

AI Ops

AMELIA's Autonomic IT Management Platform

Release Notes 3.10.0 (Document Version 1.0)

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Document History

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AMELIA Research & Development	1.0	March 4, 2025	Added tickets for 3.10.0 release	Yes

1. Release 3.10.0

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

- **Implement WebSocket Authorization for Resolve with AI and Generate RCA Features.** Authorization has been implemented for the websocket handler to ensure that only users with the designated authorities can access the Resolve with AI and Generate RCA features via direct backend access. The change is primarily in the backend, so there isn't a direct UI component affected. However, the UI will disable the features for users without proper authorization, maintaining coherence with backend restrictions. This change was made to close a security gap where unauthorized users could access restricted features by bypassing the UI and connecting directly to the backend via websocket. This is a backend change, specifically enhancing security measures against unauthorized access, indirectly affecting the end-users by preventing unauthorized feature usage. (AP-29584)
- **Fix for Downtime Entries Persisting After Expiration.** The issue causing downtime entries to persist beyond their expiration time has been fixed. This resolves the problem where downtime entries failed to disappear after the set end time in version 3.6.1. The change happened on the Downtime page within the AIOps platform, specifically related to the functionality handling the auto-removal of expired downtime entries. The purpose of this change was to correct a regression introduced with release version 3.6.1, ensuring that downtime entries disappear from the user interface once they reach their expiration time, as they correctly did in previous versions. The change affects both the backend processing of downtime entries and the customer-facing user interface of the AIOps platform, ensuring consistency and reliability for end-users when managing and viewing downtimes. (AP-30390)
- **Resolving Default Datasource Insertion Failure in Grafana.** A fix was implemented to handle and resolve errors that occurred when attempting to insert default data sources in Grafana, which failed because of duplicate UID conflicts. This change pertains to backend operations and does not directly affect the UI. The purpose of this change was to address errors caused by attempting to insert default data sources that already existed with the same UID, preventing operational disruptions in the provisioning of data sources. This change primarily affected the backend systems, specifically the provisioning aspect of Grafana's data source management. It indirectly impacts users dependent on accurate data connectivity configuration but does not affect customer-facing interfaces directly. (AP-30614)

- **Fixed PageSyncService Transaction Synchronization Error.** The issue with transaction synchronization failing during the Xwiki pages synchronization process was resolved by adding the '@Transactional' annotation to ensure that transaction management is enabled during the synchronization process. This change does not affect the UI directly. It impacts the backend functionality of the page synchronization service. The change was implemented to address the 'IllegalStateException' error encountered during the synchronization of Xwiki pages, which was due to inactive transaction synchronization. This ensures a more reliable and error-free synchronization process. This change affects the backend system, specifically the PageSyncService component of IPkm. It was not directly visible to end-users but improves the reliability of the service they interact with. (AP-30627)
- **Fix alignment and display of gear options for folders at the end of the Automata page.** The alignment and display issues for gear options used for folders located at the bottom of the Automata page were fixed, ensuring that they are properly displayed and accessible to users. The change occurred in the Automata section of the user interface, specifically affecting gear options for folders that are situated at the lower part of the page. The purpose of this change was to correct the alignment and visibility issues of gear options at the bottom of the page to improve user accessibility and prevent inconvenience when importing or creating automata. This change is customer-facing, impacting users who interact with the Automata section of the application and need to use gear options for folders at the bottom of the page. (AP-30653)
- **Fix for Invalid Null Value in Execution ID Condition within IPautomata Logs.** The issue causing invalid null value errors in the IPautomata log related to the 'executionid' column condition was investigated and resolved ensuring that valid non-null values are utilized during database queries. This change does not directly affect the user interface (UI); it is a backend modification related to how logs capture and handle conditions for database queries in the IPautomata service. The purpose of this change was to identify and fix the backend error messages that indicated the presence of null values in conditions for the 'executionid' column. This ensures data integrity and accurate query processing within the IPautomata service. The change is backend-focused, affecting the logging and query handling processes within the IPautomata service. No direct impact on customer-facing components or user experience. (AP-30673)
- **Allow users without Tag Admin authority to import tagged automation via Content Pack.** The system now allows users without Tag Admin authority to import automations that include tags using the Content Pack feature. Previously, such imports would fail if the user did not have Tag Admin authority. This change affects the Content Pack import process, specifically when users are importing automations that include tags. The purpose of this change is to remove unnecessary restrictions on importing automations, making it more user-friendly and ensuring that users can import necessary automations without requiring additional administrative permissions. This change affects users of the system on the backend, particularly those interacting with the Content Pack import functionality. It indirectly benefits customers by streamlining the process for users managing tagged automations. (AP-30678)
- **Implement Opt-in Multi-Entity Anomaly Detection with Configurable Limit.** This ticket implemented an opt-in feature for multi-entity anomaly detection, allowing clients to enable or disable anomaly detectors. It also set a default limit of 10 multi-entity anomaly detectors per client, configurable via eventflow-service properties. An error message is provided if a client exceeds the limit when enabling anomaly detection. The change primarily impacts backend configurations and is not directly reflected in the user interface. It involves backend logic for enabling, disabling, and managing anomaly detectors within the client's system. The purpose of this change was to manage server resources efficiently by

