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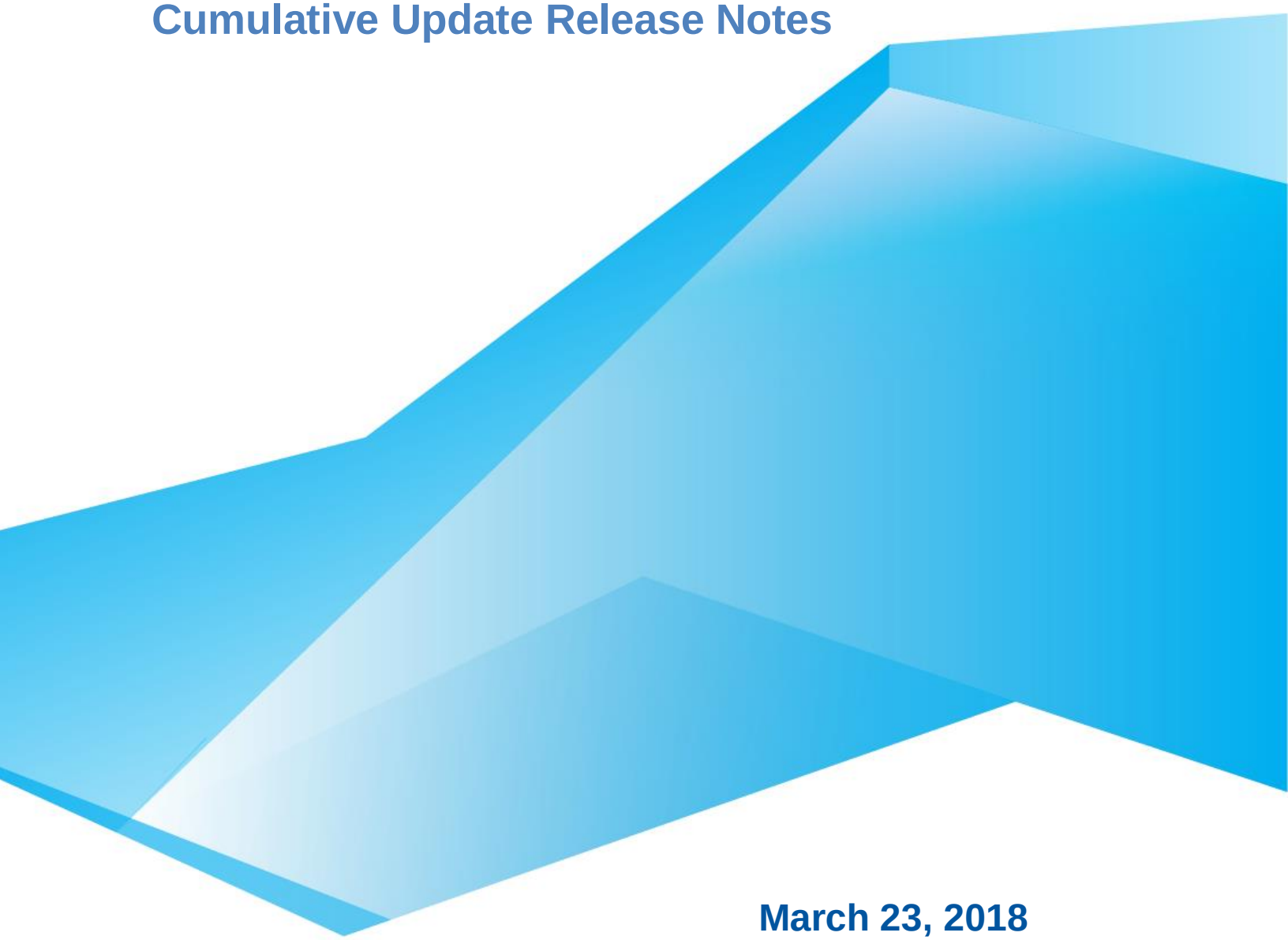
Deltek Maconomy® 2.3 GA CU7

Cumulative Update Release Notes



March 23, 2018

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Overview

The Maconomy 2.3 Cumulative Update (CU) 07 release includes all the software issues resolved and enhancements that were made in this version, as well as software updates introduced in earlier CUs. The software changes from earlier CUs are listed in a separate section in these release notes.

Custom Programs Affected

Sometimes an update can cause custom programs and reports to stop working as expected. Before applying this update, consider whether you have any custom programs or reports in the application areas affected by the update. If so, contact Deltek Customer Care at http://support.deltek.com before you install the update.

