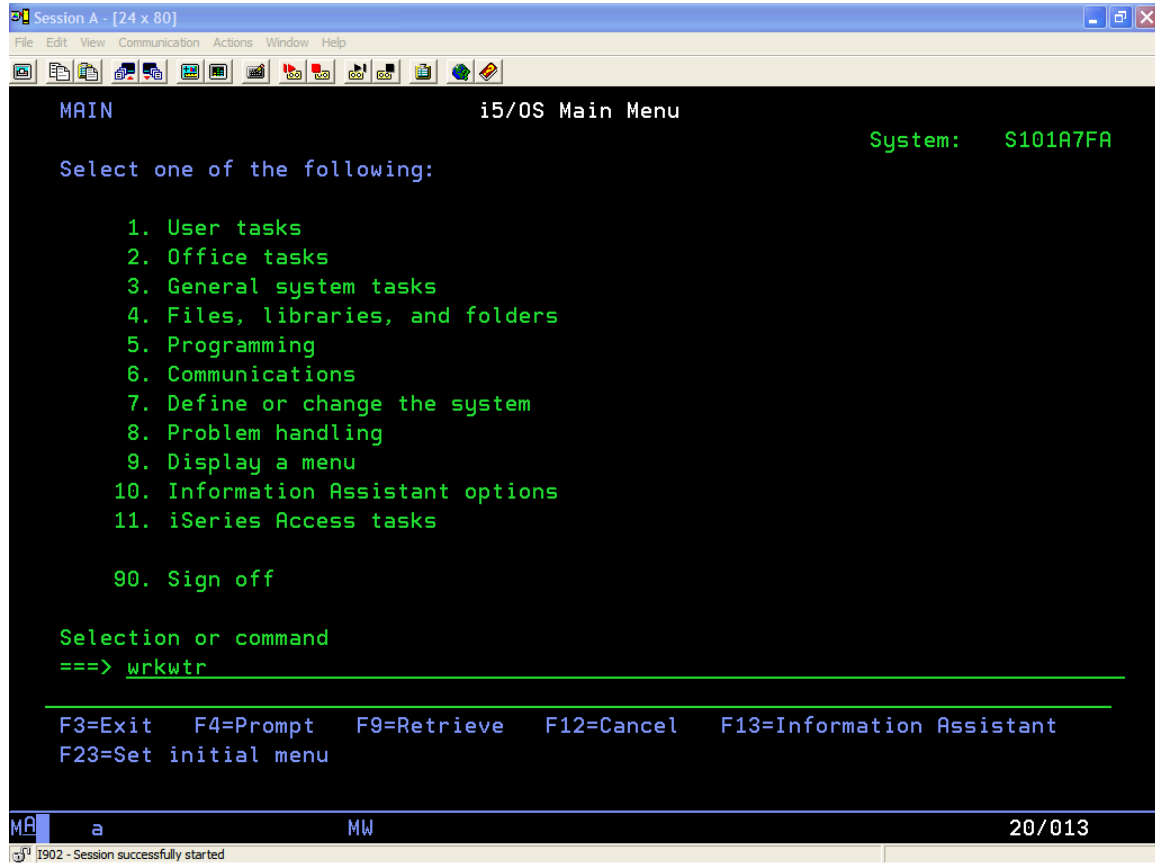
More...

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

MA a MW 05/037
1902 - Session successfully started
```

Work with Writers/WRKWTR - Manage Printers

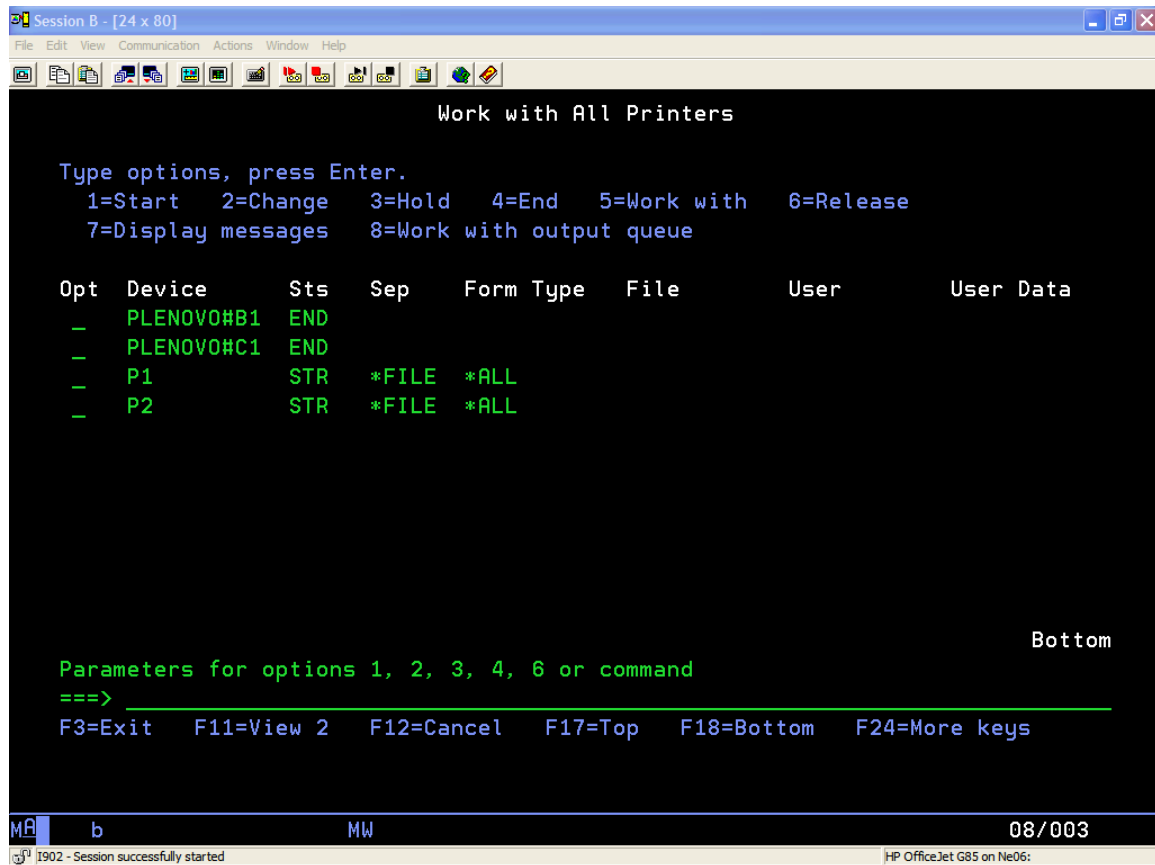
On the command line type “wrkwtr” and press the “ENTER” key.



```
Session A - [24 x 80]
File Edit View Communication Actions Window Help
MAIN i5/OS Main Menu System: S101A7FA
Select one of the following:
1. User tasks
2. Office tasks
3. General system tasks
4. Files, libraries, and folders
5. Programming
6. Communications
7. Define or change the system
8. Problem handling
9. Display a menu
10. Information Assistant options
11. iSeries Access tasks
90. Sign off
Selection or command
==> wrkwtr
-----
F3=Exit F4=Prompt F9=Retrieve F12=Cancel F13=Information Assistant
F23=Set initial menu
MA a MW 20/013
1902 - Session successfully started
```

Work with Writers/WRKWTR - Printers (continued)

After pressing ENTER, the screen below is displayed. Each Printer attached to the system is listed with its status. The printer control options are listed across the top of the display. To change a printer's status enter the desired function option number in the Option/"Opt" entry field and press ENTER.



