IBM Education Assistance (IEA) for z/OS V2R3

Line Items: IP Printway Automatic Printer Failover
            Dynamic Trace facility
            Search for Multiple Forms in Infoprint Central

Element/Component: Infoprint Server

Agenda

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Trademarks

- See url http://www.ibm.com/legal/copytrade.shtml for a list of trademarks.

- Additional Trademarks:

  - None

Session Objectives

This session is designed to provide you with information about new functions being added by Infoprint Server in release V2R3. They are:

-Enhance PrintWay extended mode to allow the print administrator to define a backup printer to use when the primary printer is offline.

-Enhance the Infoprint Server tracing facility to allow dynamic start/stop of trace for individual daemons.

-Enhance the Infoprint Central 'JES Print Jobs' search function to include additional FORMS names.

Overview - IP Printway Automatic Printer Failover

- Problem Statement / Need Addressed

    - Customers would like the ability to name a back up printer that will automatically be used if the primary printer is offline (or if all customer-specified retries are exhausted).

- Solution

    - Allow a backup printer to be defined in ISPF printer definition panels or PIDU.

- Benefit / Value

    - A print administrator can now use IP PrintWay extended mode to define a backup printer in case a print failure occurs on the primary printer.

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Usage & Invocation - IP Printway Automatic Printer Failover

- A new Infoprint Server ISPF panel field has been added to specify a backup printer. The new filed name is 'Backup Printer'. It can be found on the 'IP PrintWay Options' panel when adding or modifying a printer definition.

- A new Infoprint Server job attribute 'backup-printer-definition-name' has been added to specify a backup printer. An example of how to use the parameter with the Infoprint Server lp command -o option would be:

  -o "backup-printer-definition-name=printer5"

Overview - Dynamic Trace facility

- **Problem Statement / Need Addressed**

  - Allow customers the ability to dynamically start and stop trace for individual daemons without having to restarting Infoprint Server daemons.

- **Solution**

  - Infoprint Server has added new function to allow start/stop of trace for individual daemons without a need to restart Infoprint server daemons.

- **Benefit / Value**

  - This allows customer the ability to dynamically collect trace data for individual Infoprint Server daemons as needed without being forced to restart Infoprint Server daemon. This capability should greatly help service team in identifying issues with minimal interruption to print server operations.

Usage & Invocation - Dynamic Trace facility

- New Infoprint Server ISPF attributes have been added to specify dynamic trace options. The trace options can be found on the 'Infoprint Server: System Configuration' ISPF panel.

    – This panel allows user the ability to select daemons to be traced, type of data to be traced, and size of trace data.

- The AOPSEND command has been updated to add new options for trace.

- The ability to use dynamic tracing requires that customers have implemented Infoprint Server's dynamic configuration option (introduced in z/OS 2.1).

- Note: Dynamic TRACE is optional. The previous TRACE function continues to work as before.

Overview - Search for Multiple Forms in Infoprint Central

- Problem Statement / Need Addressed

    – Customers using Infoprint Central would like to search for more then one FORMS value.

- Solution

    – You can now specify up to eight FORMS names on the Work with Print Jobs page when you are searching for JES print jobs.

- Benefit / Value

    – The search finds all print jobs that match any of the specified FORMS.

Usage & Invocation - Search for Multiple Forms in Infoprint Central

- Customers will not have to take any specific actions at install time to enable this feature. It will be available for use in the new Infoprint Central "Work with Print Jobs" tab.

- On the Infoprint Central 'Work with Print Jobs' tab when 'JES Print Jobs' is enabled, eight FORMS search text boxes will be available.

- If the user specifies FORMA and FORMB, the search result will be all print jobs that specify either FORMA or FORMB. There is no explicit or documented significance to the order of the FORMS names on the input filed. In other words, if the user specifies FORMA first and then FORMB, it is not guaranteed that FORMA print jobs will display first and FORMB print jobs thereafter.

Installation

- Note: The ability to use dynamic tracing requires that customers have implemented Infoprint Server's dynamic configuration option (introduced in z/OS 2.1) since this feature introduced support for XCF signaling.

Session Summary

- This session has provided you information about new functions added by Infoprint Server:

    - New PrintWay extended mode to allow the print administrator to define a backup printer to use when the primary printer is offline.

    - New Infoprint Server tracing facility, including allowing the dynamic start and stop of tracing.

    - New Infoprint Central JES Job Search function to include additional FORMS names.

Appendix

- For detailed description and use of the new function described please review the following publications:

  - *z/OS Infoprint Server Introduction Version 2 Release 3* (SA38-0692-02)

  - *z/OS Infoprint Server User's Guide Version 2 Release 3* (SA38-0695-02)

  - *z/OS Infoprint Server Customization Version 2 Release 3* (SA38-0691-02)

  - *z/OS Infoprint Server Messages and Diagnosis Version 2 Release 3* (SA32-0927-02)

  - *z/OS Infoprint Server Operations and Administration Version 2 Release 3* (SA38-0693-02)