introducing a limit to the number of anomaly detectors, preventing system overloads due to excessive detectors. Additionally, it aimed to provide clients with control over anomaly detection features, making it an opt-in capability. This change is primarily backend-focused, affecting the EventFlow component's handling of anomaly detectors. It indirectly impacts clients who seek to manage anomaly detections within their environments, as they now have more control and clarity through configurable settings. (AP-30684)

- **Removed Empty Entry from Task Workflow Dropdown.** The first item, which was an unintended empty entry, has been removed from the workflow dropdown when creating tasks. The change occurred in the task creation interface within the workflow dropdown menu. The purpose of this change was to improve user experience by eliminating confusion caused by the presence of an empty entry in the dropdown, which could lead to incorrect task creation selections. This is a customer-facing change impacting users interacting with the task creation workflow in the UI. (AP-30685)
- **Automata: Resolved issue of zero(0) displaying instead of migration message for new clients.** This ticket resolved an issue where zero(0) was being displayed instead of the appropriate migration message when there were no matchers for a new client. The change occurred in the UI of the IPautomata component where migration messages are displayed for new clients. The purpose of this change was to correct the display message so that new clients receive the appropriate migration message, enhancing clarity and improving user experience. This change was customer-facing, affecting new clients using the IPautomata component. (AP-30686)
- **Fixed sorting issue for edited recurring events in the schedule list.** The sorting order of edited events with recurring occurrences was corrected. Previously, when an event was edited, it was placed at the bottom of the list instead of being sorted in chronological order. The change occurred in the scheduling list UI, specifically within the calendar or event scheduling component where events are listed. The purpose of this change was to ensure that edited recurring events are correctly placed according to their scheduled time, maintaining proper chronological order within the event list to enhance user experience and avoid confusion. This change is customer-facing as it impacts how users see and manage their scheduled events within the UI. (AP-30689)
- **Assignee Field Optionality Issue in Workflow Designer's 'Update Task' Feature.** The change makes the assignee field optional in the 'update task' feature within the workflow designer, rather than mandatory, aligning with user needs and expectations. The change occurred in the update task action of the Workflow Designer section within the AIOps platform. The purpose of this change was to rectify an issue where the assignee was set as a mandatory field, which was not desired in most use cases. Making this field optional prevents workflow disruptions and allows for greater flexibility in task management. The change affects the customer-facing aspect of the product, primarily impacting users who design and manage workflows in the AIOps platform. (AP-30692)
- **Updated Redirection to Correct Login Page Post Logout.** The redirection process was updated to ensure users are taken to the correct login page after they log out. The change affects the redirection behavior of the logout feature, specifically targeting the login page transition post logout. The purpose of this change was to fix an issue where users were not being redirected to the correct login page following a successful logout, enhancing the user experience by ensuring seamless navigation. This change is primarily customer-facing, impacting any user interacting with the login/logout process. (AP-30693)
- **Enhancement to Automations HTTP Client for Redirect Handling.** The Automations HTTP client was modified to follow HTTP 301 redirects automatically, aligning its behavior with common HTTP client standards and expectations. The change does not directly affect the UI as it pertains to the backend

