

ERAM

RELEASE NOTES

VERSION 2.3.1 (BETA)

NEW FEATURES

None.

ENHANCEMENTS

- ERAM-320: Remove 'Label' object from ERAM Dashboard report.
- ERAM-326: Add FSMON / ExcludedUsers registry key in addition to ERAM_ExcludedUsers AD group.

FIXES

- ERAM-321: Slow widget "Users with explicit permissions" of ERAM Standard Report "Explicit Permissions Analysis".
- ERAM-322: Missing parent folder in widget "Activity of user on/in selected file or folder" of ERAM Standard Report "Explicit Permissions Analysis".
- ERAM-323: im.UpdateActivity() fails when processing too long watch state string.
- ERAM-324: im._UpdateFileActivityAggregated() does not correctly rebuild im.FileActivityAggregated.
- ERAM-325: When NTFSAP scan finishes while ADUAG scan is running, im.UpdatePermissions() fails with foreign key violation.
- ERAM-327: Execution of im.FileActivityAggregated() may take longer than db maintenance interval.

VERSION 2.3.0 (BETA)

NEW FEATURES

- ERAM-318: Add stored procedure to simulate file activity.

ENHANCEMENTS

- Major revision of IM and related BI-reports for performance improvements. Now consists of 2 sections: Permissions and Activity. Newly created Job Engine takes care of keeping the IM up-to-date.
- HID-2311 (HM-45) Add provision ('flag') to hide specific users / files from ERAM reports / IM.
- New builtin license code valid till 2018-12-31.

FIXES

- ERAM-314: Correct NULL insertion violation in im.Files:Path.
- ERAM-315: Corrected NULL insertion violation in im.DetailedPermissions / im.Permissions.
- ERAM-316: SVC: Deadlock in db access when stopping task in substate 'Processing'.
- ERAM-317: RoundtripTest activity produces File Activity Records.
- ERAM-319: Revise dbo.GroupsUnnested() to handle deep cyclicities.
- HID-1892 (ERAM-304) When processing in SQL (e.g. IM Update), no data can be delivered to db, so FSMON buffers fill up.

VERSION 2.2.11 (BETA)

NEW FEATURES

None.

ENHANCEMENTS

- ERAM-297: Improved performance of generating Intermediate Model.
- HID-1900/ERAM-309: Removed historic collections.
- HID-1891/HM-44: Improved facilities for querying the Intermediate Model.

FIXES

None.

VERSION 2.2.10

NEW FEATURES

None.

ENHANCEMENTS

None.

FIXES

- ERAM-307: NTFSAP: Not always generating Wellknown accounts.
- ERAM-308: Upgrade database to 1025 in ERAM Version 2.2.9 fails.

VERSION 2.2.9

NEW FEATURES

None.

ENHANCEMENTS

None.

FIXES

- ERAM-297: Improved performance of generating Intermediate Model.
- ERAM-300: Fix: Tasks from agents that don't respond within 200ms are abusively not shown in Tasks Overview of Management Console.

VERSION 2.2.8 (BETA)

NEW FEATURES

- ERAM-256/ERAM-263: When deleting a task, optionally delete all data produced by it.
- ERAM-257/ERAM-262: Add database auto-cleanup provision.

ENHANCEMENTS

- ERAM-272: Improved Management Console numeric control layout in task settings dialogs.
- ERAM-290: If RoundtripTest is not possible (e.g. access denied), warn in `dbo.FileActivityRecords`.
- ERAM-298: File Monitoring guards internal buffer sizes and temporary pauses operation when excessive.
- ERAM-299: Show warning icon in Services tab if one of the service statuses is not OK.

FIXES

- ERAM-268: Fix for installation without internet connection.
- ERAM-270: Fix: Update button icon is cutoff in screen.
- ERAM-275: Fix resizing columns in Tasks overview.
- ERAM-281: Various textual fixes of task settings dialog.
- ERAM-283: Fix for double-clicking on a task entry.
- ERAM-286: Fix for RoundtripTest not working with spaces in file path.
- ERAM-291: Fix for RoundtripTest not working on drive root directory.
- ERAM-293: Fix file creation not always detected by File Monitoring.
- ERAM-294: Fix display of duration fields is limited to 24h.
- ERAM-296: `dbo.FileActivityRecords.[Source.Computer]` not always filled in.

VERSION 2.2.7

NEW FEATURES

- ERAM-57/ERAM-58: Add Security and Authentication to Service Management API.

ENHANCEMENTS

- ERAM-251: Remember previously used path (within task) in NTFS/FSMON/AD path browser window.
- ERAM-255: Make inactive stop/play button state of task more distinctive.
- ERAM-266: Add SQL functions to convert UTC to Local Time for display purposes.

FIXES

- ERAM-252: Prevent editing a running task.

VERSION 2.2.6

NEW FEATURES

None.

ENHANCEMENTS

- ERAM-234/ERAM-244: Live Monitoring: Add support to exclude specific files/paths.
- ERAM-239: Intermediate Model: Add support for multiple domains.
- ERAM-243: Live Monitoring: Add support to exclude specific users/groups.
- ERAM-250: Live Monitoring: Add continuous round-trip test to guard for correct functioning.

FIXES

- ERAM-211: Give appropriate feedback when creation or modification of a task fails.
- ERAM-225: FS Scanning: If FQDN of host is unavailable, finding a matching AD collection fails.
- ERAM-246: AD Scanning: Enlarge distinguishedName/DN column width.
- ERAM-247: FS Scanning: Improve robustness against failed local account enumeration.
- ERAM-248: Live Monitoring: Support paths in NT namespace ('\\Device\\HarddiskVolume<i>\\bla').

