

Fujitsu Software BS2000 SPOOL V04.9

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Readme file

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1 Introduction

This Readme file contains the changes and extensions for SPOOL V4.9A, implemented after manual publication.

1.1 Related manual

The changes described below concern the following manual:

- [1] Spool & Print Commands (BS2000/OSD)
Order number U25561-J-Z125-4-76
Issued: Mai 2005

2 Software extensions

2.1 New command SHOW-PRINT-JOB-INFORMATION

The SHOW-PRINT-JOB-INFORMATION command shows information about print jobs. The print jobs can be selected by specifying for example their creation date.

This is the solution for change request A0611162 which asked for a possibility to display the creation date of print jobs and using the creation date as selection criteria.

The command supports structured output in S variables and text output to SYSOUT, SYSLST and Console.

Notes

The command can be executed only by TSOS users.

The subsystems SPOOL and RSO do not have to be loaded.

Format

SHOW-PRINT-JOB-INFORMATION

Alias: **SHPRJI**

```

SELECT = *ALL / *PARAMETERS (...)
*PARAMETERS (...)
  | TSN = *ANY / <alphanum-name 1..4>
  | ,FORM-NAME = *ANY / <alphanum-name 1..6 with-wild(24)> / list-poss(16): <alphanum-name 1..6>
  | ,SPOOLOUT-NAME = *ANY / <alphanum-name 1..8 with-wild(24)> / list-poss(16): <alphanum-name 1..8>
  | ,PRIORITY = *ANY / <integer 30...255> / *RANGE(...)
    *RANGE(...)
      | LOW = 30 / <integer 30...255>
      | HIGH = 255 / <integer 30...255>
  | ,DESTINATION = *ANY / *CENTRAL / *REMOTE / <alphanum-name 1..8 with-wild(24)> /
    list-poss(16): <alphanum-name 1..8>
  | ,REQUESTOR-TSN = *ANY / <alphanum-name 1..4>
  | ,USER-IDENTIFICATION = *ANY / < name 1..8 with-wild(24)> / list-poss(16): < name 1..8>
  | ,ACCOUNT = *ANY / <alphanum-name 1..8 with-wild(24)> / list-poss(16): <alphanum-name 1..8>
  | ,CREATION-DATE = *ANY / *TODAY / *YESTERDAY / <integer -9999..0> / <date> / *INTERVAL(...)
    *INTERVAL(...)
      | FROM = *ANY / *TODAY / *YESTERDAY / <integer -9999..0> / <date>
      | ,TO = *ANY / *TODAY / *YESTERDAY / <integer -9999..0> / <date>

,OUTPUT = *SYSOUT / *SYSLST / *CONSOLE / *NONE
,STRUCTURE-OUTPUT = *SYSINF / structured-name_1..20(...) / *NONE
  structured-name_1..20(...)
  | WRITE-MODE = *REPLACE / *EXTEND
,COLUMN-1 = *TSN / *USERID / *ACCOUNT / *PNAME / *PRI / *RTSN / *DESTINATION / *FORM / *CREATION-DATE
,SORTING-ORDER = *ASCENDING / *DESCENDING

```

Operands

SELECT =

Selection criteria for spoolout jobs on which information is to be output.

SELECT = ***ALL**

Information is to be output on all print jobs.

SELECT = *PARAMETERS (...)

Selection criteria for print jobs on which information is to be output.

The standard value *ANY means always that there is no restriction concerning the corresponding criteria.

TSN = *ANY / <alphanum-name 1..4>

Task sequence numbers of the print job on which information is to be output.

FORM-NAME = *ANY / <alphanum-name 1..6 with-wild(24)> / list-poss(16): <alphanum-name 1..6>

Form names of the print jobs on which information is to be output.

SPOOLOUT-NAME = *ANY / <alphanum-name 1..8 with-wild(24)> / list-poss(16): <alphanum-name 1..8>

Spoolout names of the print jobs on which information is to be output.

PRIORITY = *ANY / <integer 30...255> / *RANGE(...)

Information is to be output on print jobs with priorities within the specified range.

PRIORITY = <integer 30...255>

Information on print jobs with the specified priority is to be output.

PRIORITY = *RANGE(LOW=... , HIGH=...)

Priority range. Range specifications are inclusive of the limit values.

LOW = 30 / <integer 30..255>

Lower limit of the range.

HIGH = 255 / <integer 30..255>

Upper limit of the range.