behavior of the Automations HTTP client component. The purpose of this change was to ensure that the HTTP client correctly follows redirect responses (such as HTTP 301), thereby completing requests and returning the redirected content as expected. This improvement resolves issues where the client previously would not follow redirects, potentially leading to incomplete data retrieval or errors. This change affects backend operations, improving the reliability and functionality of automated tasks that depend on HTTP requests handling redirects seamlessly. Users involved in automation setup and backend processes are indirectly affected by the improved capabilities of the system. (AP-30697)

- **Improved Error Messaging for MySQL Connection Failures in IPconnect.** A user-friendly error message was implemented to replace the cryptic stack trace that appeared when an automation failed to connect to a MySQL database. The change occurs in the error display mechanism within the IPconnect component of the application, particularly when a connection to a MySQL database fails during automation execution. The purpose of this change was to enhance the clarity and usefulness of error messages for users. Previously, users were presented with a technical stack trace, which made troubleshooting difficult. The new descriptive error message provides clear information on the failure, assisting users in diagnosis and resolution. This change affects the backend of the application, although it has customer-facing implications since it directly impacts how users diagnose issues with database connections during automation processes. (AP-30700)
- **Implement Paginated Migration of Tags to Client Level to Prevent Timeout.** The migration script to move global tags to a client level has been modified to operate in a paginated manner to prevent timeouts during execution. This change does not directly affect the user interface (UI); it is a backend process related to database migration. The original migration script failed during execution due to a timeout issue when applied to a customer UAT environment. The purpose of the change is to ensure a successful migration by implementing pagination and optimizing the SQL query. This change affects the backend. It is not visible to customers but ensures the system operates efficiently and without interruptions due to failed migrations. (AP-30702)
- **Fixed Class/Type Errors in Automation Following HTTP State.** This ticket addresses and fixes the issue where automation states intermittently failed with class/type related errors when executed following an HTTP state. The change is not directly visible in the UI as it pertains to backend processing of automation sequences that include HTTP states. The purpose of this change was to resolve intermittent failures due to class/type errors, ensuring smoother execution and reliability of automation sequences that include HTTP states. This change primarily affects backend processes, particularly developers and system administrators managing automation sequences. It indirectly enhances the reliability of systems for end-users relying on these automations. (AP-30703)
- **Fixed Sub-Folder and Workflow Options Display Issue at Page End.** The issue with the gear icon options not displaying properly for folders located at the end of the page has been resolved, ensuring that users can access sub-folder and workflow creation options without any display errors. The change was implemented specifically in the folder management section where the gear icon is used to access additional options for creating sub-folders or initiating workflows at the bottom of the page. The purpose of this change was to enhance the user experience by fixing the display issue with gear icon options, allowing users to efficiently create sub-folders and workflows without encountering visual obstacles. This change primarily affects the customer-facing aspect of the application, as it directly impacts how end-users interact with the folder management features in the UI. (AP-30713)
- **Resolved Connection Issue with Long SQL Command Execution.** A connection failure issue that caused SQL command execution to be interrupted with a Connection refused error has been resolved. There

was likely no direct change in the user interface; instead, the issue was addressed in the underlying processes handling SQL command executions. The purpose of this change was to ensure that SQL commands, regardless of their length, can execute without encountering connection issues, thereby improving system reliability and performance. This change primarily affects backend processes but indirectly benefits end-users by eliminating disruptions related to SQL command executions. (AP-30715)