```
Session B - [24 x 80]
File Edit View Communication Actions Window Help
Work with All Printers

Type options, press Enter.
  1=Start  2=Change  3=Hold  4=End  5=Work with  6=Release
  7=Display messages  8=Work with output queue

Opt Device      Sts  Sep  Form Type  File      User      User Data
-  PLENOVO#B1  END
-  PLENOVO#C1  END
-  P1          STR  *FILE *ALL
-  P2          STR  *FILE *ALL

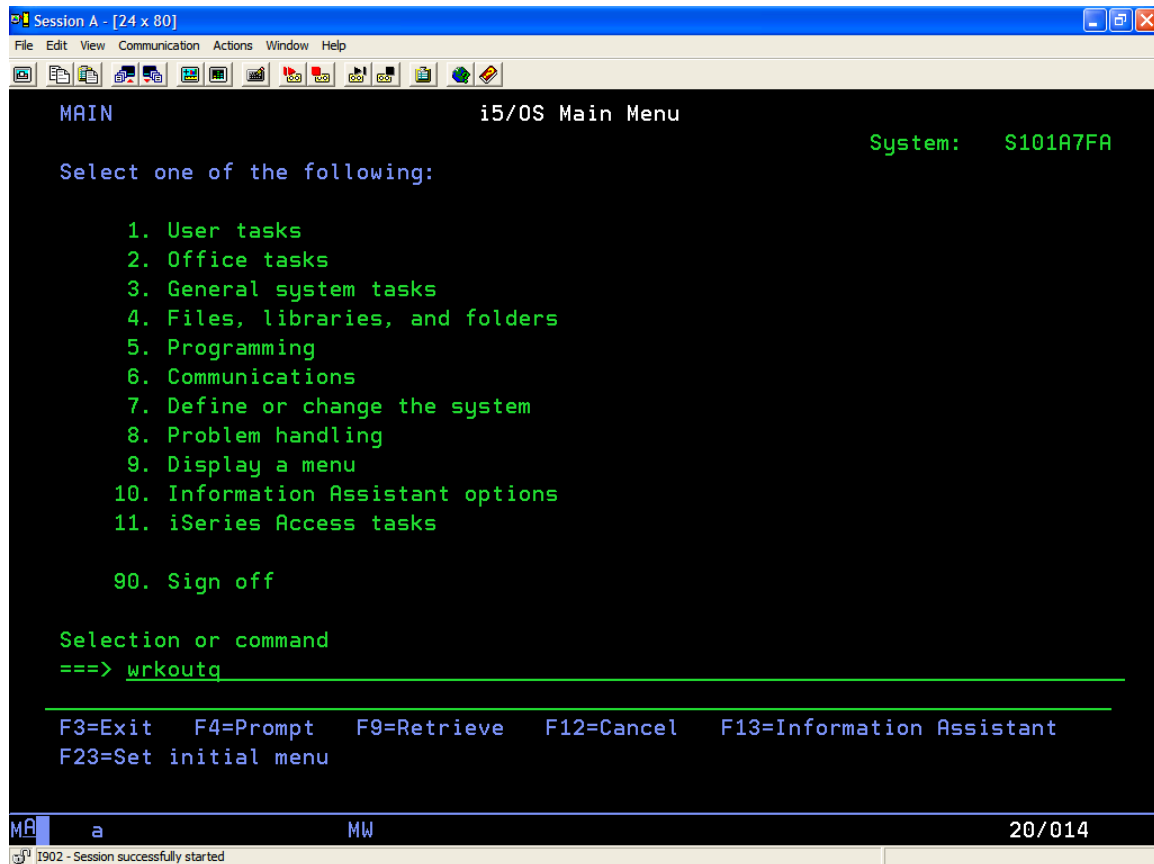
Bottom

Parameters for options 1, 2, 3, 4, 6 or command
===>
F3=Exit  F11=View 2  F12=Cancel  F17=Top  F18=Bottom  F24=More keys

MA  b  MW  08/003
1902 - Session successfully started  HP OfficeJet G85 on Ne06:
```

Work with Output Queues/WRKOUTQ - Manage Reports to be Printed

On the command line type “wrkusrprf *all” and press the “ENTER” key

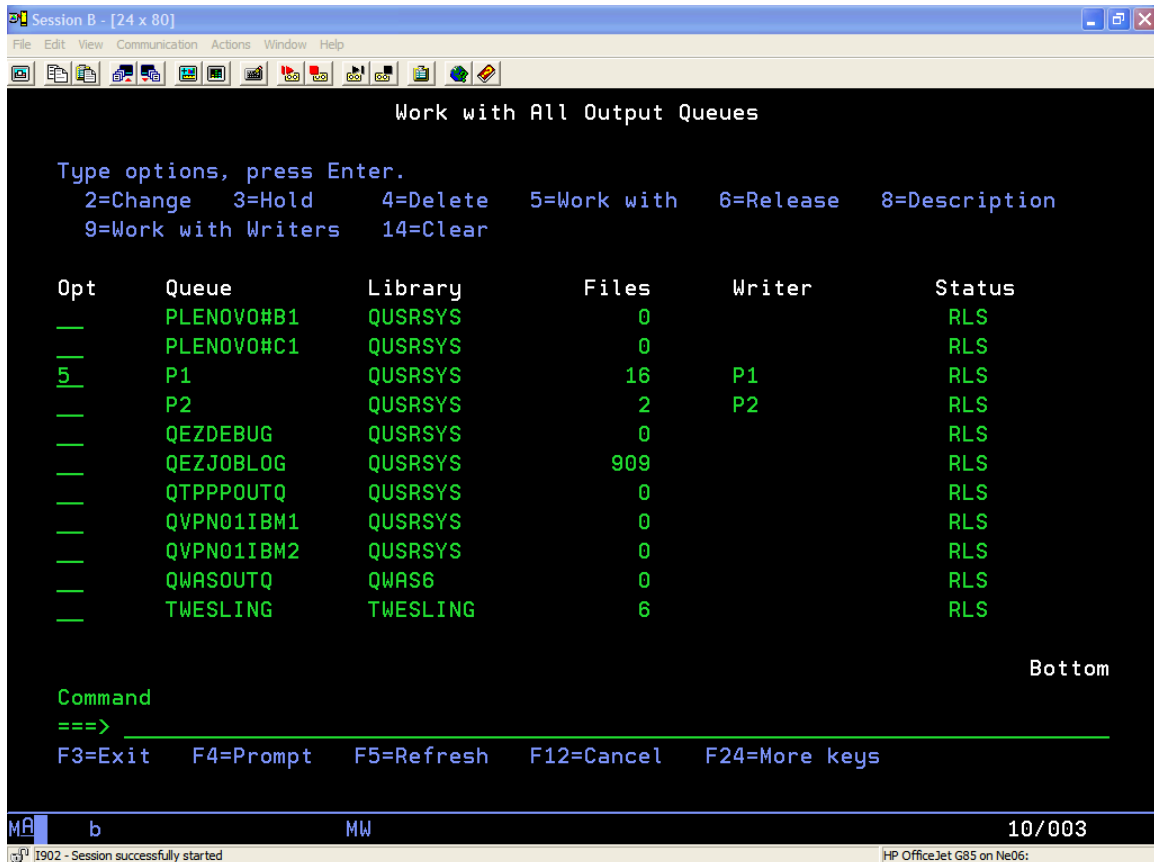


