TPF Users Group - 2011

IBM TPF Operations Server and Tivoli Monitoring/CDC Updates

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Venue: Operations and Coverage

AIM Enterprise Platform Software
IBM z/Transaction Processing Facility Enterprise Edition 1.1.0

Agenda

- **TPF Operations Server V 1.2.06**

  - Raven enhancement

  - Maintenance

  - Software Levels

- **IBM Tivoli Monitoring for z/TPF and CDC**

  - Continuous Data Collection (CDC) APARs
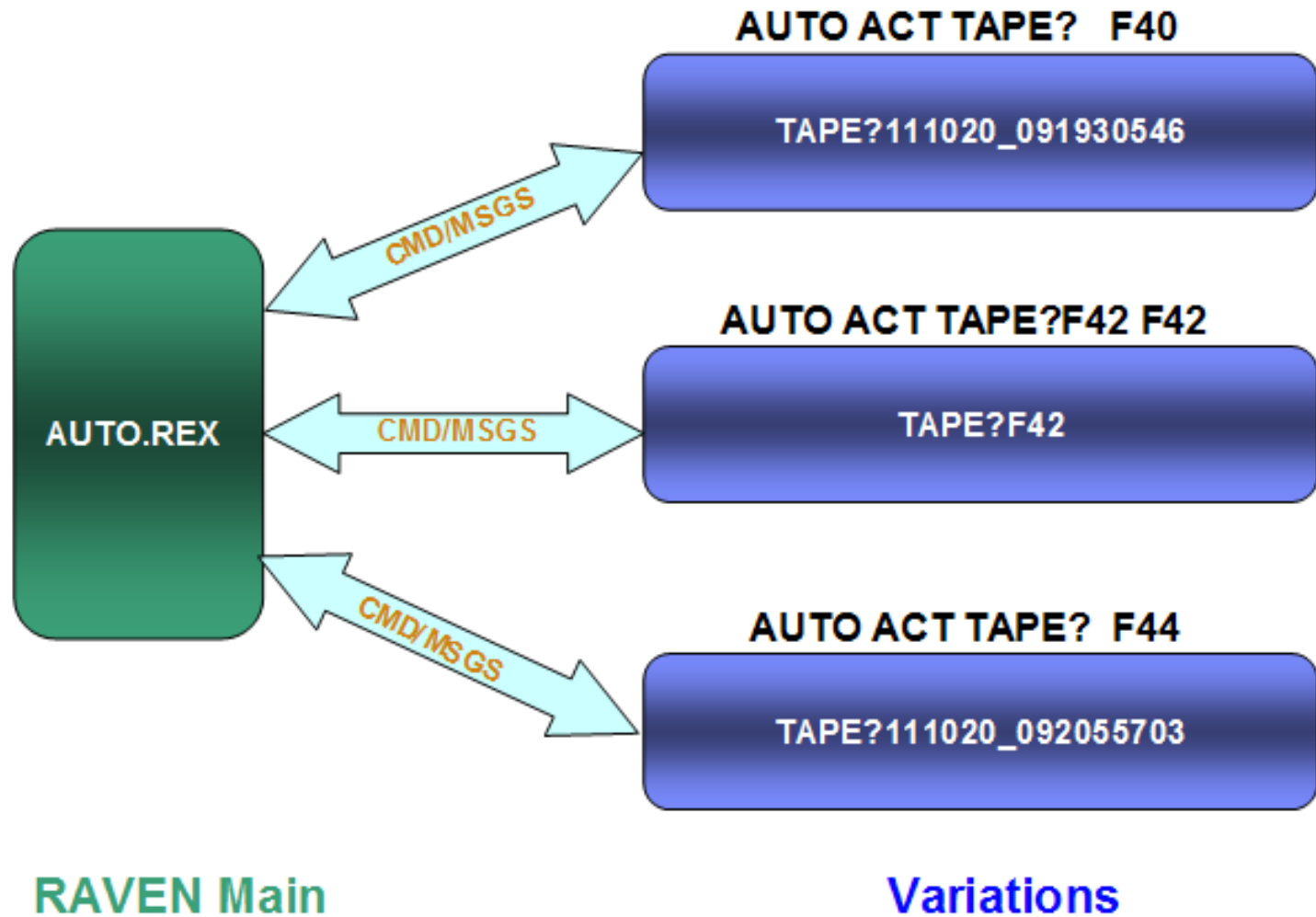
  - ITM Agent for z/TPF update

RAVEN Enhancement

- **IC72264 – Adds the ability to activate multiple copies of the same RAVEN automation variation.**

  - Without option only 1 process and STARTUP_TASKS are rerun on successive activations.

  - ? In the AUTO ACT syntax allows for a 2nd process to be started.

  - Useful when multiple automation processes (variations) needed with the same logic.

    - TAPE processing

New 'Auto ACT' syntax for multiple process

- AUTO ACT <variation name>?<optional postfix> <optional parameters>

- **?** Informs RAVEN to create a new REXX process with a unique variation name.

- **<*optional postfix*>**

  - When not specified <variation name>?yymmdd_hhmmssxxx
    - Auto var output uses this format to identify variation.
    - Date/time activated with xxx as milliseconds
  - Or specify your own naming convention with postfix.