- **Incompatibility Issue: react-vis Fails to Function with React 19.** The issue highlights that the react-vis library is non-functional when used with React version 19, indicating potential compatibility problems that need addressing. This issue likely affects any part of the UI utilizing the react-vis library for data visualization, though no specific UI component change has been applied yet as this is a problem identification rather than a resolution. The purpose of this ticket is to identify and resolve the compatibility issues between react-vis and React 19 to ensure smooth functionality and preserve the integrity of data visualization within the application. This is a customer-facing issue affecting the UI components that rely on react-vis for rendering visualizations, impacting users trying to utilize these features. (AP-30720)
- **Resolve Dual Approved States for Automata Versions Post-Matcher Migration.** This ticket addresses an issue where, after a matcher migration, both the old (v1) and the new (v2) versions of an automata were incorrectly marked as approved, leading to both versions being triggered simultaneously during matching tasks. The change impacts the automation management interface within the AIOps platform, specifically where the status and versioning of automata are displayed, ensuring only the intended version is marked approved. The purpose of this change is to prevent operational conflicts and resource misallocation by ensuring that only one approved version of an automata is active following a migration, thereby streamlining the task execution process and maintaining consistency. This change primarily affects backend processes related to the automata management system. It impacts AIOps engineers and system administrators who manage and deploy automata within the platform. (AP-30721)
- **Resolve Stack Overflow and Timeout Errors in AIOps Ticket Management.** The ticket addressed the stack overflow error that occurred when attempting to close tickets in the AIOps system, as well as the timeout issue when updating tickets. This also involved examining the related backend service logs and making necessary fixes. Changes occurred in the ticket management section of the AIOps UI, specifically when closing tickets and during the ticket update process, where users were previously encountering errors. The purpose of this change was to fix critical issues of stack overflow and timeouts that disrupted the normal operation of the AIOps platform's ticket management functionality, ensuring users could reliably close and update tickets. This change primarily affects the backend service responsible for ticket handling, but it also has customer-facing implications as it resolves errors experienced by users during ticket operations in the AIOps application. (AP-30724)
- **Implement Predictable Order for Tabs in Content Packs.** The order of tabs in content packs was modified to have a consistent, predictable sequence. The change was implemented in the AIOps Core UI where content packs are displayed. The purpose of this change was to enhance user experience by providing a consistent tab order, making navigation more intuitive and efficient. This change is customer-facing. It impacts how end-users interact with the content packs in the UI. (AP-30727)
- **Enhancement of Group Settings Display in Content Packs.** The ticket improved the way group settings are displayed within content packs, offering a more organized and user-friendly interface. The change occurred in the AIOps Core UI, specifically within the section that handles the grouping of settings in content packs. The purpose of this change was to enhance the user interface by providing a clearer and more intuitive way of viewing and managing group settings within content packs, thereby improving the

overall user experience. This change was customer-facing as it directly impacts the users interacting with the AIOps Core UI to manage content packs. (AP-30728)

- **Update Gateway Block Counting in Workflow Loop Prevention.** The change involves modifying the logic to correctly count gateway blocks in workflows by including specific subtypes of Gateway in the activity count to ensure accurate loop prevention in workflows. This change did not directly affect the user interface. It was a backend modification in the workflow validation process. The change aimed to resolve an issue where the workflow engine was not correctly counting gateway blocks due to the incorrect inclusion of only the supertype Gateway, rather than its specific subtypes, which could lead to incorrect loop detection and prevention. This change primarily affected backend processes related to workflow management and validation, rather than being customer-facing. (AP-30730)
- **Fixed GenAI Error in 'Resolve with AI' Task using OpenAI GPT-4o.** A bug was fixed where a GenAI error was being displayed when users attempted to resolve tasks with the 'Resolve with AI' option using the OpenAI version gpt-4o/gpt-4o-2024-08-06. The change affects the task resolution interface in the 'Resolve with AI' section within the AIOps platform. The purpose of the change was to resolve an error that prevented users from utilizing the AI-assisted task resolution feature, thereby improving functionality and user experience. This change affects backend processes that integrate AI functionalities, ultimately impacting customer-facing elements by ensuring the feature works correctly. (AP-30734)
- **Fix Default Client Display Issue During Integration Creation.** The issue where Global was incorrectly displayed as the client during the creation of a new integration has been fixed to ensure the correct client name is shown. The change occurred in the integration creation interface, where the client name is initially displayed. The purpose of this change was to eliminate confusion by ensuring the correct client name is displayed when initially creating an integration. This prevents users from thinking the integration might be created under an incorrect client profile. This change affects customer-facing parts of the UI, specifically users creating new integrations. (AP-30737)
- **Fix Display of Unsafe Alert and Selection Values for Correlation Rules.** A bug was fixed that resolved the issue of an unsafe alert being displayed upon saving a correlation rule. Additionally, the selected values are now consistently displayed both during and after the creation of rules. The change occurred in the interface where users create and save correlation rules, affecting the part of the UI that displays alerts and selected values from drop-down menus. The purpose of this change was to enhance the user experience by removing an unnecessary alert that could lead to confusion and ensuring that the UI accurately reflects the user's selections in the creation of correlation rules. This change was customer-facing, specifically affecting users who create and manage correlation rules within the application. (AP-30753)
- **Resolved Issue with Missing Cascade Values in Tasks UI when Default Workflow Type Configured Differently.** The issue where cascade values were not displayed on the Tasks UI page when a different type of workflow was set as the default has been resolved. Now, the cascade values appear correctly, irrespective of the default workflow type configuration. The change occurred on the Tasks UI page, which is part of the user-facing interface dealing with task management and workflow configurations. The purpose of this change was to ensure consistency and accuracy in displaying cascade values, which is crucial for users relying on these values for task management. This ensures that users can manage tasks effectively without confusion caused by missing data in the interface. This change affects the customer-facing UI. It was an issue impacting end-users who interact with task and workflow settings within the application. (AP-30755)