Download the Cumulative Update

1. From Internet Explorer, go to https://dsm.deltek.com.
2. Click **Run Deltek Software Manager**.
3. Log in using your Deltek Customer Care Connect credentials.
4. In the left pane of the Deltek Software Manager, expand your Deltek product.
5. Expand the Cumulative Updates folder for your product, and select the update to download.
6. Click **Download** at the bottom of the screen.

Check Whether or not the Cumulative Update Is Installed

To check that the update is installed, complete the following steps:

1. On the Maconomy toolbar, click **Help » About**.
2. On the About Deltek Maconomy dialog box, click the **Details** button.

More Information

If you have any questions, please contact Deltek Customer Care at https://support.deltek.com.

Cumulative Update 07 — Mar. 23, 2018

Cumulative updates for Maconomy 2.3 are available on DSM under Maconomy 2.3 (GA), Cumulative Updates.

Release Summary

New in Cumulative Update 7			
Support case	**Ticket**	**Type**	**Description**
180215-000005	911468	Technology (TPU)	Incorrect Page Numbers when Using CheckSkip on a <paper> Tag
180215-000005	911469	Technology (TPU)	GroupBy Inner Repeating Does Not Use Outermost Cursor as Data Source
180215-000005	911475	Technology (TPU)	Page Numbers Start at 0 for <paper> Tag with No Script
180215-000005	911487	Technology (TPU)	No CheckSkip Support for Scripts Invoked by Repeating Blocks
180215-000005	911491	Technology (TPU)	Page Numbers Start at 0 for <paper> Tag with No Cursor
180215-000005	911494	Technology (TPU)	Record Skipping and Infinite Looping in Nested Grouping Repeatings
Files released		**Filesize**	**Checksum**
DeltekMaconomyWSClient23GACU7.zip		642792 KB	**MD5**: dcbefcc5f3c3ed11aab688bb61db1ecc
tpu.NTx86.19_0.p100g.tgz		805739 KB	**MD5**: eda8485399d4091dc650cfb1bdc1008f
tpu.LINUX.19_0.p100g.tgz		865792 KB	**MD5**: 76221cce779718d64703abaab753b45b

Important TPU Notes for CU7

The Workspace Client from CU2 or above is required for this update.

Deltek recommends that you always install the latest version of the Workspace Client in order to ensure compatibility with the most recent CUs.

To allow the system to run on the CU2 Workspace Client, you must perform an extra installation step.

Follow these steps:

1. On the coupling service, update the version.info file, which states the compatibility rules for the coupling service. Specifically, add needed versions in the ALLOW line, as follows:

```
ALLOW 19.0.100.2 19.0.100.7
```

This line defines a range of allowed versions.

2. Restart the coupling service.

Software Issues Resolved — TPU

Incorrect Page Numbers when Using CheckSkip on a <paper> Tag

Deltek Tracking: 911468

If an MSL environment script called from a <paper> tag returned CheckSkip = true, page numbers previously assumed incorrect values. For every record skipped, the MPL 4 engine incorrectly incremented the page number variable.

This error is corrected. Page numbers are correct when using CheckSkip in <paper> tag scripts.

GroupBy Inner Repeating Does Not Use Outermost Cursor as Data Source

Deltek Tracking: 911469

If the script =X in a GroupBy construct similar to the sample below, if you previously changed any variables used in the Where clause of the cursor, then the GroupBy construct wouldn't work.

```
<repeating Cursor [GroupByFields] script =X>
 ...
  <repeating Cursor>
  <end repeating>

<end repeating>
```

This produced confusing results, and the resulting data set contained records as if the query was executed when entering the inner Cursor repeating, not the outer one as expected.

The error is corrected and the GroupBy construct now works as expected.

Page Numbers Start at 0 for <paper> Tag with No Script

Deltek Tracking: 911475

Page numbering previously started at 0 when using a `<paper>` tag with a cursor but no MSL script associated with the tag. Page numbers are expected to start at 1 instead.

This error is corrected. Page numbers now start at 1 in all cases.

No CheckSkip Support for Scripts Invoked by Repeating Blocks

Deltek Tracking: 911487

MPL 4 did not previously support CheckSkip in MSL scripts invoked by repeating blocks. This resulted in a runtime error in several prints.

The error was identified in **Job Management** » **Job Budgeting** » **Forecast Management**.