```
Session A - [24 x 80]
File Edit View Communication Actions Window Help
MAIN                               i5/OS Main Menu                               System:  S101A7FA
Select one of the following:
1. User tasks
2. Office tasks
3. General system tasks
4. Files, libraries, and folders
5. Programming
6. Communications
7. Define or change the system
8. Problem handling
9. Display a menu
10. Information Assistant options
11. iSeries Access tasks
90. Sign off
Selection or command
==> wrkoutq
-----
F3=Exit  F4=Prompt  F9=Retrieve  F12=Cancel  F13=Information Assistant
F23=Set initial menu
MA  a                               MW                               20/014
1902 - Session successfully started
```

Work with Output Queues/WRKOUTQ - Manage Reports to be Printed (continued)

After pressing ENTER, the screen below is displayed. Each Output Queue/"Outq" configured on the system is listed with its status and the name of the Writer (i.e. Printer) it is attached. The Outq's control options are listed across the top of the display.

To display the Files (i.e. Reports) on the Queue to be printed, type an Option "5" in the Option/"Opt" entry field and press ENTER.



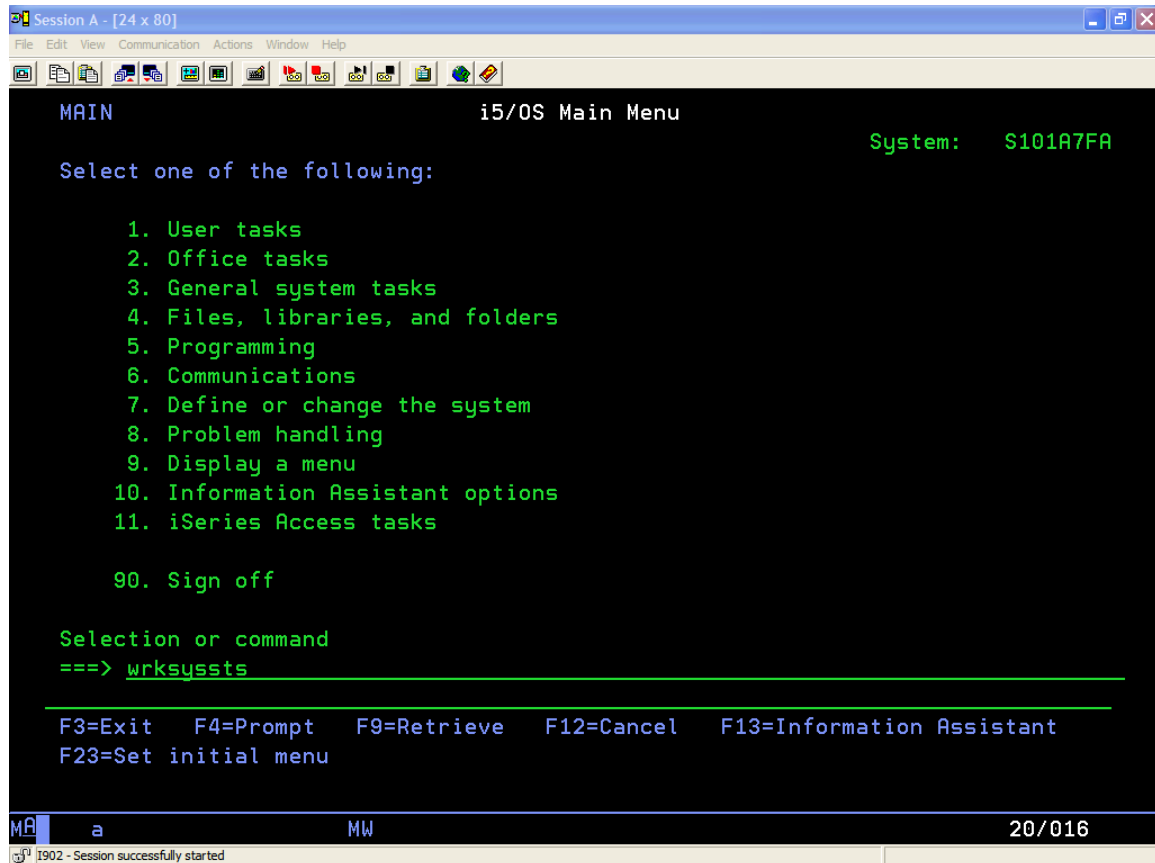
Work with Output Queues/WRKOUTQ - Manage Reports to be Printed (continued)

After pressing ENTER, the screen below is displayed. All reports in the Queue are listed with their associated status. The OUTQ control options are listed across the top of the display. To change a report's status enter the desired function option number in the Option/"Opt" entry field and press ENTER