- **Fix Event Attribute Correlation in AIOps.** The bug preventing events with matching attributes from being correctly correlated according to the created correlation rule has been resolved. This ensures that events with different host/service names but matching attributes are now correctly correlated. The change affects the AIOps Event Management interface, specifically under Rules and Tasks sections, where the correlation logic is applied. The purpose of this change is to ensure that the correlation rules within AIOps work as intended, allowing events with matching attributes to be correlated properly, thus providing accurate event analysis and management. This change is backend-focused as it primarily affects the logic and processing of event correlations within the AIOps system, although it ultimately benefits customer-facing users by providing correct and efficient data correlation. (AP-30758)
- **Fix for Workflow Approval and Ticket Closure Issues.** This ticket addresses issues within the service request workflow where approvals/rejections are not processed correctly on the first attempt, and requests are not closing automatically after automation is completed. The changes impact the service request approval/rejection functionality and the ticket closure process within the workflow on the Amelia support interface. The purpose of this change is to ensure the workflow processes service request approvals/rejections correctly on the first attempt and automatically closes tickets after successful execution, improving efficiency and user experience. This change affects the backend processing of workflows and is customer-facing as it impacts users interacting with the ticketing and service request system on the Amelia support platform. (AP-30765)
- **Tooltip Added to 'Enable Anomaly Detection' Option for Enhanced User Guidance.** A tooltip has been added to the 'Enable anomaly detection' option to provide users with additional information when they hover over it. The change occurred in the settings interface where the 'Enable anomaly detection' option is located. The purpose of this change was to improve user experience by providing contextual information that helps users understand the function of the 'Enable anomaly detection' option. This is a customer-facing change, as it directly impacts the user interface and the information available to users. (AP-30794)

1.3 EPIC

None in this release.

1.4 STORY

- **Enhanced Scheduling Options for End-of-Month and Specific Weekday Occurrences.** Users can now schedule events on the last day of any month and on the last occurrence of a specific weekday within a month, with flexible adjustment for varying month lengths. These scheduling options have been added to the event creation interface within the calendar application, providing new options for 'last day of the month' and 'last occurrence of a weekday.' The change addresses user needs for more flexible and precise scheduling capabilities, allowing them to better plan events that align with specific monthly endings or weekly patterns. This change is customer-facing, impacting end-users who utilize the calendar application to manage their events and schedules. (AP-28091)
- **Addition of Opt-in AI Summarization Settings for Tasks.** Users are now able to control AI summarization for tasks through new settings. They can disable the feature, enable manual summarization, or allow automatic summarization based on task priorities. The changes are implemented in a new Task - Settings view/page. This page allows users to manage AI summarization settings for their tasks. The

purpose of this change is to provide users with more control over AI summarization, allowing them to enable or disable it based on their preferences or specific task priorities. This creates flexibility for users to utilize AI-generated summaries only when necessary or desired. This change is customer-facing, as it directly impacts users who interact with task management features and wish to utilize AI summarization capabilities. (AP-29210)