DESTINATION = *ANY / *CENTRAL / *REMOTE / <alphanum-name 1..8 with-wild(24)> / list-poss(16): <alphanum-name 1..8>

Information is to be output on print jobs of the specified type or printer name.

DESTINATION = *CENTRAL

Information is to be output on print jobs whose destination is the central Spool.

DESTINATION = *REMOTE

Information is to be output on print jobs whose destination is RSO.

DESTINATION = <alphanum-name 1..8 with-wild(24)> /

list-poss(16): <alphanum-name 1..8>

Information is to be output on print jobs whose destination is the specified printer.

REQUESTOR-TSN = *ANY / <alphanum-name 1..4>

Task sequence number of the task which created the print job is a selection criteria.

USER-IDENTIFICATION = *ANY / < name 1..8 with-wild(24)> / list-poss(16): < name 1..8>

User IDs of print jobs on which information is to be output.

ACCOUNT = *ANY / <alphanum-name 1..8 with-wild(24)> / list-poss(16): <alphanum-name 1..8>

Account numbers of print jobs on which information is to be output.

CREATION-DATE = *ANY / *TODAY / *YESTERDAY / <integer -9999..0> / <date> / *INTERVAL (...)

Returns information on print jobs on the basis of their creation date.

Note: Dates before the 1.1.2000 are rejected.

CREATION-DATE = *TODAY

Information is to be output on print jobs created at today's date.

CREATION-DATE = *YESTERDAY

Information is to be output on print jobs created at yesterday's date.

CREATION-DATE = <integer -9999..0> / <date>

Information is to be output on print jobs which were created on the specified date.

The date can be specified either as a relative date value by number of days from today's date, in the form -n for dates in the past (5 digits, with preceding sign) or 0 for today, or in the form YY-MM-DD (YY = year, MM = month, DD = day).

CREATION-DATE = *INTERVAL (FROM=... , TO=...)

Information is to be output on print jobs created within the specified time period. The upper and lower limits are both included in the specified range. It is also

possible to specify limits using only operand FROM (lower limit) or TO (upper limit).

Whichever of the operands is not specified will be replaced by the default value for use as the limit of the range. The use of range limits for information output can only be meaningful if the chosen lower limit \leq the upper limit.

FROM = *ANY / *TODAY / *YESTERDAY / <integer -9999..0> / <date>

Returns information on print jobs created after the specified date (i.e. CREATION-DATE \geq specified date).

FROM = *TODAY

Returns information on print jobs created at the present day.

FROM = *YESTERDAY

Returns information on the print jobs created after the preceding day.

FROM = <integer -9999..0> / <date>

Returns information on print jobs created after the specified date.

TO = *ANY / *TODAY / *YESTERDAY / <integer -9999..0> / <date>

Returns information on print jobs created up to the specified date (i.e. CREATION-DATE \leq specified date).

TO = *TODAY

Returns information on print jobs created up to present day.

TO = *YESTERDAY

Returns information on print jobs created until preceding day.

TO = <integer -9999..0> / <date>

Returns information on print jobs created until the specified date.

OUTPUT = *SYSOUT / *SYSLST / *CONSOLE / *NONE

The OUTPUT operand defines the output medium for the text-output.

OUTPUT = *SYSOUT

The text-output will be routed to SYSOUT.

OUTPUT = *SYSLST

The text-output will be routed to SYSLST.

OUTPUT = *CONSOLE

The text-output will be routed to console.

OUTPUT = *NONE

The text-output will be suppressed.

STRUCTURE-OUTPUT = *SYSINF / <structured-name 1..20> (...) / *NONE

Controls structured output to S variables.

STRUCTURE-OUTPUT = *SYSINF

Structured output is directed to the S variable stream SYSINF.

STRUCTURE-OUTPUT = <structured-name 1..20> (WRITE-MODE=...)

Structured output is directed to the specified S variable.

WRITE-MODE = *REPLACE / *EXTEND

Defines whether the output should replace or complement the current content of the S variable.

WRITE-MODE = *REPLACE

The current content of the S variable is replaced by the new output.

Note: The S variable will be declared by the command. An already existing variable with same name will get deleted and newly declared.

WRITE-MODE = *EXTEND

The new output extends the current content of the S variable.

STRUCTURE-OUTPUT = *NONE

No structured output takes place.