```
Session B - [24 x 80]
File Edit View Communication Actions Window Help
Work with Output Queue
Queue: P1 Library: QUSRSYS Status: RLS/WTR
Type options, press Enter.
 1=Send 2=Change 3=Hold 4=Delete 5=Display 6=Release 7=Messages
 8=Attributes 9=Work with printing status
Opt File User User Data Sts Pages Copies Form Type Pty
- QPRINT QSYS OPN 0 1 *STD 5
- LIST YPC APCHK HLD 8 1 *STD 5
- PR0R25 CNV PAYCALC HLD 6 1 *STD 7
- PR0RDV CNV PAYCALC HLD 1 1 *STD 7
- PR0R50A CNV PRFINISH HLD 5 1 *STD 7
- PR0R50B CNV PRFINISH HLD 2 1 *STD 7
- PR0R52 CNV PRFINISH HLD 2 1 *STD 7
- PR0R20 CNV PAYCALC HLD 5 1 *STD 7
- PR0R35 CNV PAYCALC HLD 5 1 *STD 7
More...
Parameters for options 1, 2, 3 or command
==>
F3=Exit F11=View 2 F12=Cancel F20=Writers F22=Printers
F24=More keys
MA b MW 10/003
1902 - Session successfully started HP OfficeJet G85 on Ne06:
```

Work with System Status/WRKSYSSTS - View System Activity and Status

On the command line type “wrksyssts” and press the “ENTER” key to prompt the command.



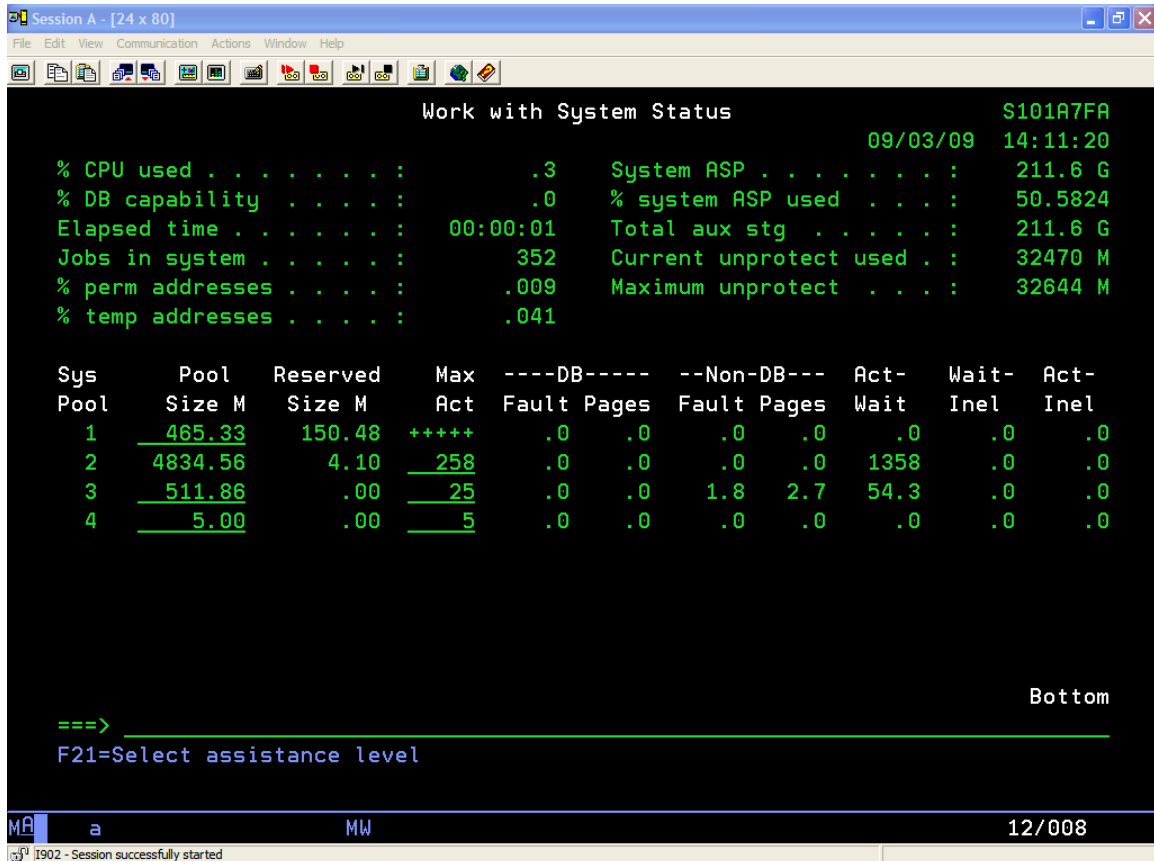
The screenshot shows a terminal window titled "Session A - [24 x 80]" with a menu titled "i5/OS Main Menu". The menu lists 11 options and 90. The command "wrksyssts" is entered and highlighted. The system ID "S101A7FA" is displayed in the top right. A status bar at the bottom shows "MA a MW 20/016" and a message "I902 - Session successfully started".

```
Session A - [24 x 80]
File Edit View Communication Actions Window Help
MAIN                               i5/OS Main Menu                               System:  S101A7FA
Select one of the following:
1. User tasks
2. Office tasks
3. General system tasks
4. Files, libraries, and folders
5. Programming
6. Communications
7. Define or change the system
8. Problem handling
9. Display a menu
10. Information Assistant options
11. iSeries Access tasks
90. Sign off
Selection or command
==> wrksyssts
-----
F3=Exit  F4=Prompt  F9=Retrieve  F12=Cancel  F13=Information Assistant
F23=Set initial menu
MA a MW 20/016
I902 - Session successfully started
```


Work with System Status/WRKSYSSTS - View System Activity and Status (continued)

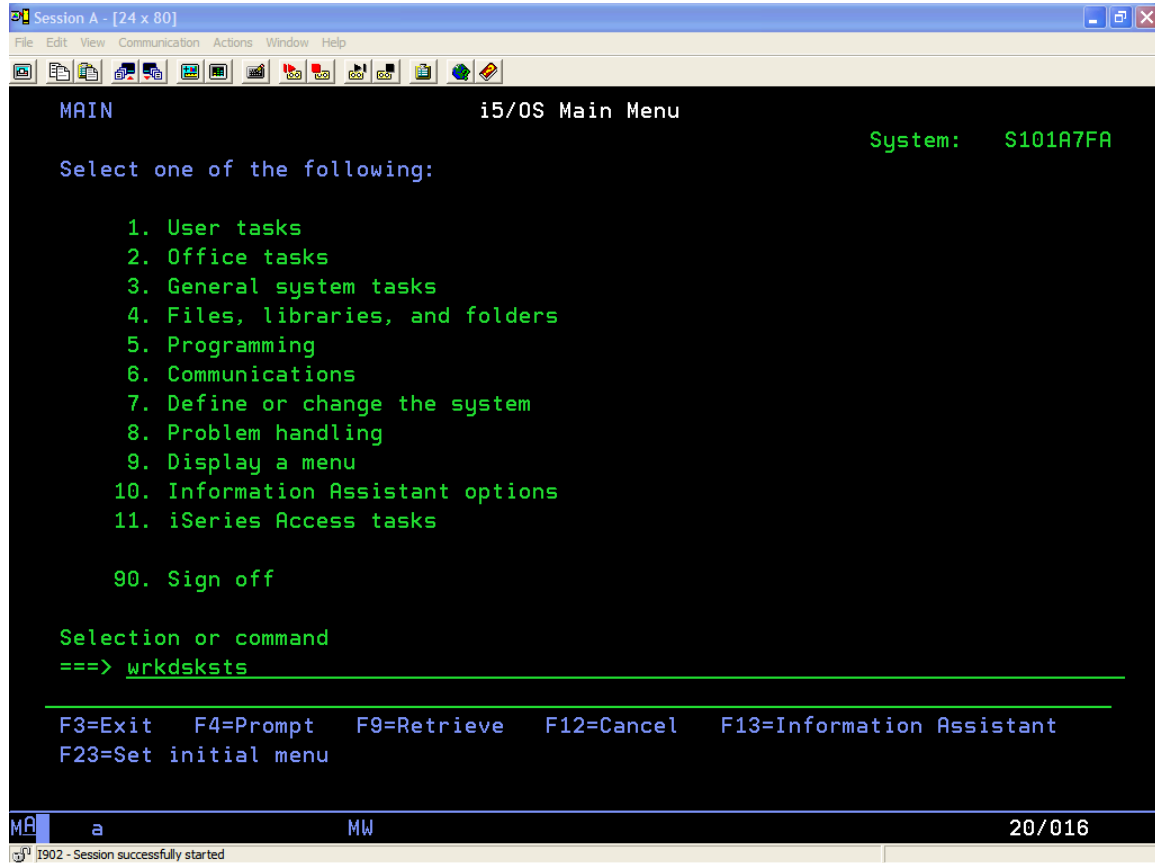
After pressing ENTER, the screen below is displayed.

The Work with System Status display shows a group of statistics that depicts the current status of the system. It displays the number of jobs currently in the system, the total capacity of the system auxiliary storage pool (ASP), the percentage of the system ASP storage currently in use, the amount of temporary storage currently in use, the maximum amount of temporary storage space required since the last initial program load (IPL), the percentage of machine addresses used, and statistical and reference information related to each storage pool that currently has main storage allocated to it. The statistical information is gathered during an identified time interval (shown as the elapsed time); the data can either be updated by extending the measurement time interval, or it can be reset and a new time interval can be started to gather a new set of data.



Work with Disk Status/WRKDSKSTS - View Disk Status

On the command line type “wrkdsksts” and press the “ENTER” key



The screenshot shows a terminal window titled "Session A - [24 x 80]" with a menu titled "i5/OS Main Menu". The menu lists 11 options, with "90. Sign off" at the bottom. The command "wrkdsksts" has been entered at the prompt. The system ID "S101A7FA" is displayed in the top right. A status bar at the bottom shows "MA a MW 20/016" and a message "1902 - Session successfully started".

