

Hello Community!

Lean back and have your morning coffee and let me share the good news regards the Mainframe Application Tuner. What you may find in this announcement?

- MAT and PMA CONFIGURATION BLENDER
- CURRENCY UPDATE
- MAT v12.0.03 LEVELSET + Broadcom Rebranding

Continue reading to find more details.

1) MAT and PMA CONFIGURATION BLENDER

Mainframe Application Tuner product offers two major components that complement each other offering a perfect E2E application performance management toolkit. One, being MAT, which serves as capable firefighting and ad hoc measurement tool. Second, being Performance Management Assistant (PMA), which brings automation and a proactive performance measurement approach.

Traditionally these components, despite one installation package, had separate configuration utilities. To support easier adoption and implementation we blended both into one in-line seamless experience.

Both config utility entry points MATHLQ.CEESCL0(TRCUST) and PMAHLQ.CEETSAMP(CUSTAPCT) now leads to a newly reworked panel for the selection of MAT (see fig. 1)

```
. BROADCOM ----- PRODUCT CUSTOMIZATION ----- Row 1 to 2 of 2 .
. COMMAND ==> _ SCROLL ==> CSR .
.
. Valid line command: Valid primary commands:
. S - Select Product HELP - Display an overview of this
. H - Product help product customization dialog
.
. Product Status
. -----
. Mainframe Application Tuner OPERATIONAL
. Performance Management Assistant UNMODIFIED
. ***** Bottom of data *****
```

Fig. 1 – Product Customization Panel

For an added layer of convenience, you may now transit from one configuration portion to another using direct linkage. (see fig. 2 and 3)

```

. BROADCOM ----- MAT CUSTOMIZATION STEPS ----- Row 1 to 18 of 18
. COMMAND ==> SCROLL ==> CSR
.
. Valid line commands:
. S - Select a step (Must be selected in sequence)
. B - Browse a step (No action is taken; step may be browsed out of sequence)
.
. Step S F Description Product
.-----
. 1 + Specify JOBCARD and other operational defaults MAT
. 2 + Add the PRODUCT load library to your system APF list MAT
. 3 + Create MAT Global Information File MAT
. 4 + Specify MAT Server Space Product Parameters MAT
. 5 + Specify MAT System and User Default Values MAT
. 6 + Create MAT Server Space JCL procedure MAT
. 7 + Create MAT batch report procedure MAT
. 8 + Create MAT TSO EXECs for starting the MAT TSO Client MAT
. 9 + o Define and Customize DB2 and the Explain Facility MAT
. 10 + o Define CICS Support MAT
. 11 + o Enable Java Virtual Machine (JVM) Support MAT
. 12 + o Create Batch Registration JCL MAT
. 13 + o Define system class filter patterns (Java support) MAT
. 14 + o TUNBATPM PARM For PMA For MAT Customers ONLY MAT
. 15 + o Compile MAT Demo Program MAT
. 16 + o Define and Customize MAT Graphical User Interface MAT
. 17 + o Configure MAT Database and Enable REST API MAT
. 18 o Navigate to PMA Customization MAT
. ***** Bottom of data *****

```

Fig. 2 – MAT Configuration linkage to PMA

```

. ----- PMA for MAT Customization Dialog -----
. COMMAND ==>
. Step Status
. 1 Specify HLQ and Job Card for Customization Jobs NOT COMPLETE
. 2 Create PMA Parameter Data Set NOT COMPLETE
. 3 Specify operational defaults NOT COMPLETE
. 4 Verify PMA Target Data Set Names NOT COMPLETE
. 5 Verify PMA User Data Set Names NOT COMPLETE
. 6 Verify PMA Data Cluster Names NOT COMPLETE
. 7 Create PMA User Data Sets NOT COMPLETE
. 8 Create PMA Data Cluster NOT COMPLETE
. 9 Create PMA Start Exec NOT COMPLETE
. 10 Create PMA JCL Member and JCL Procs NOT COMPLETE
. 11 Customize Measurement Product Interface NOT COMPLETE
. 12 Upgrade NOT COMPLETE
. 13 Navigate to MAT Customization NOT COMPLETE
. L Show Customization Log X END
.
. *****
. * Mainframe Application Tuner *
. * Performance Management Assistant *
. * Version 12.0.03 *
. *****
. Copyright (C) 2023 Broadcom. All rights reserved. Copyright Trilog AG

```

Fig. 3 – PMA Configuration linkage to MAT

This solution may be obtained via Enhancement PTFs ([LU08646](#) and [LU08647](#))

For more information please refer to respective topics in MAT documentation - see [Customize MAT](#) and [Customize PMA](#).

2) Currency Updates

Currency remains to be one of our top priorities. Please follow [MAT release notes](#) or compatibility matrix to stay informed about the state of MAT certification.

Additionally you may find MQ 9.3.0 added to the list ([LU08913](#))

3) MAT V12.0.03 LEVELSET

A new Level Set PTF 12.0.03 is now available. This Level Set PTF applies all maintenance and new feature PTFs up to the specified modification level and supersedes all previously published PTFs and Level Set PTFs. This level set PTF includes over 25 enhancement features that have been released since MAT 12.0.02 including above mentioned updates.

The Level Set **PTF makes it easy to receive and apply all maintenance and new feature PTFs** up to a specific modification level. The Level Set PTF **simplifies your decision-making and prioritization during your change management process**. It also helps you to know what features are installed and available for use at your site.

As part of Levelset MAT had undergone housekeeping and rebranding efforts to fully comply with Broadcom standards (PTFs [LU08876](#), [LU08877](#), [LU08733](#), [LU08727](#))

```
----- Mainframe Application Tuner -- Primary Option Menu -----
.  OPTION  ===> _
.
.  0  Parameters      - Enter user-specific parameters              Userid: KLOPE01
.  1  Monitor         - Create and analyze Monitor Sets             Server ID: MAT12Q2S
.  2  Active          - Select an active job to monitor              Status: ACTIVE
.  3  Registration    - Register source listings                    Version: 12.0.03
.  4  Grouping        - Define groups of monitors
.  5  External        - Analyze other users' monitor files
.
.  S  Status          - Display and manage invoked monitors
.  G  Global          - Global monitoring and listing registration
.  A  Administration - MAT system administration
.  M  Messages        - List MAT messages
.  T  Tutorial        - MAT tutorial
.  P  PMA             - Performance Management Assistant
.
.  *****
.  * Learn more at https://techdocs.broadcom.com/mat *
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.  * *****
.  Enter an option or press END to exit
.  AQM Solutions (c)2009, a TRILOGexpert Company
```

Fig. 4 – Example - Version Update, Rebranding

```
*****
* Mainframe Application Tuner *
* Performance Management Assistant *
* Version 12.0.03 *
*****
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```

Fig. 5 – Example - Version Update, Rebranding

To obtain MAT v12.0.03 Levelset apply PTF ([LU08973](#))

NOTE: This PTF supersedes all previously published PTFs since MAT v12.0.02

For more information about *Mainframe Application Tuner V12*, see the release notes in [MAT V12 documentation](#).

Thank you for choosing Mainframe Application Tuner to improve your application performance. Are you interested in a live demo? Would you like to get an update about the product roadmap or PoC? Feel free to contact us directly. We are always interested in your thoughts and feedback.

Petr Klomfar (Petr.Klomfar@broadcom.com)

Product Owner of MAT