AMELIA

AIOps

AMELIA's Autonomic IT Management Platform

Release Notes 3.3.0
(Document Version 1.0)

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Document History

Author	Version	Date	Comments	Final Approval?
AMELIA Research & Development	1.0	August 09, 2024	Added tickets for 3.3.0 release	Yes

1. Release 3.3.0

This section briefly lists changes to AI Ops for this release.

1.1 RELEASE HIGHLIGHTS

1.1.1 Rollback to a Previous Version

The database schema is not backward compatible with previous releases. Once updated, reverting to the previous version is not possible without restoring from a backup.

1.1.2 Tasks Query API

All Tasks APIs were updated to reject requests with small size and large offset because such requests hit performance. For example, request

```
/api/tickets/query?page=5053&size=1&q=updated >= DATETIME("2024-07-07
01:00:00") AND updated <= DATETIME("2024-07-09 01:00:00")
```

will be rejected because it selects a page of tickets of size 1 with offset 5053.

By default, all requests having page size less than 10 and page number more than 10 will be rejected.

1.2 NEW FEATURES

- [AP-28100] - Auto-Trim for Automation and Folder Names. The AIOps platform will now auto-remove any spaces at the start or end of automation and folder names. This change keeps names neat and consistent in automations and folders. This update won't change the UI. But it will improve your experience. It ensures names are clean and without extra spaces.
- [AP-28576; AP-29506] - Implement Version Control for Automation Scripts: Added version control to the Automations module. It lets you track changes, compare versions, and revert to old scripts. You can also review actions. New buttons and options for importing, exporting, and saving have been added. You can now restore and view your history. This update helps automation developers work with scripts better. It also includes backend changes to store and manage script versions.
- [AP-28615; AP-29557] - AIOps calendar app now lets you manage tags on calendar events. They will carry over to associated tickets. This change affects event creation, editing, and ticket interfaces. It improves metadata management and ensures consistent info for ticket processing automation. It is a customer-facing update for IPcal app users and event ticket managers.
- [AP-29214] - AI-Generated Runbooks Must Save Command Outputs: AI-generated runbooks will now include the outputs of run commands. This update improves accuracy and info extraction. It won't change what you see on the screen.
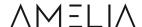
1.3   ENHANCEMENT

- [AP-29463] - Enable Script Selection and Search in Automation Properties. Added a search field to the Scripts section in Automation Properties. It lets users search for, select, and open scripts from the Script Library. This change improves usability for automation developers in the IPautomata component. It streamlines script management and enhances workflow.
- [AP-29499] - Disable Clickable Link to Knowledge Article in 'Generate Automation'. You can no longer click a Knowledge Article's name to open it. Instead, clicking anywhere on the line item will select the article for automation. This update improves the 'Generate Automation > From Existing Knowledge Article' feature. It prevents accidental clicks and improves your workflow. It affects what you see and do in the user interface.
- [AP-29294] - Integration of Connection Activity Logs into OpenSearch for Enhanced Reporting. Connection logs from the AMELIA AIOps platform are now in OpenSearch. Parsing and indexing them for reporting, visualization, and alerts. This upgrade improves security, compliance, and efficiency. It enables real-time monitoring and analysis of connection activities. It affects users who oversee these activities for their organization.
- [AP-29360] - Synchronize Comment Metadata from External Systems to Tickets. The system now imports and shows the correct commenter name and date from external systems. This improves accuracy and transparency in the ticket comments section. This update ensures accurate info. It requires backend changes for the new metadata import.
- [AP-29387] - Process Embedded Images in Native Email Integration. This change allows radar tickets to display embedded images in emails. It replaces text references with the actual images. It improves the user experience by enhancing the email display. But, it mainly involves backend work.
- [AP-29604] - Added Integration Type Icons to Integration List. An icon now shows each integration's type in the Integrations list. This improves UI clarity and usability. This customer-facing update improves the visibility of integration types.
- [AP-29468] - Revamp Default Ticket Update Email Template. Updated the default ticket update email template. It is now clearer and easier to use. The changes include modifying the HTML structure, updating fields, and adding dynamic placeholders. This update will give users better-looking, more structured ticket notifications.
- [AP-29364] - Improved Error Handling in Automata Streaming API. The Automata Streaming API now has better error handling. It catches more errors and gives more informative messages. This backend update improves API robustness and debugging. It affects developers and engineers, but not customers.
- [AP-29114] - A new feature now shows a detailed error message when deploying the ML embedding model in the Generative AI config. It replaces unexpected exceptions. This update improves the user experience. It shows the deployment process and advises users to try again later. It affects both backend processing and the customer-facing UI.

1.4   BUGS

- [AP-29480] - Fixed an issue with event correlation by attribute. It was not excluding events that lacked the specified attribute (event_unique_key). This backend change fixes the event correlation

logic. It ensures only relevant events are correlated. It mainly affects backend systems. But, it improves the accuracy of event correlation rules for users.