COLUMN-1 = *TSN / *USERID / *ACCOUNT / *PNAME / *PRI / *RTSN / *DESTINATION / *FORM / *DATE

The parameter controls the sequence of columns and lines in the text-output to SYSOUT, SYSLST and console. The specified value is displayed in the first column and the lines are sorted before output.

COLUMN-1 = *TSN

Task sequence number of the print jobs is displayed in column 1 and the text-output is sorted by it.

COLUMN-1 = *USERID

User ID of the print jobs is displayed in column 1 and the text-output is sorted by it.

COLUMN-1 = *ACCOUNT

Account number of the print jobs is displayed in column 1 and the text-output is sorted by it.

COLUMN-1 = *PNAME

Spoolout name of the print jobs is displayed in column 1 and the text-output is sorted by it.

COLUMN-1 = *PRI

Priority of the print jobs is displayed in column 1 and the text-output is sorted by it.

COLUMN-1 = *RTSN

Task sequence number of the print job owner is displayed in column 1 and the text-output is sorted by it.

COLUMN-1 = *DESTINATION

Destination is displayed in column 1 and the text-output is sorted by it.

COLUMN-1 = *FORM

Form name is displayed in column 1 and the text-output is sorted by it.

COLUMN-1 = *DATE

Creation date and creation time are displayed in column 1 and the text-output is sorted by it.

SORTING-ORDER = *ASCENDING / *DESCENDING

The parameter determines the sorting order of text-output.

SORTING-ORDER = *ASCENDING

The text-output is sorted from the lowest to the highest value.

SORTING-ORDER = *DESCENDING

The text-output is sorted from the highest to the lowest value.

Return codes

(SC2)	SC1	Maincode	Bedeutung
0	0	CMD0001	No errors Guaranteed message: SCP0947
0	1	CMD0202	Syntax error
0	64	CMD0080	Date selection before 1.1.2000 is not allowed
2	0	SCP0932	No corresponding print job found
2	64	SCP0975	No authorization for command

Outputs

There are various output formats depending on what is specified at operand COLUMN-1. The meanings of the output fields are listed in a table after the output formats.

Sequence of columns for text-output if COLUMN-1=*TSN is specified

```
TSN  USERID  ACCOUNT  PNAME    PRI  RTSN  DESTINATION  FORM  CRE.DATE + TIME
eeee eeeeeeee eeeeeeee eeeeeeee eee eeee eeeeeeeeeeeee eeeee JJJJ-MM-TT SS:MM
```

Sequence of columns for text-output if COLUMN-1=*USERID is specified

```
USERID  TSN  ACCOUNT  PNAME    PRI  RTSN  DESTINATION  FORM  CRE.DATE + TIME
eeeeeee eeee eeeeeeee eeeeeeee eee eeee eeeeeeeeeeeee eeeee JJJJ-MM-TT SS:MM
```

Sequence of columns for text-output if COLUMN-1=*ACCOUNT is specified

```
ACCOUNT  TSN  USERID  PNAME    PRI  RTSN  DESTINATION  FORM  CRE.DATE + TIME
eeeeeeee eeee eeeeeeee eeeeeeee eee eeee eeeeeeeeeeeee eeeee JJJJ-MM-TT SS:MM
```

Sequence of columns for text-output if COLUMN-1=*PNAME is specified

```
PNAME    TSN  USERID  ACCOUNT  PRI  RTSN  DESTINATION  FORM  CRE.DATE + TIME
eeeeeeee eeee eeeeeeee eeeeeeee eee eeee eeeeeeeeeeeee eeeee JJJJ-MM-TT SS:MM
```

Sequence of columns for text-output if COLUMN-1=*PRI is specified

```
PRI  TSN  USERID  ACCOUNT  PNAME    RTSN  DESTINATION  FORM  CRE.DATE + TIME
eee eeee eeeeeeee eeeeeeee eeeeeeee eeee eeeeeeeeeeeee eeeee JJJJ-MM-TT SS:MM
```

Sequence of columns for text-output if COLUMN-1=*RTSN is specified

```
RTSN  TSN  USERID  ACCOUNT  PNAME    PRI  DESTINATION  FORM  CRE.DATE + TIME
eeee eeee eeeeeeee eeeeeeee eeeeeeee eee eeeeeeeeeeeee eeeee JJJJ-MM-TT SS:MM
```