```
MAIN                                     i5/OS Main Menu                               System:  S101A7FA

Select one of the following:

    1. User tasks
    2. Office tasks
    3. General system tasks
    4. Files, libraries, and folders
    5. Programming
    6. Communications
    7. Define or change the system
    8. Problem handling
    9. Display a menu
   10. Information Assistant options
   11. iSeries Access tasks

    90. Sign off

Selection or command
==> wrkdsksts

-----
F3=Exit  F4=Prompt  F9=Retrieve  F12=Cancel  F13=Information Assistant
F23=Set initial menu

MA a MW 20/016
1902 - Session successfully started
```

Work with Disk Status/WRKDSKSTS - View Disk Status (continued)

After pressing ENTER, the screen below is displayed.

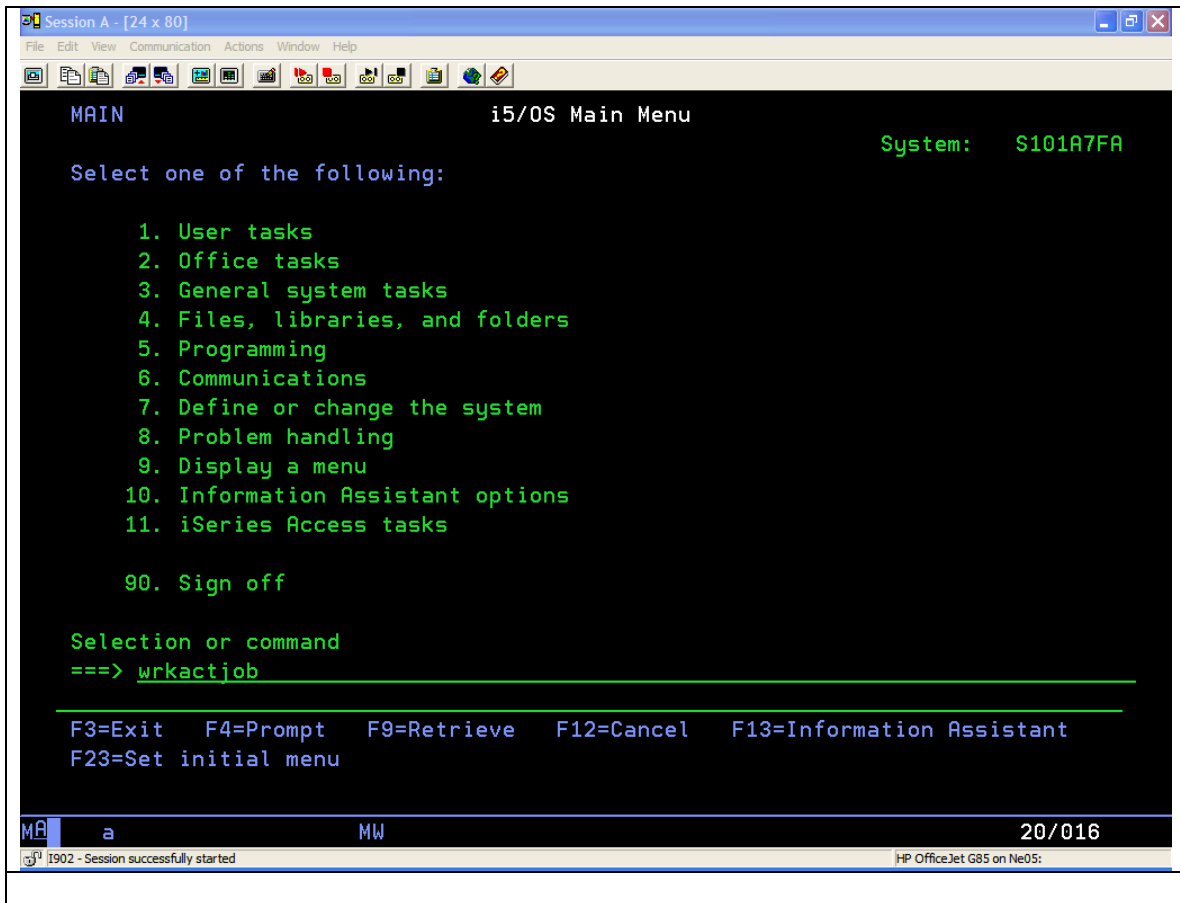
The Work with Disk Status display shows performance and status information about the disk units on the system. It displays the number of units currently on the system, the type of each disk unit, the size of disk space, whether the disk is currently on the system, the percentage of disk space used, the I/O requests per second, the average size of the I/O requests, the average number of read and write requests, the average amount of data read and written, and the percentage of time the disk is being used.

When F11=Display storage use is pressed, additional information is displayed such as the auxiliary storage pool (ASP), status, and protected and unprotected storage information.

```
Session A - [24 x 80]
File Edit View Communication Actions Window Help
Work with Disk Status
S101A7FA
09/03/09 14:21:30
Elapsed time: 00:00:00
Unit Type Size (M) % Used I/O Rqs Request Size (K) Read Rqs Write Rqs Read (K) Write (K) % Busy
1 4327 52923 50.5 .0 .0 .0 .0 .0 .0 0
2 4327 52923 50.5 .0 .0 .0 .0 .0 .0 0
3 4327 52923 50.5 .0 .0 .0 .0 .0 .0 0
4 4327 52923 50.5 .0 .0 .0 .0 .0 .0 0
Command
==>
F3=Exit F5=Refresh F12=Cancel F24=More keys
Bottom
MA a MW 22/007
1902 - Session successfully started
```

Work with Active Jobs/WRKACTJOB - View Active Jobs

To view active jobs, Type the “wrkactjob” command on the command line and press “ENTER”.



The screenshot shows a terminal window titled "Session A - [24 x 80]" with a menu titled "i5/OS Main Menu". The menu lists 11 options, with "90. Sign off" at the bottom. The user has entered the command "wrkactjob" at the "Selection or command" prompt. The system ID "S101A7FA" is displayed in the top right. A status bar at the bottom shows "MA a MW" and "20/016".