This error is corrected.

Page Numbers Start at 0 for <paper> Tag with No Cursor

Deltek Tracking: 911491

Previously, MPL 4 print layouts that used a `<paper>` tag with no cursor started page numbering with 0.

This error is corrected. Page numbers on these prints now start at page 1.

Record Skipping and Infinite Looping in Nested Grouping Repeatings

Deltek Tracking: 911494

Previously, there were two types of errors in prints using a GroupBy structure of more than two grouping levels.

For example:

```
<repeating C [G1]>
   <repeating C [G1, G2]>
        ...
        <repeating C>
        <end repeating>
   <end repeating>
<end repeating>
```

Some prints, like **Trial Balance** financial reports, displayed incomplete data. They would skip some records, resulting in the records not being shown or used in corresponding MSL calculations. As a result, some of the balances and sums yielded incorrectly.

Other prints, like **Standard print in Reporting Structures**, or printing **Payment Files** for more than two currencies or payment modes looped forever in an infinite loop. As a result, they continuously executed database queries.

These errors are corrected.

Cumulative Update 06 — Aug. 18, 2017

Cumulative updates for Maconomy 2.3 are available on DSM under Maconomy 2.3 (GA), Cumulative Updates.

Release Summary

New in Cumulative Update 6			
Support case	**Ticket**	**Type**	**Description**
170320-000116	783437	Technology (TPU)	UserLeaseManager Leak
170320-000116	783489	Technology (TPU)	Server Access Violation on Password Reset
170517-000558	822488	Technology (TPU)	Print Loops Forever in Payment Selection
Files released		**Filesize**	**Checksum**
DeltekMaconomyWSClient23GACU6.zip		645277 KB	**MD5**: a34a8061aa3a942cbbbcc83c13d6b95a
tpu.NTx86.19_0.p100f.tgz		805367 KB	**MD5**: d66f5963b4768f7160d03b5ed1ff7251
tpu.LINUX.19_0.p100f.tgz		865400 KB	**MD5**: 74b83df2b708b4e830fdd0c937570bb9

Important TPU Notes for CU6

The Workspace Client from CU2 or above is required for this update.

Deltek recommends that you always install the latest version of the Workspace Client in order to ensure compatibility with the most recent CUs.

To allow the system to run on the CU2 Workspace Client, you must perform an extra installation step.

Follow these steps:

3. On the coupling service, update the version.info file, which states the compatibility rules for the coupling service. Specifically, add needed versions in the ALLOW line, as follows:

   ```
   ALLOW 19.0.100.2 19.0.100.6
   ```

   This line defines a range of allowed versions.

4. Restart the coupling service.

Software Issues Resolved — TPU

UserLeaseManager Leak

Deltek Tracking: 783437

UserLeaseManager previously leaked the user lease, which led to a log warning. Additionally, removing the entire lease manager caused other threads running with the same user identity to fail with a "Service lease is no longer available" error. This issue is corrected.

Server Access Violation on Password Reset

Deltek Tracking: 783489

Previously, there were two ways to cause an access violation when a user password was reset in MaconomyServer 2.3. The first way was by using the "Forgot my password" option with a non-existent login name. The second way was by using "Forgot my password" with a login name that is different from the user name of the associated Maconomy user. This error is corrected.

Print Loops Forever in Payment Selection

Deltek Tracking: 822488

Previously, using a pattern like the following example would make the MPL 4 engine loop infiitely by repeating over the ChildCursor:

```
<repeating GroupByCursor [...] >
    <repeating GroupByCursor>
    <end repeating>

    <repeating ChildCursor>
    <end repeating>
<end repeating>
```

For example, this bug was triggered in the Standard print function for Payment Selection. This error is resolved.

Cumulative Update 05 — June 21, 2017

Cumulative updates for Maconomy 2.3 are available on DSM under Maconomy 2.3 (GA), Cumulative Updates.

Release Summary

New in Cumulative Update 5			
Support case	**Ticket**	**Type**	**Description**
170608-000219	808727	Application (APU)	Popup value is not localized when using Changes on Approve functionality
Files released		**Filesize**	**Checksum**
apu.w1900.sp100e.zip		715493 KB	MD5: c5873e431e3f7729ab0ba167357f8c93

Software Issues Resolved — APU

Popup Value is Not Localized When Using Changes on Approve Functionality

Deltek Tracking: 808727

Previously, an error occurred when running the Workspace Client in a non-English language. This happened when you attempted to approve a customer in the Approval Hierarchies workspace. The error was due to the popup value not being localized to match the specified language. As a result, the customer was not approved and the **Allow Budgets** field value was not set to “Yes” as expected. This issue is corrected.