RAVEN with multiple copies of one variation

AUTO ACT TAPE? F40

TAPE?111020_091930546

AUTO ACT TAPE?F42 F42

TAPE?F42

AUTO ACT TAPE? F44

TAPE?111020_092055703

CMD/MSGS

AUTO.REX

RAVEN Main

Variations

RAVEN Sample Output

```
==> AUTO act TAPE? F40

AAER0412I ACT: Variation TAPE?111020_091930546 activated from dir C:\RAVEN\VAR


==> AUTO act TAPE?F42 F42

AAER0412I ACT: Variation TAPE?F42 activated from dir C:\RAVEN\VAR


==> AUTO act TAPE? F44

AAER0412I ACT: Variation TAPE?111020_092055703 activated from dir C:\RAVEN\VAR


==> AUTO VAR

AAER0423I Full display of active variations:

AAER0410I 1   TAPE?111020_091930546                  A  Y N 10/26 09:19 TAPE PROCESSING

AAER0410I 2   TAPE?F42                               A  Y N 10/26 09:19 TAPE PROCESSING

AAER0410I 3   TAPE?111020_092055703                  A  Y N 10/26 09:19 TAPE PROCESSING

AAER0411I End of variation table display.
```

New syntax for FILTERTEST utility

- IC77119 - In order to utilize the same filter rule engine as the filterrule management function.

- **Format**
  - **frm -t *filename***

- **-t** runs a filter rule syntax test and displays any errors in a list on the command prompt. If specified, you must also specify a file name.

- Without –t option filterrule management GUI invoked

- **Filename** specifies the filter rule file that you want to view or change. If a file name is not specified, you can load a file from the File menu of the console window.

Command Line Filter Rule Test

samplefile.dat

-N Auto -T auto -NEW "05auto &1 &2 &3 &4 &5 &6 &7 &8 &9" -O COMMAND -s 1

-N CONSMSG -T AAE* - FG yellow

-N AUTOMSG -T AAES0009I -FG pink

-N LOG2FILE -T log2file -NEW "`02log2file &1 &2 &3 &4 &5 &6 &7 &8 &9 -O COMMAND

-N FILTCMD -T DSYS0001I -FG peach -GL "!cmd notepad"

-N CONTITLE -T DSID0001I -K "THE SYSTEM ID" -GENLOCAL "!title &6 &7

results of checking samplefile.dat (frm –t samplefile.dat)

[5] - Invalid color for -FG argument

[6] - Invalid -GENLOCAL argument(missing closing ")

**** Syntax error check completed. You have 2 error(s). ****

- **Note: FRM samplefile.dat will continue to bring up Filter Rule Management GUI**

Recent Maintenance

- **IC71472 – GENMESSAGE fails on console after automatic reconnect**

- **IC72531 – Compatibility option to translate X'00' on TELNET to X'20'**

- **IC73411 – OSACxxxx message handling following System error**

- **IC75219 – For Windows 7 and 2003 Server, JCON –CONFIGFILE may fail**

- **IC74597 – TPF Simulator shutdown during high message traffic**

- **IC75958 – Filter rules with many WAV files can cause hang**

- **IC76945 – On Windows 7 may get errors on deletion of held messages**

- **IC78104 – Latest JRE updates for JAVA 1.5 SR 10**

TPF Operations Server 1.2.06 and maintenance

- **TPF Operations Server V 1.2.06**
  - Availability - November 2009
  - CD and softcopy/electronic delivery
  - Registration required to receive electronic delivery.
    - http://www.ibm.com/software/htp/tpf/pages/req_full.htm
- **Individual APARs available on the Web**
  - TPF -> SUPPORT -> MAINTENANCE (http://www.ibm.com/tpf/pages/maint.htm)
  - APARs listed in the order closed
  - Unzip package and run TOSAPAR.BAT to apply.
- **Patch file containing all the latest closed APARs**
  - TOS_PATCH_V1206_20111014.ZIP
    - Extract and run tospatch.bat
    - tospatch.bat corrects issue with patch install on Windows 7 and Server 2008.

Software Levels for use with TPF Operations Server

- **Windows XP Professional with Service Pack 3**
- **Windows Server 2003 with Service Pack 2**
- **Windows Server 2008 SP2 or Server 2008 R2 SP1**
- **Windows 7 SP1**
  - Windows 7 and Server 2008 increases user security
- **IBM Personal Communications V 6.0**
  - Part of Host Access Client Package
- **DB2 V 9.7 or later**
- **Open Object REXX V 3.2 (Not V 4.x)**
  - http://www.oorexx.org/

CDC and IBM Tivoli Monitor Agent for z/TPF Status

- **ITM Agent for z/TPF**

  - Current Version: 01.10.02.00

    - Requires ITM6.2.2 fixpack 2 or later

  - Pending Version: 01.10.03.00

    - APAR PJ39361

    - Also requires ITM6.2.2 fixpack 2 or later

    - Expected availability: Late 4Q 2011

- **ITM Agent for z/TPF in use at a number of customer sites.**

Recent Maintenance

- **PJ39109 - incorrect DASD I/O rates during module copy**

  - **PJ39071 on TPF41**

- **PJ39053 - zeros in TCP/IP data with PJ37312 applied**

- **PJ38684 - negative numbers in MQ channel bytes per second**

- **PJ38555 - CTL-3 in module CDCP segment cdcdap.asm**

- **PJ38342 - random characters in Time_Last_Detected field of System Shutdown Counts**

- **PJ39539 - negative numbers in TCP/IP input messages per sec and port number**

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