Sequence of columns for text-output if COLUMN-1=*DESTINATION is specified

```
DESTINATION  TSN  USERID  ACCOUNT  PNAME    PRI  RTSN  FORM  CRE.DATE + TIME
eeeeeeeeeeee eeee eeeeeeee eeeeeeee eeeeeeee eee eeee eeeee JJJJ-MM-TT SS:MM
```

Sequence of columns for text-output if COLUMN-1=*FORM is specified

```
FORM  TSN  USERID  ACCOUNT  PNAME    PRI  RTSN  DESTINATION  CRE.DATE + TIME
eeeeee eeee eeeeeeee eeeeeeee eeeeeeee eee eeee eeeeeeeeeeeee JJJJ-MM-TT SS:MM
```

Sequence of columns for text-output if COLUMN-1=*CREATION-DATE is specified

```
CRE.DATE + TIME  TSN  USERID  ACCOUNT  PNAME    PRI  RTSN  DESTINATION  FORM
JJJJ-MM-TT SS:MM eeee eeeeeeee eeeeeeee eeeeeeee eee eeee eeeeeeeeeeeee eeeee
```


Meaning of the output fields

Output field	Meaning / contents
TSN	Task sequence number of the print job
USERID	User ID under which the print job is to be executed
ACCOUNT	Account number under which the print job is to be executed
PNAME	SPOOLOUT name of the print job
PRI	Priority of the print job
RTSN	TSN of the task which issued the print job
DESTINATION	Device name of the requested printer or *CENTRAL
FORM	Form with which the print job must be processed
CRE.DATE + TIME	Date and time the print job was accepted

Output in S variables

Output information	Name of the S Variable	T	Contents
TSN of the print job	var(*LIST).TSN	S	<tsn>
User ID under which the print job is to be executed	var(*LIST).USER-ID	S	<user-id>
Account number under which the print job is to be executed	var(*LIST).ACCOUNT		' / <account>
Name of the print job	var(*LIST).SPOOLOUT-NAME	S	' / <SPOOLOUT-Name>
Form name	var(*LIST).FORM-NAME	S	<form-name>
Priority of the print job	var(*LIST).PRI	S	30..255
Spoolout class	var(*LIST).PRINT-JOB-CLASS	S	0..255
TSN of the print job owner	var(*LIST).RTSN	S	<tsn>
Destination of the print job	var(*LIST).DESTINATION	S	*CENTRAL / *REMOTE
Name of the RSO printer	var(*LIST).DEV-NAME	S	' / printer name if DESTINATION=*REMOTE
Creation date	var(*LIST).RDATE	S	<yyyy-mm-dd>
Creation time	var(*LIST).RTIME	S	<hh:mm>
File type	var(*LIST).FILE-TYPE	S	*DMS / *PLM / *UFS
File name	var(*LIST).FILE-NAME	S	' / <path-name> if FILE-TYPE=*DMS / *UFS
Library name	var(*LIST).LIBRARY-NAME	S	' / <path-name> if FILE-TYPE=*PLM
Element name	var(*LIST).ELEMENT-NAME	S	' / <element-name> if FILE-TYPE=*PLM
Element type	var(*LIST).ELEMENT-TYPE	S	' / <element-type> if FILE-TYPE=*PLM
Size of the file (in PAM pages)	var(*LIST).F-SIZE	S	0.. 2147483647
Access method (FCB type)	var(*LIST).ACCESS-METHOD	S	*BTAM / *EAM / *ISAM / *PAM / *SAM / *TAPE
Coded Character Set of the print file	var(*LIST).CCS-NAME	S	' / <name 1..8>
Name of the Server	var(*LIST).SERVER-NAME	S	*HOME / <server-name>
Name of the host	var(*LIST).HOST-NAME	S	<host-name>
Degree by which the pages are rotated before printing	var(*LIST).ROT	S	0 / 90 / 180 / 270 / 0/180 / 90/270 / 180/0 / 270/90 / *NO / *YES
Interpretation of the control characters	var(*LIST).CONTR-CHAR	S	' / *APA / *LINE / *LOG / *NO / *PHYS / *TRAN
Number of copies requested	var(*LIST).ADD-COP	S	0..255
Number of page copies requested	var(*LIST).PAGE-COP	S	0..255
Name of the FOB data overlay	var(*LIST).FOB-NAME	S	' / <name>
Size of the FOB data overlay	var(*LIST).FOB-SIZE	S	<integer>
Name of the DIA file	var(*LIST).DIA-NAME	S	' / <name>
Mail address of the print job owner's user ID	var(*LIST).MAIL-ADDRESS	S	' / <c-string 1-64>

