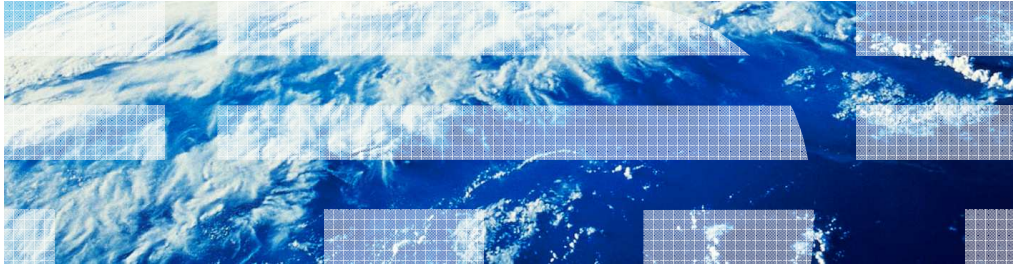


# z/OS V1R13

## ServerPac enhancements



## Session objectives

- New ServerPac Dialog Changes
  - User Defined datasets
  - Re-sequence user jobs
- Program Directories being delivered in PDF format
  - Both physical and internet orders will be delivered as a file in the order
- New Product Customization
  - z/OSMF (z/OS Management Facility) 5655-S28
- Barcodes on Tapes (GA)
  - For GA barcodes on the label will be added to every deliverable tape (ServerPac and CBPDO)

PDF Pgmdirs will be delivered on DVDs for GA for physical orders and from a link to the Pubcenter for electronic orders

## Overview (1 of 5)

- Problem Statement / Need Addressed
  - In the ServerPac Modify System layout dialogs you could not insert or delete or manipulate user defined datasets.
- Solution
  - ServerPac dialogs being enhanced to allow to insert/delete and manipulate user defined datasets in the Modify System Layout dialogs
- Benefit / Value
  - Make it easier to define and manipulate user datasets in a ServerPac configuration, which can be saved and carried forward to a future ServerPac install

Panel changes identified in Usage and Invocation foils

## Overview (2 of 5)

- Problem Statement / Need Addressed
  - In the ServerPac dialogs you could not save a user defined job and keep it in the same sequence in your configuration.
- Solution
  - ServerPac dialogs being enhanced to allow to keep the same location if a user defined job is added and saved in dialogs
- Benefit / Value
  - Makes it easier to keep user defined jobs in the sequence they need to be run in future ServerPac installs

## Overview (3 of 5)

- Problem Statement / Need Addressed
  - Provide program directories in a better viewable/printable format
- Solution
  - Deliver program directories in PDF format
    - On a DVD for Physical media
    - As links to Pubcenter files provided on download page for Internet GA orders
    - In dataset xxx.PGMDIR in the order content. An in xxx.PDFPD for ServerPac. Will need to FTP the dataset (as binary) to workstation to view the pgmdirs.
- Benefit / Value
  - PDF format is a better viewable/printable format
  - Aids paper-less goal

## Overview (4 of 5)

- ServerPac added additional z/OSMF support for new applications
  - Software Deployment – security WLM transaction class member, variables
  - DASD Management – security, variables
  - Capacity Provisioning – not configured, security commented out
  - ISPF – security, variables

## Overview (5 of 5)

- Problem Statement / Need Addressed
  - Provide easier handling of tapes and eliminate manual tape label entry into tape systems
- Solution
  - Deliver all tapes with a barcode on the label
- Benefit / Value
  - Reduces tape handling and operator handling

## Usage and invocation

- User datasets – dialog panel changes
  - Panel CPPP605T – Options M (merge data set summary), S (shipped and merge data set summary), U (user data set summary) being removed
  - Panel CPPP605R new category 'Data Set Origin'
  - Panel CPPP605S two new values – IBM – User Defined
  - Panel CPPP605U can insert line commands insert/delete
  - Panel CPPP605I – new field 'Data Set Category'





## Usage and invocation – Panel CPPP605T

```
Session B - [24 x 80]
File Edit View Communication Actions Window Help
CPPP605T ----- Modify System Layout ( 0D001007 ) -----
OPTION ==> _

      A Create a Recommended System Layout (Automatically assign target and
        DLIB data sets to physical volumes by data set type)

      C View and change data sets by selected attributes
      T View and change device type table (DEVT)

      D Data Set Summary (SUMD)
      V Physical Volume Summary (SUMP)
      L Logical Volume Summary (SUML)

      P Product, Feature and Element Summary

----- Session Control Options -----
      K Keep Changes made in this dialog session so far (SAVE)
      B Back Out changes from this dialog session (CANCEL)

b A 02/013
Connected to remote server/host bldsdmm.boulder.ibm.com using luipool.SOMTCP70 and port 23
```



## Usage and invocation – Panel CPPP605R

Session B - [24 x 80]

File Edit View Communication Actions Window Help

CPPP605R ----- Select Data Set View ( 0D001007 ) -- Row 1 to 14 of 33  
COMMAND ==> \_ SCROLL ==> CSR