- **Enhancements for Configurable Retry Mechanism in Automation Engine's HTTP Request State.** A configurable retry mechanism was introduced for the HTTP Request State in the automation engine. This includes setting options for retry count, retry timer, and request timeout. These features ensure stable and robust automated workflows by handling transient errors more efficiently. The changes can be configured in both the Automation Settings view and Automation Workplace. These interfaces now allow administrators and automation developers to set default values and override retry settings for HTTP requests. The purpose of these changes is to increase the reliability and effectiveness of automated workflows by allowing them to manage transient errors through configurable retry attempts with specified timeouts and delay strategies, including exponential backoff between retries. This change primarily affects backend processes and is designed with backend users in mind, including administrators and automation developers who configure and manage automation workflows. It ultimately benefits end-users by improving the stability of automated processes. (AP-29448)
- **Enhanced Filename Format for Exported Automation Files.** The naming convention for exported automation files was updated to include the automation name and export date in the filename. The new format follows <AutomationName><YYYYMMDD>.json, providing more context and aiding in version tracking. The change occurs within the export functionality of the automation section, where users manually export automation files. The purpose of the change is to improve file management by making filenames more descriptive, preventing accidental overwrites, and simplifying version management across different applications. This helps in quickly identifying, organizing, and referencing files without manual renaming. This change is customer-facing as it impacts how users exporting automation files interact with the system and manage their files. (AP-29865)
- **Introduce Experimental Python Support in Automation Engine.** Experimental support for Python scripting has been added to the automation engine, enhancing its capabilities by allowing users to write and execute Python scripts within their workflows, thanks to GraalVM's multilingual features. Changes are reflected in the automation engine section where users can now access the experimental option to enable or disable Python support for their workflows. This may also include UI elements for scripting and logs related to Python scripts. The purpose of this change is to extend the automation engine's flexibility by incorporating Python, allowing users to leverage Python's rich ecosystem of libraries and integrate it into their data manipulations and workflow logic, thereby enhancing automation capabilities and enabling more complex operations. This change primarily impacts backend systems, where the automation engine operates, but it also has customer-facing components as it affects how users interact with the automation engine via the UI to script workflows using Python. (AP-30104)
- **Enable Direct Setting of Attributes in EventFlow Without Data Extraction.** A new feature was added that allows users to set the value of existing attributes or add new attributes directly, without the necessity of extracting data from source fields or attributes. This change is relevant to backend processing and does not directly alter the user interface. However, it impacts how users can configure data attributes within the EventFlow system. The purpose of this change is to enhance flexibility in the EventFlow system by allowing attributes to be set or added directly. Previously, users could only extract and manipulate data from existing attributes, limiting the ability to manually set or initialize attribute

values. This change affects backend systems, specifically the data processing workflows within EventFlow. As such, it primarily impacts developers and administrators managing these systems rather than end users. (AP-30241)