```
Session A - [24 x 80]
File Edit View Communication Actions Window Help
MAIN                               i5/OS Main Menu                               System:  S101A7FA
Select one of the following:
1. User tasks
2. Office tasks
3. General system tasks
4. Files, libraries, and folders
5. Programming
6. Communications
7. Define or change the system
8. Problem handling
9. Display a menu
10. Information Assistant options
11. iSeries Access tasks
90. Sign off
Selection or command
==> wrkactjob
-----
F3=Exit  F4=Prompt  F9=Retrieve  F12=Cancel  F13=Information Assistant
F23=Set initial menu
MA a MW 20/016
HP OfficeJet G85 on Ne05:
I902 - Session successfully started
```

Work with Active Jobs/WRKACTJOB - View Active Jobs (continued)

The screen below will be displayed. Scroll Down and find subsystem name “QINTER”. All interactive jobs (signed-on users) will be listed below QINTER. You will see the “Current User” Names for each job.

```
Session A - [24 x 80]
File Edit View Communication Actions Window Help

Work with Active Jobs                                     S101A7FA
                                                         08/03/09 13:06:02
CPU %:          .0    Elapsed time: 00:00:00    Active jobs: 304
Current
Opt  Subsystem/Job  User      Type  CPU %  Function      Status
---  ---           ---      ---   ---    ---           ---
---  SCHED          QNOTES   BCI    .0     PGM-SCHED     SELW
---  SERVER         QNOTES   BCI    .0     PGM-SERVER    SELW
---  SMTP           QNOTES   BCI    .0     PGM-SMTP      SELW
---  UPDATE        QNOTES   BCI    .0     PGM-UPDATE    SELW
---  QBATCH        QSYS     SBS    .0
---  QCMN          QSYS     SBS    .0     DEQW
---  QCTL          QSYS     SBS    .0     DEQW
---  QSYSSCD       QPGMR    BCH    .0     PGM-QEZSCNEP  EVTW
---  QHTTSPVR      QSYS     SBS    .0     DEQW
---  ZENDCORE      QTMHHTTP BCH    .0     PGM-QZHBMAIN  SIGW
---  ZENDCORE      QTMHHTTP BCI    .0     PGM-QZSRLOG   SIGW
---  ZENDCORE      QTMHHTTP BCI    .0     PGM-QZSRLOG   SIGW
---  ZENDCORE      QTMHHTTP BCI    .0     PGM-QZSRHTTP  SIGW
---  ZENDCORE      QTMHHTTP BCI    .0     PGM-QZSRHTTP  DEQW
---  QINTER        QSYS     SBS    .0     DEQW
More...
==>
F21=Display instructions/keys