VERSION 2.2.5

NEW FEATURES

- Implemented File System Access Activity ("Live Monitoring").

ENHANCEMENTS

- Added builtin license code, valid till 2017/12/31.
- Estimation of Collect and Process task execution stages improved.
- ERAM-221: Extended im.Files with Parent-Child relation.
- Improved scanning performance of ADUAG tasks.
- ERAM-220: Removed link table im.FilesVsPermissions. **Dropped support for Power BI.**
- ERAM-219: Included collecting group's Managed By attribute and process into im.Accounts.
- ERAM-230: Restored use of VARBINARY instead of VARCHAR in Intermediate Model. **Dropped support for Power BI.**
- ERAM-226: Improved generation of Intermediate Model.

FIXES

- ERAM-205: Domain Users and other groups are not scanned in ADUAG tasks.
- ADUAG: Computer accounts are showing up as User accounts in im.Accounts.
- ERAM-214: Fixed scanning empty UNC paths.
- Stop task execution on database storage operational errors.

VERSION 2.2.4

Internal use.

VERSION 2.2.3

NEW FEATURES

None.

ENHANCEMENTS

- ERAM-154: Move Intermediate Model generation outside the data transport/persistence process
- ERAM-157/158/159: Show/update status in Management Console when calculating Intermediate Model

FIXES

- ERAM-199: Various fix in the Management Console

VERSION 2.2.2

NEW FEATURES

None.

ENHANCEMENTS

- ERAM-173: Warn if Central Service and/or Agents have an older version than the Management Console and offer upgrade provision
- ERAM-195: Refined license provision

FIXES

- ERAM-182/ERAM-193: Services overview not correctly shown after clean install or when manually connecting to a running service
- ERAM-188: Upgrading a Central Service or Agent erroneously causes an uninstall/install sequence
- ERAM-192: Intermediate Model uses specific data types in relations that are not supported by PowerBI

KNOWN ISSUES

- Due to a misconfiguration in the installers of the Central Service and Agents of version 2.2.0 and 2.2.1, upgrading these services in the intended way is not possible. The effect of upgrading these services is a cleared configuration, noticeable by the absence earlier configured collection tasks. Use [this procedure](#) to recover these tasks.

VERSION 2.2.1

NEW FEATURES

None.

ENHANCEMENTS

Major revision of Intermediate Model Generation:

- 'int' schema replaced by 'im' (Intermediate Model)
- ERAM-143: Revise generation of composed Intermediate Data
- ERAM-145: Extend Intermediate Model with detailed permissions info
- ERAM-146: Add Group-Type attribute to Intermediate Model int.Accounts
- ERAM-148: Simplify Intermediate Model int.Accounts.Type output
- ERAM-166: Remove accounts from int.Accounts if not present in source data anymore
- ERAM-167: Add symbolic file attributes to int.Files
- ERAM-168: Extend int.Accounts with surrogate entries representing unresolved sids
- ERAM-169: Add properties / meta data table to Intermediate Model

FIXES

- ERAM-176: CPU usage of Service in specific circumstances
- ERAM-182: When manually connecting to a running Central Service, initially no services are shown
- ERAM-183: When reconnecting to a Central Service, version info is not updated

VERSION 2.2.0

NEW FEATURES

None.

ENHANCEMENTS

- ERAM-128: Improve (Central/Agent) Service installation monitoring & feedback
- ERAM-129: Set window size and position to same value as before last close (per-user)
- ERAM-165: Give warning (pop-up) message when task execution would consume much resources
- ERAM-171: Automatically connect to the same central service again on startup

FIXES

- ERAM-97: Configuring service credentials (run windows service) while installing ERAM service not possible
- ERAM-136: Remote file browser does not jump to previous selected path if that path ends with a '\'
- ERAM-151: If a connected Central Service is removed, don't try to re-connect
- ERAM-152: When scanning AD on 10.42.2 test environment, number of objects scanned doesn't correctly count up
- ERAM-164: AD browser select previous path fails if AD path contains organizational units (OU) instead of containers (CN)
- ERAM-175: Remove locking database when generating Intermediate Model
- ERAM-178: Improved data queue handling (a.o. reduced size, increased traceability)

VERSION 2.1.0

NEW FEATURES

None.

ENHANCEMENTS

- ERAM-102: Mandatory fields for task are visually marked.
- ERAM-114: Management Console automatically re-connects with Central Service
- ERAM-135: Extend Intermediate Model for use with PowerBI.
- ERAM-147: Update installer signing certificate and update installer to Advanced Installer 13.2.2.

FIXES

- ERAM-116: When a member is added to an AD group, it is not always recorded correctly in the ERAM database.
- ERAM-118: Leave out entries with permissions mask '-----' from Intermediate Model.
- ERAM-121: On some file servers (e.g. ARX) produces error 124 (ERROR_INVALID_LEVEL).
- ERAM-138: Resources HostName is empty if no drive specified.



TOOLS4EVER BV

Amaliaaan 126c
3743 KJ Baarn
Nederland

T +31 (0) 35 54 832 55 **F** +31 (0) 35 54 327 36

Informatie info@tools4ever.com

Sales sales@tools4ever.com

Support isupport@tools4ever.com