- **Enhancements in Native Email Integration for Shared Mailbox Management.** The ticket introduces a logic to set the default task type for emails in a shared mailbox environment, alleviating the need for multiple task type mappings. Moreover, it proposes a dynamic system for setting the From email address for outgoing emails. The changes happen in the backend logic associated with email task type mapping and the dynamic setting of From email addresses, although they're indirectly reflected through improved functionality in the UI without visible changes. The purpose of the change was to streamline email integration for clients using a shared email mailbox, reducing manual task type mapping configuration and ensuring each client receives emails from their designated address. This change aims to improve efficiency and client experience in email communications. This change primarily affects the backend operations and the overall email handling process but is customer-facing in terms of the native integration's improved functionality for end-users. (AP-30588)
- **Enhanced Task Visibility in Microsoft 365 and Google Gmail Integrations for Amelia AIOps.** The change involved enhancing the native email integration components of Amelia AIOps to capture the To: and CC: fields from inbound emails as task attributes. This update provides greater visibility into the stakeholders involved in each email directed to the Service Desk. The change affects the task view within the Amelia AIOps interface, where the To: and CC: fields from incoming emails are now displayed as task attributes. The purpose of this change is to give teams better insights into the stakeholders involved by capturing and displaying the To: and CC: email fields as task attributes. This ensures uniform functionality across all email integrations and aligns the enhancement with existing AIF-based Email Adapter logic, providing a seamless experience. This is primarily a backend change affecting internal team workflows by providing additional information about email tasks. However, it also impacts the end-users who interact with tasks in the Service Desk by allowing them to see who was included in the original communications. (AP-30604)
- **Enhanced Domain-Based Filtering for Outbound Emails in Microsoft 365 and Google Workspace Integrations.** The integration for Microsoft 365 and Google Workspace Gmail has been enhanced to support domain-based filtering for outgoing emails, allowing users to specify accepted domains and deliver emails only to those domains. A new field has been added in the integration UI where users can enter a list of accepted domains for outgoing emails. The UI now also validates domain entries for correct formatting. The purpose of this change is to provide users with more control over outgoing emails by allowing them to restrict email delivery based on the recipient's domain. This meets customer requirements for enhanced email delivery restrictions and centralizes control over outgoing email permissions. This change affects both backend processes and its customer-facing. Users interacting with the Microsoft 365 and Google Workspace Gmail integrations will notice the new domain filtering feature and related UI changes. (AP-30605)
- **Introduce Opt-in AI Summary Settings in Tasks UI.** This update introduces an opt-in feature for AI-generated summaries in the Tasks UI. Users can now enable or disable this feature for a single tenant, choose manual or automatic summary generation, and specify priority settings for AI summaries. The changes are located in a new Task - Settings view/page, where users can configure the AI summarisation settings and priorities. Additionally, the visibility of the Summarise with AI button and the AI summary view is controlled based on these settings. The purpose of this change is to give users flexibility and control over the use of AI-generated summaries, allowing them to opt-in for the feature and tailor it

according to their specific needs, such as enabling it only for certain task priorities. This change is customer-facing, as it directly impacts users who interact with the Tasks UI and wish to utilize the AI summarisation functionalities for their tasks. (AP-30748)

- **Update Announcement File for Amelia AIOps 3.10.0.** The announcement file for Amelia AIOps has been updated to reflect the new version 3.10.0, replacing the previous version information. The update is in the announcement or notifications section where release information is displayed, likely seen by users upon starting the application or accessing the release notes section. The purpose of this change is to ensure users are informed about the latest version and updates in Amelia AIOps 3.10.0, facilitating a clear understanding of new features or corrections included in this release. This change is customer-facing as it directly informs end-users and stakeholders about the new version release details. (AP-30762)

1.5 TASKS

- **Enhance Eventflow to Prevent Duplicate Processing of Identical Events in Error Cases.** The Eventflow system has been updated to ensure that identical events are not processed multiple times in the case of an error. This involves checking if an event, identified by its `externalEventId`, has already been processed. If it has been processed successfully, any duplicate attempts will return a `409 Conflict`, and if the processing resulted in an error, the system will allow re-processing. This change is backend-focused and does not directly affect the user interface. It occurs within the Eventflow service when processing events through the `/process` API. The purpose of this change was to ensure idempotency in the Eventflow system. It aims to prevent the saving of duplicate events or tickets which could lead to data redundancy and potential issues within the system caused by retries on client errors. This change primarily affects the backend systems handling event processing. However, it indirectly benefits customers and end-users by ensuring system stability and data integrity during event retries caused by errors. (AP-28273)
- **Enhance Authority Management for Main Menu and Quick Navigation Elements.** The handling of authority attributes in the main menu and quick navigation elements was revised to reduce complexity and ensure correct element display. Specifically, the update involves adjusting the visibility logic of parent and child menu elements based on their respective authorities. The changes impacted the main menu and quick navigation components, where menu visibility for both parent and child elements has been altered based on their authority settings. The purpose of this change was to streamline the code complexity concerning authority management in the UI and to ensure that elements display correctly based on user permissions. This ensures consistency in how the application handles authentication and visibility of menu components. This change affects the customer-facing components of the application, specifically users interacting with the main menu and quick navigation UI elements. Additionally, it requires collaboration with the backend team to ensure proper authority assignments are maintained. (AP-29356)
- **Removal of Deprecated Correlate API Endpoint.** The deprecated API endpoint, which was retained for compatibility reasons due to a previous issue (AP-29391), has been removed from the codebase. There was no change in the UI, as this alteration pertains solely to backend operations and API management. The purpose of this change was to eliminate technical debt by removing obsolete and unused code, ensuring a cleaner and more efficient codebase. This change affects the backend system and does not have a direct impact on the customer-facing interface. (AP-29403)