MA  a      MW      06/002
1902 - Session successfully started      HP OfficeJet G85 on Ne05:
```

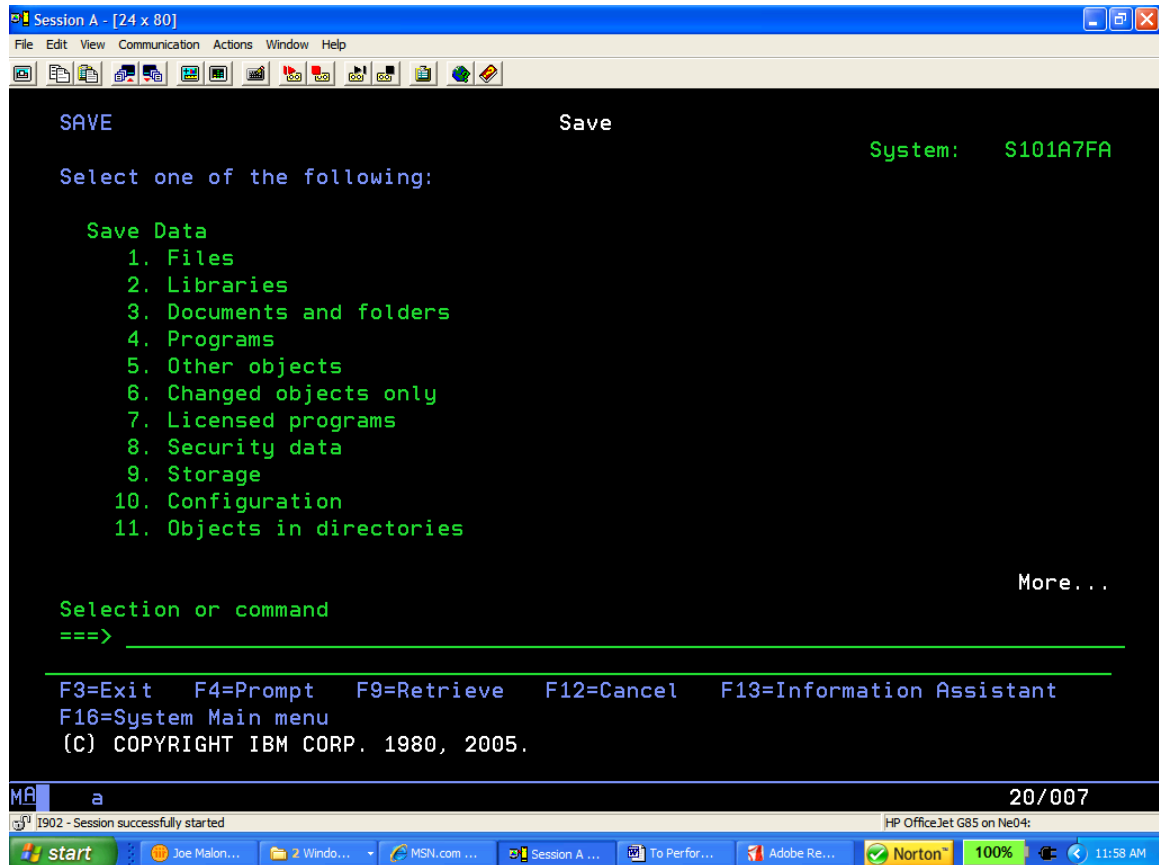
To Perform a System Save - “Option 21 from the SAVE Menu”

To access the “SAVE” System Menu enter “go save” on the command line and press enter.

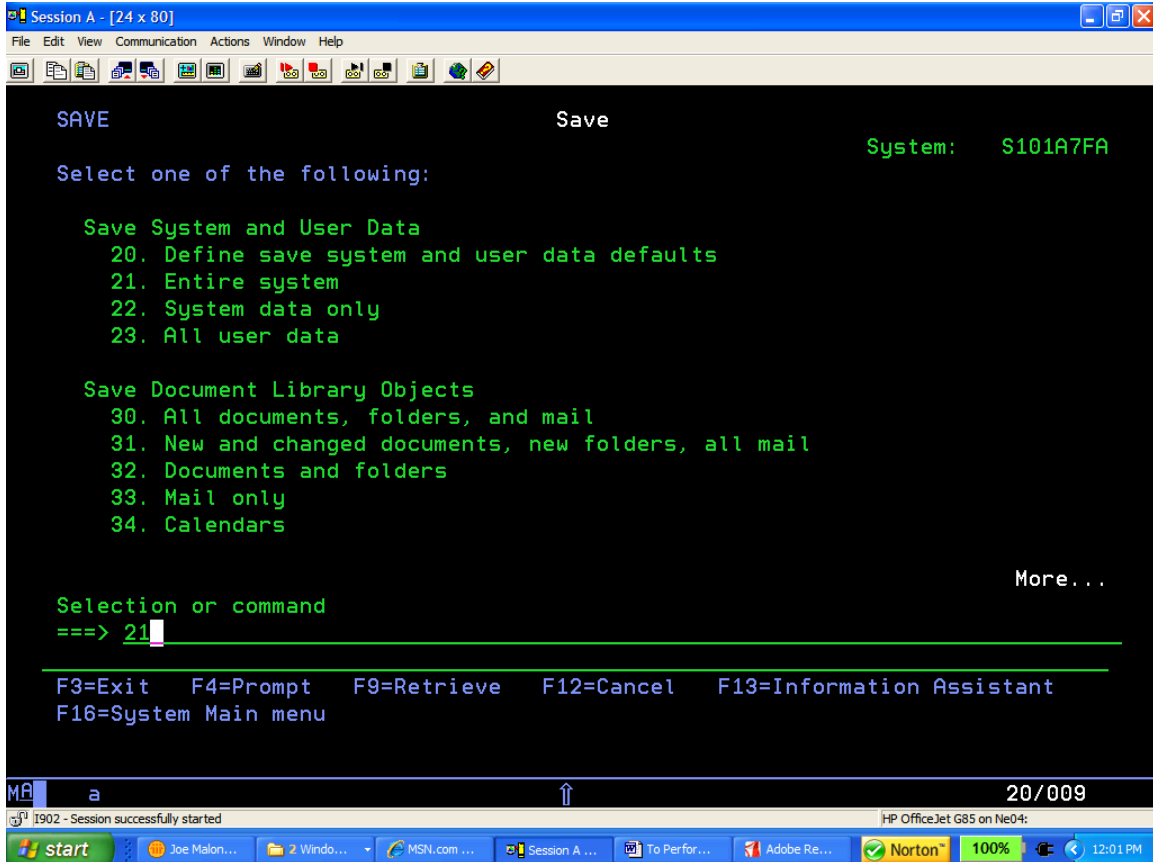
```
Session A - [24 x 80]
File Edit View Communication Actions Window Help
MAIN                               i5/OS Main Menu                               System:  S101A7FA
Select one of the following:
1. User tasks
2. Office tasks
3. General system tasks
4. Files, libraries, and folders
5. Programming
6. Communications
7. Define or change the system
8. Problem handling
9. Display a menu
10. Information Assistant options
11. iSeries Access tasks
90. Sign off
Selection or command
==> go save
-----
F3=Exit  F4=Prompt  F9=Retrieve  F12=Cancel  F13=Information Assistant
F23=Set initial menu
(C) COPYRIGHT IBM CORP. 1980, 2005.
MA a 20/014
1902 - Session successfully started HP OfficeJet G85 on Ne04:
start Joe Malon... 2 Windo... MSN.com ... Session A ... To Perfor... Adobe Re... Norton 100% 11:56 AM
```

The “SAVE” Menu below is displayed.

Press “PAGE DOWN” Key to display more menu options. (go to next page)



The screen below is displayed. Enter “21” on the command line and press enter.
(go to next page)



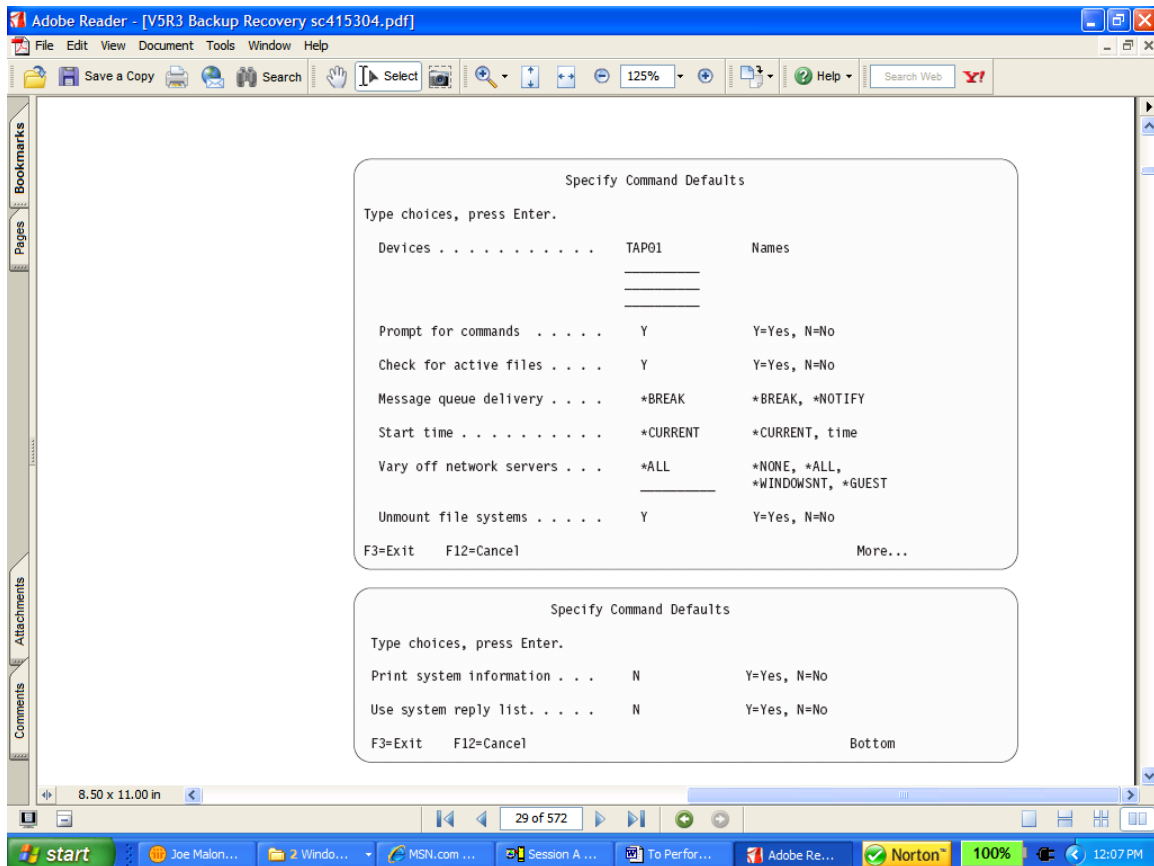
After pressing enter, the screen below will be displayed.

An initialized tape should be loaded in the tape drive.

The command variables that should be changed are:

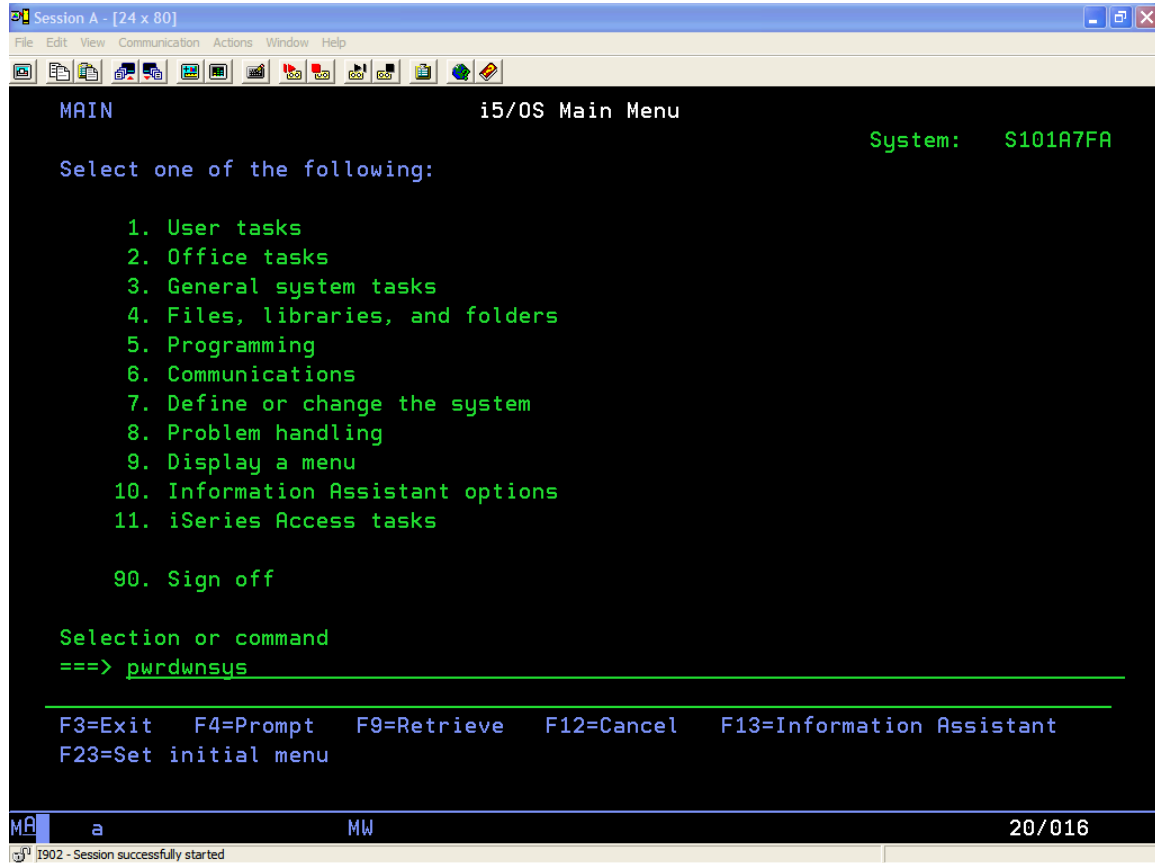
- “Prompt for command” - set this variable to “N” for No
- “Check for active files” - set this variable to “N” for No
- “Message queue delivery – set this variable to “*NOTIFY”

Press enter begin the SAVE.



Power Down System/PWRDWN SYS

On the command line type “pwrdwntsys” and press the “F4” key to prompt the command.