Cumulative Update 04 — Mar. 20, 2017

Cumulative updates for Maconomy 2.3 are available on DSM under Maconomy 2.3 (GA), Cumulative Updates.

Release Summary

New in Cumulative Update 4 Released: March 20th, 2017			
Support case	**Ticket**	**Type**	**Description**
N/A	777883	Application (APU)	Bug in standalone import program "Import Jobs Old"
Files released		**Filesize**	**Checksum**
apu.w1900.sp100d.zip		702193 KB	**MD5**: 2599a23445c747805e9de3af3f6e9598
StandAloneProgramsW1900sp100d.zip		2074 KB	**MD5**: 6a61cb408980fedcf529344235628077

Software Issues Resolved — APU

Bug in Standalone Import Program "Import Jobs Old"

Deltek Tracking: 777883

Previously, a bug in the standalone import program "Import Jobs Old" caused the program to fail when run through the MScript API. This issue is corrected.

Cumulative Update 03 — Mar. 10, 2017

Cumulative updates for Maconomy 2.3 are available on DSM under Maconomy 2.3 (GA), Cumulative Updates.

Release Summary

New in Cumulative Update 3 Released: March 10th, 2017			
Support case	**Ticket**	**Type**	**Description**
170202-000250	774511	Application (APU)	GL Entries Analyzer Multiplying Amounts on Maconomy
N/A	774540	Application (APU)	Purchase Orders: Foreign key for searching for vendor should have supplement fields defined
N/A	774557	Application (APU)	New action convert parameter and jobs to detailed time budgeting
N/A	772105	Technology (TPU)	REST API: Environment Service Cannot Resolve Variable After Re-Login
N/A	772111	Technology (TPU)	REST API: Environment Service Supplies Another User's Environment
Files released		**Filesize**	**Checksum**
apu.w1900.sp100c.zip		700061 KB	**MD5**: 818aca730f4517dfe44dd427b94ab44c
DeltekMaconomyWSClient23GACU3.zip		645712 KB	**MD5**: 3aba2657f7b3097e47762c234ad4d7f7
tpu.NTx86.19_0.p100c.tgz		805853 KB	**MD5**: 43c31a04659526d4001a700f3f9a9fad
tpu.LINUX.19_0.p100c.tgz		865878 KB	**MD5**: a0accc1a161c716fe8e95d3d035e11b8

Important TPU Notes for CU3

The Workspace Client from CU2 or above is required for this update.

Deltek recommends that you always install the latest version of the Workspace Client in order to ensure compatibility with the most recent CUs.

To allow the system to run on the CU2 Workspace Client, you must perform an extra installation step.

Follow these steps:

5. On the coupling service, update the version.info file, which states the compatibility rules for the coupling service. Specifically, add needed versions in the ALLOW line, as follows:

   ```
   ALLOW 19.0.100.2 19.0.100.3
   ```

   This line defines a range of allowed versions.

6. Restart the coupling service.

Software Enhancements — APU

Convert Parameter and Job to Detailed Time Budgeting

Deltek Tracking: 774557

Previously, customers who upgraded could not use the matrix budget on all their existing jobs.

A new action ‘Change Parameter and Jobs to Detailed Time Budget’ is added to ‘Job Parameters’ single dialog workspace and ‘Job Parameters’ pane in the Job setup workspace.

The action is only available for parameters of type ‘Budgeting’. It will convert the parameter and all jobs using this parameter to ‘Detailed Time Budgeting’. This means that all job budgets and budget revisions belonging to these jobs will be converted to matrix budgets.

Note: This conversion is irreversible. It is not possible to convert from matrix budget to flat budget.

It is only possible to convert a parameter if ‘Detailed Time Budgeting’ is allowed in combination with the other settings on the parameter.

Software Issues Resolved — APU

GL Entries Analyzer Multiplying Amounts

Deltek Tracking: 774511

Previously, amounts on finance entries were multiplied by the number of general journals in the report.

The amounts on the analyzer reports now match the correct amounts in the Maconomy database.

Supplemental Fields Not Defined on Purchase Orders

Deltek Tracking: 774540

Previously, users were unable to see vendor names after selecting a vendor in the search window for the Purchase Orders, Requests for Quote, and Requisitions workspaces. This issue is corrected.