- [AP-29305] - Fix New 'Auth System' Action Listing in IPaudit: The 'Auth System' is now listed as a 'Create' action, not an 'Update', in the IPaudit. This change ensures accurate auditing of actions in the IPAudit interface. It affects backend systems and improves audit log clarity for customers and admins.
- [AP-29476] - Update Audit Logs' JSON Diff Viewer for Improved Usability. The JSON diff viewer was updated to show differences when elements are swapped. It now matches the design specs. The changes include fixing the hover background color and adjusting the text. These customer-facing changes improve clarity and usability for users reviewing audit logs.
- [AP-29022] - Fix Automata Creation Location Discrepancy. This change fixes an issue with Automata. They were incorrectly listed under IPsoft. They were generated from a Runbook under the Global client. It ensures Automata are created and listed under the Global client. This improves accuracy in Automata management for users.
- [AP-29298] - Fixed Tag Layout on 'Runbook' Page for Improved Visibility. The 'Runbook' page's tags were moved to show below the 'External link' title. This improved visibility and accessibility. This change restores tag visibility and improves navigation on the 'Runbook' page for users.
- [AP-29334] - Fix for Data Segregation Breach in AIOps. The AIOps data segregation issue is fixed. Integration adapters from one domain are no longer visible to users from another domain. This fix affects the Automata section and AIF API. It enhances data isolation and prevents cross-domain access. The change improves both backend processes and user experience by maintaining proper data segregation
- [AP-29361] - Ensure SOP Title is Used When Generating Automation in Runbook View. The SOP title from Confluence is now used for automation from the Runbook view. This fixes inconsistencies and failures. This change affects backend logic and improves the customer-facing Runbook view
- [AP-29389] - Improve error handling for Resolve with AI connected to Azure AI. Error handling for the 'Resolve with AI' feature connected to Azure AI has been improved. It now gives clearer, more user-friendly error messages. This change improves the Task management interface. It makes error notifications more useful, reducing user frustration.
- [AP-29407] - Fixed formatting issue in "Resolve with AI" output. The 'Resolve with AI' feature now has fixed formatting. The yellow border is gone. This change ensures 'Resolve with AI' output is correct and consistent. It will improve the user experience.
- [AP-29586] - Fix connectivity issue in Resolve with AI when using ALite connection with an execution group. The fix for 'Resolve with AI' now allows it to connect to a host via ALite using an execution group. While users won't see a direct UI change, they will experience improved connectivity. This fix ensures 'Resolve with AI' connects reliably. It will improve the user experience.
- [AP-29344] - Fix for Automation Failure Due to Secure Variable in Test Instance. New lines in secure variables with automation commands are now handled the same in Dev and Test instances. This backend fix resolves automation failures from new lines in secure variables. It ensures reliability without changing the UI. It impacts users configuring and running automations with secure variables
- [AP-29312] - Fixed Incorrect Update of Create Date on Client Page Edit. Fixed the issue with the 'create date' being incorrectly updated on the client page. Now, the 'create date' remains

unchanged during edits, preserving historical accuracy. This backend change affects data consistency in customer-facing interfaces.
- [AP-29398] - Fix Invalid Rejection Rules Regex in Password Policies. The fix for the invalid Rejection Rules Regex pattern in the password policy settings allows proper updates and saves of configurations. This change helps those managing password policies in the AIOPS Orchestrator Interface. It improves their user experience.
- [AP-29425] - Fixed incorrect audit log entries for login groups. The issue with incorrect audit log entries for login groups is fixed. It ensures accurate logging. This backend fix affects audit logs at AIOps/audit/logs. It benefits system admins and compliance staff.
- [AP-28557] - Corrected error message for rule deletion in IPpm involving linked problems. The error message for deleting rules linked with problems under non-IPsoft clients is now clearer. This update affects users with global IPpm view and update rights. It provides more informative error messages when deleting rules in the IPpm module.
- [AP-29323] - Corrected Actor Identification in Audit Log. The audit log now correctly identifies the actor instead of listing the ipautomata system user ID. This backend fix improves logging. It affects admins or users reviewing audit logs.
- [AP-29257] - Fixed HTTP 400 Error When Attaching CI for New Zabbix Integration. A fix has been made for an HTTP 400 error when attaching Configuration Items for new Zabbix integrations. This update ensures smooth task creation and proper function for new Zabbix integrations. It affects users creating these integrations.
- [AP-29456] - Fixed Issue with Missing Attached File Links in Task CC Notifications. The notification system now includes all attached file links in task notifications sent to users in the task CC. This update improves task creation and notifications. Users will now receive all relevant documents and files.
- [AP-29439] - Fixed issue with saving variables in IPworkflow cascades. A fix has resolved an issue. It prevented users from saving new variables in IPworkflow cascades without global permissions. This update fixes permissions in the IPworkflow module. It ensures that users with access can manage cascades correctly. It affects both backend permissions and the customer-facing UI
- [AP-29211] - Automatic Xwiki Documents Import Missing During Integration Registration. We have fixed the issue with Xwiki documents not importing during integration registration. This backend update imports Xwiki documents as expected, like Confluence. It improves the integration process without changing the UI.
- [AP-29556] - Corrected the usage of Office365 Mail Folder ID in the integration. The Office365Integration.getMailFolderId() method is now correctly utilized for integration. It reads emails from the specified mail folder. This backend fix ensures accurate email retrieval for the Office365 integration. It will improve the end-user experience.

1.5 TASKS

None in this release.