Select a Data Set List View:

Primary Commands: (?)  
Line Commands: (Select)

S	Display	Data Set List Description
-	-----	-----
	APF Required	APF Authorization Required (Yes or No)
	Category	DLIB, Target, Operational
	Current LVOL	Assigned Logical Volume
	Current PVOL	Assigned Physical Volume
	Cylinders	Current Data Set Size in Cylinders
	Data Set Origin	Origin of data sets (IBM or User-defined)
	Data Set Type	HFS, PDSE, PDS, SEQ, VSAM or ZFS
	Device Type	Assigned device type
	DDDEF Name	Owning Product DDDEF Name
	Element type	Data Set Element Type (LMOD, PNLENU, EXEC, etc.)
	HLQ	Data Set High Level Qualifiers
	LNKLST Eligible	Eligible for Placement in the Link List (Yes or No)
	LPA Eligible	Eligible for Placement in LPA (Yes or No)
	LPA Required	Required in LPA List (Yes or No)

MA b A 02/014

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## Usage and invocation – Panel CPPP605S

```
Session B - [24 x 80]
File Edit View Communication Actions Window Help
CPPP605S ----- Select Values to Display ( 0D001007 ) -- Row 1 to 2 of 2
COMMAND ==> _ SCROLL ==> CSR

Select list for: Data Set Origin

Select values for which data sets are to be listed and press Enter

Primary Commands: (?)
Line Commands: (Select SS)

S Values
-----
IBM
User-Defined
*****Bottom of Data*****
```

MA b A 02/014  
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## Usage and invocation – Panel CPPP605U

Session B - [24 x 80]

File Edit View Communication Actions Windows Help

CP605U ----- Data Set List ( 00001007 ) ----- Row 1 to 4 of 4  
COMMAND ==> \_ SCROLL ==> CSR

Data Set List for: Data Set Origin

Primary Commands: (? SET Locate Find Next Previous SORT CHange OFile OList  
FindComp)  
Line Commands: (Merge eXpand Conflict Unmerge Select Insert Delete)

S	Data Set Name	Selected Value	Physical Volume
	CPPDEV.UDDTEST.HFS	User-Defined	V007C1
	CPPDEV.UDDTEST.PDS	User-Defined	V007C1
	CPPDEV.UDDTEST.SEQ	User-Defined	V007C1
	CPPDEV.UDDTEST.ZFS	User-Defined	V007C1

\*\*\*\*\*Bottom of Data\*\*\*\*\*

MA b A 02/014

Connected to remote server (host:blisadm1.boulder.ibm.com using lujpool SCMTCP70 and port 23)

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## Usage and invocation – Panel CPPP605I

```
Session B - [24 x 80]
File Edit View Communication Actions Window Help
CPPPP605I ----- Define a USER Data Set ( DD001007 ) -----
COMMAND ==> _

Data Set Name           ==> USERDEFINED
Logical Volume          ==> LVUSER
Define DDDEF            ==> N             (Y or N)
Data Set Category       ==>             (? For List of Available Types)
Allocate Data set       ==> N             (Y or N)

If defining the DDDEF, the following information is required:
DDDEF Name              ==>
Zone Nick Name          ==>             (? For List of Available Zones)

If Data set Type is HFS or zFS, the following information is required:
Mount Point             ==>
Create Mount Point      ==> N             (Y or N)

Data Set Type           ==>             (PDS, PDSE, SEQ, HFS, ZFS)
RECFM                   ==>             (U, F-B-S-AM, V-B-S-AM)
LRECL                   ==>             (0 - 32760)
Block Size              ==>             (1-32760 or blank for optimized BLKSIZE)
Primary Tracks          ==>
Secondary Tracks        ==>
Directory Blocks        ==>             (Zero for sequential data set)

MPC b A 02/014
33 Connected to remote server /host/bldadm/boulder.ibm.com using Ljpool SCMTCP70 and port 23
```

## Interactions and dependencies

- Software Dependencies
  - None
- Exploiters
  - None
- Hardware Dependencies
  - None

## Migration and coexistence considerations

- User data set dialogs are R13 and forward.
- Required to update the ServerPac Dialogs to pick up the updated RECEIVE job for secure transport if doing a download to host scenario.
- Download pages will identify the tasks.
- There are 3 members that are required to be replaced in the ServerPac Master dialogs.
- Can use the LOADRIM job to replace the entire dialogs (throw away system) or update and do replace scenario for existing master dialogs that you intend to keep.

## Session summary

- ServerPac Modify System Layout Dialogs being enhanced to better support user datasets and jobs
- Pgmdirs will be distributed in PDF format
- z/OSMF additional customization provided for new applications
- Barcodes beings added to tapes for better handling.



## Appendix - References

- Publication references
  - UID (Using the Install Dialogs) SA22-7815
  - IYO (Installing your Order) GA22-7504
  - z/OS Planning for Installation GA22-7504



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