Software Issues Resolved — TPU

REST API: Environment Service Cannot Resolve Variable After Re-Login

Deltek Tracking: 772105

Previously, environment endpoint requests failed with return code 400 (Bad Request) when executed in parallel with other requests for the same user on the REST webservice API. This error is corrected.

REST API: Environment Service Supplies Another User's Environment

Deltek Tracking: 772111

Previously, environment endpoint requests returned entries for the wrong user if multiple users were executing requests in parallel with other requests on the REST webservice API. This error is corrected.

Cumulative Update 02 — Feb. 3, 2017

Cumulative updates for Maconomy 2.3 are available on DSM under Maconomy 2.3 (GA), Cumulative Updates.

Release Summary

New in Cumulative Update 2
Released: February 3rd, 2017

Support case	Ticket	Type	Description
N/A	735624	Application (APU)	Uniqueness constraint error during upgrade from new install maconomy 17sp103 or sp104 to 19sp000 or sp100
N/A	743947	Technology (TPU)	Add a global disable property for batch execution in system.ini
N/A	745109	Technology (TPU)	Configurations Web Service Does Not Allow Files with Dot in the Name
N/A	754097	Technology (TPU)	The dirty flag is not set after a change in the card part of a card-table dialog
N/A	755608	Technology (TPU)	WSC: Sspi.MAX_TOKEN_SIZE
N/A	755967	Technology (TPU)	Server: LC_AllocateSequenceNumber might call Oracle DLL commands which commits the current transaction
N/A	757160	Technology (TPU)	Include MyxL tool in TPU builds
N/A	758508	Technology (TPU)	Unified WebDaemon: Dialog requests from legacy web clients might use scattered transaction control
N/A	759082	Technology (TPU)	Bugs in PWChangeMSQL when using user 'samaconomy'
161118-000007	759641	Technology (TPU)	Analyzer doesn't work when "Login Name" is not the same as "User Name"

Files released	Filesize	Checksum
apu.w1900.sp100b.zip	2208 KB	**MD5**: 00a10cca473f0f7c8448c776c7340c17
DeltekMaconomyWSClient23GACU2.zip	645727 KB	**MD5**: c6cfccb053500e04aea0ae66e66e8437
tpu.NTx86.19_0.p100b.tgz	805838 KB	**MD5**: ffd681d985e4ccf72f491e40b8c2388e
tpu.LINUX.19_0.p100b.tgz	865878 KB	**MD5**: f780b43e983577d9d982f33db39cf9a9

Important TPU Notes for CU2

The Workspace Client from CU2 is required for this update.

Deltek recommends that you always install the latest version of the Workspace Client in order to ensure compatibility with the most recent CUs.

Software Enhancements — TPU

Add a Global Disable Property for Batch Execution in system.ini

Deltek Tracking: 743947

Previously, there was no method of disabling full batch execution during a Maconomy system upgrade. This enhancement works as an on/off switch that allows MConfig users and system administrators to manually control whether batch execution is enabled or disabled during an upgrade to a new Maconomy version.

Settings:

- When batch.active = true, the property hierarchy of batch.enabled defines the batch execution state (on/off).
- When batch.active = false, the property overrules all settings of batch.enabled and turns batch-execution off globally (for the involved Coupling Services).

MyxL Tool Updates Custom Languages

Deltek Tracking: 757160

Between the major versions of Maconomy, syntax updates occur that may not be backwards compatible with some of the specification languages. This occurs when specification files delivered with the product in the new version are automatically converted to the new syntax, but customized specification files are not. To correct this you must run a conversion of the relevant files to convert them to the new syntax. The MyxL tool facilitates the conversion of Maconomy's specification files, including MDML, MWSL, MMSL, MNSL, and MCSL.

Note: For more information on this enhancement and how to convert files to the new syntax, see the Maconomy Upgrade Guides (*DeltekMaconomy23GAUpgradeGuideMSSQL* or *DeltekMaconomy23GAUpgradeGuideOracle*).

Software Issues Resolved — APU

Uniqueness Constraint Error During Upgrade from New Maconomy Install

Deltek Tracking: 735624

Previously, customers with a new installation of Maconomy 2.2.3 or 2.2.4 who attempted to upgrade to 2.3 LA or 2.3 GA were unable to finalize the upgrade. This was due to a uniqueness constraint error that referenced duplicate keys being found. This error is corrected.

