

# z/OS V1R13

## InfoPrint server: Z/OS V1R13 enhancements

### Session objectives

- Learn of the enhancement for these line items
  - Infoprint Server secondary JES support
  - Infoprint Server sendmail enhancements
  - Infoprint Central (GUI) support for support for a time-in-queue value

### Overview

#### ▪ Problem Statements / Need Addressed:

- Customers have a need to isolate their Infoprint Server printer configurations and print jobs and output that reside on a secondary JES2.
- Customers using sendmail want to include text files in the body of emails rather than attachments and also want the ability to add common text to the body of an email. They also want the capability to specify email header information inline in a dataset.
- Customers want an easy way to determine how long a job has been on the spool

#### ▪ Solutions:

- Allow an Infoprint Server inventory to print jobs that reside in a Secondary JES2
- Three sendmail enhancements have been made to address competitive shortcomings.
- An AGE column will be added to Infoprint Central GUI to indicate how long a job has been on the spool.

#### ▪ Benefits:

- Customers no longer need to route output from their secondary JES2 to the JES where Infoprint Server is running.
- The sendmail enhancements will allow IpS to complete better with CA Spool and provide flexibility to customers.
- Customers do not have to manually subtract the submit time with the current time to determine how long the job has been on the spool.

### Usage and invocation

- The secondary JES support is enabled by:
  - Adding the `jes_name = XXXX` to the `aopd.conf` configuration file
- Examples:
  - Stop the IpS daemons with the `'aopstop'` command
  - Add the secondary JES2 name to the `aopd.conf` file
    - `inventory = XXX`
    - **`jes_name = JESA`**
    - `lpd-port-number = 515`
  - Verify the JES2 secondary is active and restart the IpS daemons with the `'aopstart'` command. The IpS inventory will now process jobs and output that reside on the secondary JES2. Print interface commands such as `lp` will then spool the data onto the secondary JES2.
  - The `jes-name` must be a JES2 secondary as this support is only valid for a JES2 secondary subsystem.
- Adding text files in the body of an email can be enabled by:
  - Checking ***Inline text and line data (extended mode)*** in the email ISPF printer definition panel.
  - Only line data or text files can be sent in the body of an email, PDF, PCL etc. Will be sent as attachments.
- Sendmail must be configured correctly to test the new function. That is:
  - Sendmail must be running on the test system and successfully send emails to user id's from the UNIX command line.
  - Sendmail should be using the program control configuration that starts the sendmail daemon from `/usr/sbin` and runs the submission agent from `/bin`.
- Adding common text in the body of an email can be enabled by:
  - Use the ***Inline message*** field in the email ISPF printer definition panel to specify text that is to be sent with every email.
  - The field can contain up to 292 characters of boilerplate text.
    - You can include a business slogan or common greeting to emails.
    - Boilerplate is text that appears at the beginning of an email. Boilerplate comes from the printer definition and/or from the first data set if it has a document format of text.
    - Graphic boilerplate is not considered in this implementation. For example sending a logo as boilerplate is not supported.
- The email header enhancement can be enabled by:
  - Adding email heading tags to line data data sets.
- Examples:
  - The following tags are supported in the line data data stream:
    - To:
    - Cc:
    - Bcc:
    - From:

- Subject:
- Reply-to:
  - mail\_embedded\_headers is required to be added to the email ISPF printer definition panel or as a job attribute to enable the function.
  - Available in IpS PrintWay extended mode only
- The AGE (hours) support in Infoprint Central GUI is automatically enabled with Infoprint Server V1R13.
  - The column should be visible when listing jobs/output in the Infoprint Central GUI.

### **Interactions and dependencies**

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

### **Migration and coexistence considerations**

- None

### **Installation**

- None

### **Session summary**

- IpS customers can now...
  - Configure IpS to print jobs from a secondary JES2
  - Add a text file to the body of an email, add common text to the body of an email and specify email header information inline
  - Quickly determine the amount of time a print job has been on the spool via Infoprint Central GUI.

### **Appendix - References**

- Infoprint Server Customization publication (S544-5744)