Examples

Example 1: Output of print jobs accepted on 1.2.2018 to SYSOUT.

```
/show-print-job-information select=*parameters(creation-date=18-02-01)
%TSN  USERID  ACCOUNT  PNAME      PRI RTSN DESTINATION FORM  CRE.DATE + TIME
%7584 TSOS     ADMINSTR IMON       128 7583 *CENTRAL  STD   2018-02-01 07:02
%7592 TSOS     ADMINSTR IMON       128 7591 *CENTRAL  STD   2018-02-01 11:07
%7595 TSOS     ADMINSTR IMON       128 7594 *CENTRAL  STD   2018-02-01 11:12
%7598 TSOS     ADMINSTR IMON       128 7597 *CENTRAL  STD   2018-02-01 11:22
%7603 TSOS     ADMINSTR IMON       128 7602 *CENTRAL  STD   2018-02-01 12:06
%7606 TSOS     ADMINSTR IMON       128 7605 *CENTRAL  STD   2018-02-01 12:08
%7612 TSOS     ADMINSTR IMON       128 7611 *CENTRAL  STD   2018-02-01 12:51
%7615 TSOS     ADMINSTR IMON       128 7614 *CENTRAL  STD   2018-02-01 12:53
% SCP0947 8 JOBS FOUND WITH 48 PAM PAGES. COMMAND TERMINATED
```

Example 2: Output of RSO print jobs with SPOLOUT-NAME= TEST01 created between 1.2.2018 and 31.5.2018 to SYSOUT.

```
/show-print-job-information select=*parameters(spoolout-name=test01,
destination=*remote,creation-date=*interval(from=18-02-01,to=18-05-31))
%TSN  USERID  ACCOUNT  PNAME      PRI RTSN DESTINATION FORM  CRE.DATE + TIME
%2587 TSOS     ADMINSTR TEST01    210 2585 PRINTER2  HP80  2018-05-17 09:49
%2944 TSOS     ADMINSTR TEST01    210 2936 PRINTER3  STD   2018-05-31 13:56
%7640 TSOS     ADMINSTR TEST01    210 7636 PRINTER2  STD   2018-02-02 13:42
%9567 TSOS     ADMINSTR TEST01    210 9564 PRINTER1  STD   2018-03-27 08:34
%9569 TSOS     ADMINSTR TEST01    210 9563 PRINTER1  HP80  2018-03-27 09:18
%9718 TSOS     ADMINSTR TEST01    210 9715 PRINTER1  STD   2018-04-03 13:57
% SCP0947 6 JOBS FOUND WITH 29 PAM PAGES. COMMAND TERMINATED
```

*Example 3: Output of print jobs waiting for printout one week or longer to console. The text-output is sorted by creation date.
The current date in this example was 24.8.2018.*

```
/getjv $sysjv.date
%18-08-24236
/show-print-job-information select=*param(creation-date=*interval(to=-7)),output=
*console,column-1=*date
/
```

The text-output was redirected to console:

```
%7955-000.135818 %CRE.DATE + TIME TSN  USERID  ACCOUNT  PNAME      PRI RTSN DESTINATION FORM
%7955-000.135818 %2018-08-07 10:15 7481 AUFTR  A4712    R27208  210 7477 *CENTRAL  FR2
%7955-000.135818 %2018-08-15 10:16 7716 AUFTR  A4711    R17246  210 7713 *CENTRAL  FR1
%7955-000.135818 %2018-08-15 12:01 7719 AUFTR  A4711    R17247  210 7714 *CENTRAL  FR1
%7955-000.135818 %2018-08-15 13:18 7721 AUFTR  A4711    R17248  210 7714 *CENTRAL  FR1
%7955-000.135818 % SCP0947 4 JOBS FOUND WITH 12 PAM PAGES. COMMAND TERMINATED
```