Software Issues Resolved — TPU

Workspace Client Maximum Token Size Issue

Deltek Tracking: 755608

Previously, there was an issue with Workspace Client single sign-on (SSO) due to the maximum token size that was hardcoded into the client. As a result, a domain login dialog prompted the user to enter their credentials manually rather than SSO logging them in automatically. This error is corrected.

Configurations Web Service Does Not Allow Files with Dot in the Name

Deltek Tracking: 745109

Previously, when iAccess users on 2.3 GA requested a file containing a dot in the filename via REST API client, they received a 500 Server Error. This issue is corrected.

Making Changes to Both Card and Table Panes in the Same Workspace Prevents Data From Saving

Deltek Tracking: 754097

Previously, it was possible to make simultaneous changes to multiple panes in the same workspace. When a user edited both card and table panes and reverted the table change, the change in the card was not saved. This prevented the change made to the data from being saved to Maconomy appropriately. This error is corrected.

Unified WebDaemon: Dialog Requests from Legacy Web Clients Might Use Scattered Transaction Control

Deltek Tracking: 758508

When executing certain dialog actions from a legacy web client (for example, MaconomyPortal or MScript-based web service), it was previously possible for the action to perform a commit of the current database transaction.

If the dialog action or a later operation in the script failed in a way so that the database transaction should be rolled back, only the changes performed between the dialog action and the point of failure were rolled back. This error is corrected.

Server Call for Allocating a Unique ID Fails and Commits Current Transaction

Deltek Tracking: 755967

Previously, if the server call for allocating a unique ID failed, the instance sequence was stopped and restarted from ‘1’. This resulted in the current partial transaction being committed. It also led to the possibility of a sequence number conflict. This error is corrected.

Analyzer Does Not Work When Login Name is Not the Same as User Name

Deltek Tracking: 759641

Previously, Analyzer did not work when the "Login Name" was not the same as the "User Name" for the user attempting to log in. This error is corrected.

Bugs in PWChangeMSQL When Using User 'samaconomy'

Deltek Tracking: 759082

Previously, the user 'samaconomy' received an error if the SQLServer instance was case insensitive. This occurred because the login name was converted to upper case.

If the user did not receive the initial error, they instead received another error stating that 'The procedure 'sys.sp_password' cannot be executed within a transaction..'. This second error occurred because the first statement started a transaction.

Cumulative Update 01 — Jan. 10, 2017

Cumulative updates for Maconomy 2.3 are available on DSM under Maconomy 2.3 (GA), Cumulative Updates.

Release Summary

Cumulative Update 1 Released: January 10th, 2017			
Support case	**Ticket**	**Type**	**Description**
N/A	748018	Technology (TPU)	Memory leak in server when locking superior reference
161219-000017	747673	Technology (TPU)	Ora2ISQL mishandling lines with field names ending with "REAL"
Files released		**Filesize**	**Checksum**
DeltekMaconomyWSClient23GACU1.zip		645456 KB	**MD5**: 209606038a381d6d3a199733fd6674e2
tpu.NTx86.19_0.p100a.tgz		794917 KB	**MD5**: e601ea25d71235f56967b59a2ade9591
tpu.LINUX.19_0.p100a.tgz		865840 KB	**MD5**: ee480dd478d14433379ad4df140f9fee

Important TPU Notes for CU1

The Workspace Client from CU1 is required for this update.

Deltek recommends that you always install the latest version of the Workspace Client in order to ensure compatibility with the most recent CUs.

Software Issues Resolved — TPU

Memory Leak in Server When Locking Superior Reference

Deltek Tracking: 748018

Previously, a server memory leak occurred on relations with line number control. The leak resulted in used memory growing to 2 GB, which then caused the server to crash. The issue occurred because memory was allocated for debugging information but was never released. This error is corrected.

Data Type Problem When Upgrading to 2.3 GA or 2.4 LA

Deltek Tracking: 747673

Previously, Ora2ISQL mishandled lines with field names containing the string “REAL “ (with a trailing space) in input files. When this string matched the end of the field name, the type should have changed to “FLOAT”.

The error was identified for the fields KEYFIELD1VALUEREAL, KEYFIELD2VALUEREAL, KEYFIELD3VALUEREAL and KEYFIELD4VALUEREAL in the table BACKGROUNDTASK.

This issue was noted in Maconomy TechNews (2016-12-22) as “Data type problem when upgrading to 2.3 GA or 2.4 LA”. This cumulative update resolves this issue.

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