AMELIA

AI Ops

AMELIA's Autonomic IT Management Platform

Release Notes 3.8.0
(Document Version 1.0)

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Document History

Author	Version	Date	Comments	Final Approval?
AMELIA Research & Development	1.0	January 15, 2025	Added tickets for 3.8.0 release	Yes

1. Release 3.8.0

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

1.1 RELEASE HIGHLIGHTS

1.1.1 Rollback to a previous version

Database schema is not compatible with previous releases. Once updated, it is not possible to rollback to the previous version without restoring from the backup.

1.2 BUGS

- [AP-29630] - The "Knowledge Article" list no longer reloads automatically after displaying, ensuring a stable user experience. This customer-facing change improves the interface for users accessing and reading articles.
- [AP-30056] - A security flaw allowing unauthorized content pack imports with Locksmith entries has been fixed to prevent improper folder and entry creation. The change strengthens backend permission checks and enhances system security, affecting users without the required permissions.
- [AP-30200] - The issue with inaccurately capturing return codes from automation commands on remote hosts has been fixed, ensuring correct success or failure reporting. While the change is backend-focused, it impacts users who rely on accurate execution logs for automated tasks.
- [AP-30215] - The misleading error message during the import of automations with encrypted variables has been resolved by fixing a backend issue with encryption key generation. While the change is backend-focused, it ensures smoother imports and indirectly improves the user experience.
- [AP-30221] - The ability to search for requesters by Employee ID in the AIOPS ticket creation interface has been restored. This customer-facing change improves the "Requester" field, enabling agents to efficiently identify MSK users when creating tickets.
- [AP-30236] - An issue in AIOps 3.6 that caused critical Netcool events to be dropped due to aggressive deduplication has been fixed. This backend update ensures events with distinct service name IDs are processed correctly, benefiting clients by preventing the loss of important radar tasks.
- [AP-30304] - The system was updated to skip cascades validation when updating resolved tickets via API, preventing errors. This backend change improves the API process for system administrators and developers, with no direct impact on end users.
- [AP-30354] - The character limit for the output field in Hypera's EventFlow processing was increased from 256 characters to 64KB, allowing larger event data to be processed. This backend change improves event handling on the Hypera platform, with no direct impact on the user interface.
- [AP-30367] - The "Automata" parameter was removed or fixed in the 'General' scheduling type display to prevent confusion. This customer-facing change improves the scheduling section of the UI by ensuring only relevant parameters are shown, avoiding misconfiguration.

- [AP-30374] - The error message for saving workflows with duplicate names has been improved for clarity and conciseness. This customer-facing change enhances the user experience in the IPworkflow component by providing clearer error messages without repetitive wording.
- [AP-30376] - A bug that hid global correlation rules when searching by the global client in AIOPS V3 has been fixed. This customer-facing change ensures that users can view and manage global correlation rules properly in the AIOps V3 interface.
- [AP-30380] - A clear error message is now displayed when a user attempts to create a duplicate client, replacing the generic "500: Internal Server Error." This customer-facing change improves the client creation interface, helping users easily identify and resolve the issue.
- [AP-30383] - The display of large event output field values has been improved to ensure they are properly formatted and fully visible. This customer-facing change enhances the Radar component of the UI, making large text readable and accessible for users handling event data.
- [AP-30392] - A fix was implemented to prevent lower versions of automation from overwriting higher versions when saved. This backend change improves version control in the IPautomata module of the Orchestrator dashboard, ensuring data integrity for users, particularly those on the UBS platform.
- [AP-30401] - The system was updated to properly read cacheable entities with null "tagNames" fields from the Redis cache after migrating from tag IDs to names. This backend change ensures system stability by preventing errors when handling these entities, though it does not directly impact the user interface.
- [AP-30407] - Support for specifying the execution group was added to the Prometheus integration page, giving users more configuration options. This customer-facing change improves the UI, allowing users to easily set the execution group within Prometheus integration.
- [AP-30453] - Prometheus labels are now included with task attributes at the time of task creation, allowing monitoring teams to access them immediately. This backend change improves the efficiency of monitoring by reducing delays in obtaining critical task information.
- [AP-30456] - The issue with missing tags in automation matchers has been fixed, ensuring automations execute properly. This backend change impacts the AIOps platform, particularly affecting customers who rely on automation processes.
- [AP-30458] - Select boxes now automatically close when another is clicked, preventing multiple select boxes from staying open at once. This customer-facing change improves the user experience by reducing clutter and confusion in the UI.
- [AP-30461] - The tags API on the Automata matcher page was updated to include the client ID, ensuring only relevant tags are displayed for the specific client. This customer-facing change improves the "Tags" dropdown by preventing confusion caused by tags from multiple clients.
- [AP-30467] - A fix was implemented to resolve the issue preventing automations from being saved due to an undefined override type. This customer-facing change ensures smooth automation linking and configuration in the AIOps platform by setting a default override type.
- [AP-30468] - The issue with the 'Send Hypera Message' reusing the same payload for multiple requests has been fixed, ensuring dynamically updated payloads are sent for each request. This backend change improves the reliability of automation processes and impacts developers working with dynamic payloads in automation tasks.