- **Implement Lazy Loading for Automaton Versions in Approval Requests.** The change introduces lazy loading for AutomatonVersion when retrieving approval requests, thereby preventing the eager fetching of all automaton versions. This change occurs in the backend processes related to fetching automaton approval requests, not directly affecting the UI. The purpose of this change is to improve performance by reducing the overhead caused by fetching hundreds of versions of an automaton. This change aims to optimize database operations and resource utilization. This change affects the backend processes of the system, particularly benefiting areas handling automaton approval requests. It is not directly customer-facing but improves system performance indirectly affecting customers. (AP-30142)
- **Enhanced UI for Creating Native Java Integrations.** A user interface has been developed to facilitate the creation of native Java integrations, including fields for Integration Name, Execution Group, Status, and File Upload for a single jar file. It also includes metadata information which displays the description and parameters. The change is located in the integration section of the user interface where users can create new Java integrations by providing necessary details and uploading jar files. The purpose of this change is to streamline the process of creating Java integrations by providing a user-friendly interface that allows users to input and manage the necessary information and files efficiently. This change is customer-facing, as it directly enhances the user interface experience for customers who are involved in creating and managing Java integrations. (AP-30428)
- **Implementation of Metrics Collection for GenAI Features.** This ticket introduced the collection of specific metrics for the GenAI features, including input, output, and total token counts. Additionally, features are tagged with identifiers such as ResolveWithAI, runbook/automation generation, summary, RCA, and more. There is no direct impact on the UI as this change is primarily focused on the backend system for tracking and analyzing GenAI feature usage. The purpose of this change is to enable the collection of data metrics for GenAI features. This helps in tracking usage and performance, understanding client interactions, and ensuring optimized usage of resources. It also aids in improving feature development and service customization based on client and provider-specific tags. This change primarily affects the backend system, tasked with gathering and analyzing the metrics for GenAI features. There is no direct impact on customer-facing aspects. (AP-30608)
- **Upgraded Libraries to Address Security Vulnerabilities in IPautomataLite.** The libcrypto library was upgraded from version 3.3.2-r1 to 3.3.3-r0 to address vulnerabilities CVE-2024-13176 and CVE-2024-12797. Additionally, the netty library was upgraded from version 4.1.115.Final to 4.1.118.Final to remediate CVE-2025-24970. This change is not reflected in the UI as it pertains to backend library upgrades targeting security vulnerabilities. The purpose of this change was to enhance the security of the IPautomataLite component by patching known vulnerabilities in the library dependencies, ensuring the system's integrity and protection against potential security threats. This change affected the backend of the system, primarily targeting developers and system administrators responsible for maintaining system security. It is not directly customer-facing but enhances the overall security of systems users may interact with. (AP-30662)
- **Frontend Update for Task Workflow to Use 'tagNames' Instead of 'tags'.** The change addresses a workflow issue where updating a task would cause the workflow to become stuck. The frontend was modified to send 'tagNames' instead of 'tags' when updating a task, aligning it with the new backend tag updater to resolve the issue. The change was implemented in the workflow Task Update block within the AIOps interface, where users manage tasks by assigning them and modifying their attributes, including tags. The purpose of this change was to fix the recurring issue where workflow processes would halt due to the task update block not properly communicating tag updates. By using 'tagNames',

the workflow can process updates correctly and maintain its intended functionality, improving the user experience. This change is customer-facing, affecting users interacting with the task workflow interface in AIOps, as it ensures a smoother and error-free task update process. (AP-30688)

1.6 SUB-TASKS

None in this release.