Example 4: Structured output of information about print job with TSN 7100 to S variable TSN7100. The S variable is created by the SHOW-PRINT-JOB-INFORMATION command.

```
/show-print-job-information tsn=7100,structure-output=tsn7100,output=*no
/show-variable tsn7100
TSN7100(*LIST).TSN = 7100
TSN7100(*LIST).USER-ID = TSOS
TSN7100(*LIST).ACCOUNT = ADMINSTR
TSN7100(*LIST).SPOLOUT-NAME = SPJI01
TSN7100(*LIST).FORM-NAME = STD
TSN7100(*LIST).PRI = 210
TSN7100(*LIST).PRINT-JOB-CLASS = 1
TSN7100(*LIST).RTSN = 7099
TSN7100(*LIST).DESTINATION = *CENTRAL
TSN7100(*LIST).DEV-NAME =
```

```

TSN7100(*LIST).RDATE = 2018-07-23
TSN7100(*LIST).RTIME = 13:45
TSN7100(*LIST).FILE-TYPE = *PLM
TSN7100(*LIST).FILE-NAME =
TSN7100(*LIST).LIBRARY-NAME = :S20B:$TSOS.SYSDOC.REWAS.020.OSS
TSN7100(*LIST).ELEMENT-NAME = LICENSE.CURL.7.52.1.TXT
TSN7100(*LIST).ELEMENT-TYPE = X
TSN7100(*LIST).F-SIZE = 1
TSN7100(*LIST).ACCESS-METHOD = *PAM
TSN7100(*LIST).CCS-NAME =
TSN7100(*LIST).SERVER-NAME = *HOME
TSN7100(*LIST).HOST-NAME = MB183020
TSN7100(*LIST).ROT = *NO
TSN7100(*LIST).CONTR-CHAR = *NO
TSN7100(*LIST).ADD-COP = 0
TSN7100(*LIST).PAGE-COP = 0
TSN7100(*LIST).FOB-NAME =
TSN7100(*LIST).FOB-SIZE = 0
TSN7100(*LIST).DIA-NAME =
TSN7100(*LIST).MAIL-ADDRESS = SYSTEM ADMINISTRATOR

```

Example 5: Output of information about print jobs which have to be processed with FORM=HP80 on device PRINTER1 to SYSOUT and into S variable VAR1 by assigning stream SYSINF to the S variable. The S variable VAR1 must be created by the user.

```

/declare-variable var1,type=structure,multiple-elements=*list
/assign-stream stream-name=sysinf,to=*variable(variable-name=var1)
/show-print-job-info form-name=hp80,dest=printer1,column-1=date
%CRE.DATE + TIME  TSN  USERID  ACCOUNT  PNAME  PRI  RTSN  DESTINATION  FORM
%2018-03-27 09:18  9569  TSOS    ADMINSTR  TEST01  210  9563  PRINTER1    HP80
% SCP0947 1 JOBS FOUND WITH 1 PAM PAGES. COMMAND TERMINATED
/show-variable var1
VAR1(*LIST).TSN = 9569
VAR1(*LIST).USER-ID = TSOS
VAR1(*LIST).ACCOUNT = ADMINSTR
VAR1(*LIST).SPOOLOUT-NAME = TEST01
VAR1(*LIST).FORM-NAME = HP80
VAR1(*LIST).PRI = 210
VAR1(*LIST).PRINT-JOB-CLASS = 1
VAR1(*LIST).RTSN = 9563
VAR1(*LIST).DESTINATION = *REMOTE
VAR1(*LIST).DEV-NAME = PRINTER1
VAR1(*LIST).RDATE = 2018-03-27
VAR1(*LIST).RTIME = 09:18
VAR1(*LIST).FILE-TYPE = *DMS
VAR1(*LIST).FILE-NAME = :S20B:$TSOS.BULLETIN
VAR1(*LIST).LIBRARY-NAME =
VAR1(*LIST).ELEMENT-NAME =
VAR1(*LIST).ELEMENT-TYPE =
VAR1(*LIST).F-SIZE = 1
VAR1(*LIST).ACCESS-METHOD = *SAM
VAR1(*LIST).CCS-NAME =
VAR1(*LIST).SERVER-NAME = *HOME
VAR1(*LIST).HOST-NAME = MB183020
VAR1(*LIST).ROT = *NO
VAR1(*LIST).CONTR-CHAR = *NO
VAR1(*LIST).ADD-COP = 0
VAR1(*LIST).PAGE-COP = 0
VAR1(*LIST).FOB-NAME =
VAR1(*LIST).FOB-SIZE = 0
VAR1(*LIST).DIA-NAME = D1
VAR1(*LIST).MAIL-ADDRESS = SYSTEM ADMINISTRATOR

```