- [AP-30495] - The issue with pop-ups not appearing when hovering over specific value dots in the Tasks Events tab has been fixed. This customer-facing change enhances the UI, ensuring users can access data insights consistently when interacting with the chart area.
- [AP-30510] - Fixes were made to ensure the Event Management module correctly loads global attributes and rules. This customer-facing change improves the UI experience by allowing users to retrieve and display data for global attributes and rules when "All clients" is selected.
- [AP-30517] - The issue with the 'Task History' tab being blank on event/alert tasks has been fixed, allowing users to view task history. This customer-facing change improves the UI experience for users accessing task history in the Radar component.

1.3   EPIC

None in this release.

1.4   STORY

- [AP-28458] - The system now allows importing and exporting calendar events using the RFC5545 standard in the AMELIA AIOps platform. This feature enables users to sync, share, and back up events. It affects the calendar module and is customer-facing, improving event data management.
- [AP-28515] - A new feature was added to import tags via a JSON file using an API in the Amelia AIOps system, with validation to ensure proper format. This change affects the backend, enabling efficient tag imports for clients, but does not directly impact the UI.
- [AP-30065] - Support for Gemini was added to enhance AI features, including automation, root cause analysis, and summarization. This change improves backend AI functionalities, indirectly benefiting users by providing more advanced AI-driven capabilities. There were no direct UI changes.
- [AP-30323] - Calendar: Introduce export and import of calendar events [ui].
- [AP-30332] - The Automations UI now shows tag names instead of IDs, improving user experience and making it easier to identify tags. This change affects the Automations section, specifically in version details. It's a customer-facing update aimed at enhancing usability.
- [AP-30333] - The Connections UI now uses "tagNames" instead of tag IDs when editing connections, improving usability by displaying more intuitive tag names. This change affects the Connections section of the UI and is customer-facing, benefiting users managing connection details.
- [AP-30411] - The event rules UI now includes "Equals" and "Not Equals" options, matching backend capabilities. This change, which affects the event rules section, is customer-facing, enhancing event rule configuration for users.
- [AP-30470] - The Google Gemini provider was integrated, adding "GEMINI" as a provider type and updating APIs for model retrieval. The UI now includes the new provider type and a corrected heading. This change is customer-facing, impacting the model configuration and selection process in the UI.
- [AP-30505] - An announcement file was added detailing updates in Amelia AIOps v3.8.0. This backend documentation update provides users with information on new features and improvements. It's indirectly customer-facing as it keeps users informed about the latest version.

1.5 TASKS

- [AP-30197] - Unused indexes, such as "ipmanager_engineer_performance," were removed from Open Search to improve system performance. This change did not affect the UI and was focused on backend database management, optimizing performance and resource usage. It has no direct impact on customer-facing interfaces.
- [AP-30321] - Vulnerable libraries like 'netty' and 'spring-expression' were upgraded to address security vulnerabilities in the backend, specifically for the IPautomata Execution Service. This change enhances security without affecting the UI or customers, primarily impacting development and operations teams.
- [AP-30400] - The character limit for host, service, and metric fields in the ipradar.ticket_event table was aligned with the 256-character limit in eventflow, preventing ticket creation errors. This backend change ensures consistency between systems, with no direct impact on the UI or customers.
- [AP-30424] - A new Configuration page for Workflows allows users to set default workflows for each task type per client, simplifying workflow assignment. This change, affecting the Workflow interface, replaces Root workflows to improve clarity and performance. It's customer-facing, impacting users who manage workflows, with new clients benefiting from default workflow settings.
- [AP-30440] - Error messages for exceeding attribute size limits now include the specific attribute's name, improving issue diagnosis. This change affects backend components, particularly system logs and responses, and helps developers and support teams troubleshoot more efficiently. It does not directly impact the UI.
- [AP-30478] - The change disables command echo for SSH commands in automations to reduce clutter in logs, while echo remains active for UI terminal interactions. This affects backend operations and automation processes, optimizing outputs without impacting the customer-facing UI.
- [AP-30486] - Update styled-components to latest in apollo-frontend.

1.6 SUB-TASKS

None in this release.