```
Session A - [24 x 80]
File Edit View Communication Actions Window Help
MAIN                               i5/OS Main Menu                               System:  S101A7FA
Select one of the following:
1. User tasks
2. Office tasks
3. General system tasks
4. Files, libraries, and folders
5. Programming
6. Communications
7. Define or change the system
8. Problem handling
9. Display a menu
10. Information Assistant options
11. iSeries Access tasks
90. Sign off
Selection or command
==> pwrdwntsys
-----
F3=Exit  F4=Prompt  F9=Retrieve  F12=Cancel  F13=Information Assistant
F23=Set initial menu
MA a MW 20/016
1902 - Session successfully started
```

Power Down System/PWRDWNSYS (continued)

After pressing F4, the screen below is displayed.

```
Power Down System (PWRDWNSYS)

Type choices, press Enter.

How to end . . . . . *CNTRLD      *CNTRLD, *IMMED
Controlled end delay time . . . 3600          Seconds, *NOLIMIT
Restart options:
  Restart after power down . . . *NO         *NO, *YES
  Restart type . . . . . *IPLA        *IPLA, *SYS, *FULL
  IPL source . . . . . *PANEL        *PANEL, A, B, D, *IMGCLG

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

MA a 05/037
```

Specifies whether the system allows the active subsystem to end processing of active jobs in a controlled manner (which lets the application program perform end processing), or whether the system ends the jobs immediately. In either case, the system does perform certain job-cleanup functions.

*CNTRLD

The subsystem, in the time specified by the Controlled end delay time (DELAY) parameter ends all active jobs in a controlled manner. During that time, programs running in those jobs are allowed to perform cleanup (end-of-job processing). When a job being ended has a

signal handling procedure for the asynchronous signal SIGTERM, the SIGTERM signal is generated for that job. If the possibility exists that an active job could begin to loop or send an inquiry message to QSYSOPR, you should specify a time delay using the DELAY parameter.

*IMMED

The subsystem ends all active jobs immediately. When a job being ended has a signal handling procedure for the asynchronous signal SIGTERM, the SIGTERM signal is generated for that job and the QENDJOB LMT system value specifies a time limit. Other than by handling the SIGTERM signal, the programs running in those jobs are not allowed to perform any cleanup. A minimum amount of time is required when *IMMED is specified. The amount of time allowed for cleanup when *IMMED is specified is controlled by the system values QENDJOB LMT and QPWRDWN LMT.

Note: The *IMMED value might cause undesirable results if data has been partially updated. This value should be used only after a controlled end has been attempted unsuccessfully.

Note: When *IMMED is specified while the system is operating under auxiliary power, or if the delay time specified in the Controlled end delay time (DELAY) parameter ends while the system is under auxiliary power, the system is immediately powered-down without additional job cleanup activity.

Controlled end delay time (DELAY) - Help

Specifies the amount of time, in seconds, that the system allows a controlled end to be performed by the active subsystems. If the end of job routines are not finished in the specified delay time, any remaining jobs are ended immediately.

3600

The amount of time in which to complete a controlled end of processing is limited to 3600 seconds.

*NOLIMIT

The system does not power down until the last job is

complete.

Note: If *NOLIMIT is specified, a batch job could begin to loop, and the system does not power down.

1-99999

Specify the maximum amount of delay time, in seconds, in which a controlled end can be performed.

Restart after power down (RESTART) - Help

Specifies whether the system ends and powers down, or whether the system ends and then starts again in unattended mode.

The second element of this parameter specifies the point from which the initial program load (IPL) restarts. Specifying *SYS rather than *FULL can reduce the time required to restart the system.

Element 1: Restart after power down

*NO

The system ends and powers down.

*YES

If the system is on utility power, it undergoes end of processing (but does not power down) and then does an abbreviated IPL. If the system is on auxiliary power, it powers down and an automatic-IPL occurs when utility power is restored (if QPWRRSTIPL system value is set to '1'). When the system starts again or when an automatic-IPL occurs, the IPL proceeds in an unattended mode. In unattended mode, displays such as the IPL options display are not shown.

Element 2: Restart type

*IPLA

The value specified on the Change IPL Attributes (CHGIPLA) command is used. To determine the current setting for this value, use the Display IPL Attributes (DSPIPLA) command.

*SYS

The operating system is restarted. The hardware will only be restarted when required by the system.

***FULL**

All portions of the system, including the hardware, are restarted.