AMELIA

AIOps

AMELIA's Autonomic IT Management Platform

Release Notes 3.0.0
(Document Version 1.0)

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AMELIA

Document History

Author	Version	Date	Comments	Final Approval?
AMELIA Research & Development	1.0	May 22, 2024	Added tickets for 3.0.0 release	Yes

1. Release 3.0.0

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

1.1 RELEASE HIGHLIGHTS

- A new Event Management Application that simplifies the process of defining and managing event rules, especially for users who may not be familiar with the underlying syntax or concepts of Amelia AIOps Esper query language.
- Separating matchers (or filters) from automations in Amelia AIOps promotes modularity, allowing you to reuse automations matching across multiple matchers. This modularity simplifies maintenance and promotes consistency, as changes to matching criteria can be made in one central location. It also enables you to create libraries of reusable matchers that can be shared across different instances, reducing duplication of effort and promoting reuse.
- Descriptive module names instantly convey the purpose or functionality of a particular component to users, regardless of their familiarity with Amelia AIOps. Clear and meaningful names eliminate ambiguity and reduce the requirement to understand the role of each module within the application.
- Drawing upon generative AI, automations are swiftly and automatically generated from customers' runbooks and standard operating procedures stored in various platforms natively integrated with Amelia AIOps.
- The accumulated knowledge stored in runbooks and the individual's skills form a valuable source of best practices. Resolve with AI leverages this knowledge, assisting the engineer in finding the next action while triaging and fixing the incident.
- By providing a library of pre-built GUI-based native connectors for popular systems and protocols that require no code to set up or configure, users can complete integration tasks without requiring developer skills, where the completed integration with Zabbix will inject events and performance metrics into AIOps within minutes.
- Amelia AIOps is enhanced with a pre-built and native integration with the Australian company Atlassian's Confluence platform. The integration is easy to set up and configure and feeds the platform's Task and Automation Workspaces and the new generative AI capabilities.

1.2 BUGS

- [AP-28196] - IPconnect: unable to turn off Switch User for SSH connection
- [AP-28200] - IPradar: connect tab does not send hostname correctly
- [AP-28502] - Correlate API: search by name api should also support params clientId and global
- [AP-28555] - [GUI] IPradar, Ticket events tab updates
- [AP-28760] - IPdeploy - Integration source status persist failure

1.3 EPIC

- [AP-27760] - Native Integrations
- [AP-27769] - Simplify correlation engine rules
- [AP-27786] - Split matchers and automations
- [AP-27908] - Zabbix: Event Integration
- [AP-27987] - Vector based knowledge engine
- [AP-28086] - Resolve With AI

1.4 STORY

- [AP-27778] - IPcorrelate: new simplified UI
- [AP-27785] - Generate an automation runbook using information from existing ticket
- [AP-27790] - Simplify Radar UI
- [AP-27818] - Allow a user to modify a generated runbook with text instructions
- [AP-27825] - Show LLM typing in realtime
- [AP-27834] - Provide RCA for a ticket
- [AP-27842] - Show RCA already stored on a ticket
- [AP-27916] - Zabbix: Metrics Integration
- [AP-27919] - Zabbix: Event Mappings & Sync
- [AP-27920] - Zabbix: Event Automatic Imports
- [AP-27978] - Collect and store OpenTelemetry data
- [AP-27979] - EventFields API: Should return list of Event fields
- [AP-27980] - Update CorrelateApi for simplified correlation rules
- [AP-27981] - Attributes Extraction API: Used for creating new attributes from existing fields and attributes
- [AP-27982] - Support Correlation by extracted attributes
- [AP-28002] - Add authentication to OpenTelemetry
- [AP-28005] - Automatically start anomaly detection for key OpenTelemetry metrics
- [AP-28041] - New Matchers UI
- [AP-28047] - Use /AIOps instead of /Orchestrator [ui]
- [AP-28070] - Generate Runbook and automaton from Knowledge SOP Page and ticket data
- [AP-28081] - Resolve with AI: use runbooks in the resolution
- [AP-28089] - Save Resolve with AI log for the ticket
- [AP-28092] - Introduce Confluence data importer
- [AP-28153] - Enhance Events Index with Detailed Status Information: Suppression, Deduplication, and Correlation
- [AP-28166] - Resolve with AI: determine the end automatically
- [AP-28167] - Resolve with AI: show Generate button when the issue is resolved
- [AP-28170] - Resolve with AI: generate a runbook and automation from the conversation [backend]
- [AP-28173] - Resolve with AI: generate a runbook and automation from the conversation [ui]
- [AP-28174] - Use new vector engine to show SOPs in IPradar

- [AP-28252] - Resolve with AI: user should be able to reset the current session
- [AP-28310] - API to search correlation rules by name
- [AP-28319] - Correlate API: Get rule by id, search by name, fix update of old rules
- [AP-28342] - OpenAI integration
- [AP-28360] - Add attribute extraction configuration ids to event, don't override if similar attribute exists
- [AP-28429] - Test endpoint for integrations
- [AP-28430] - API: Create and retrieve integration source status by integration id
- [AP-28435] - Integrations: secure and hidden properties
- [AP-28443] - Integrations: add validation API URL
- [AP-28462] - IPradar: Make ETA status of selected ticket less intrusive
- [AP-28468] - Zabbix: use locksmith / secure variables
- [AP-28469] - Zabbix: allow to configure filters to import data
- [AP-28479] - Content Pack integrations UI
- [AP-28487] - Resolve with AI: Visualise wether the proposed action is service affecting
- [AP-28497] - Knowledge document integration: test endpoint
- [AP-28503] - Publish status for knowledge integrations
- [AP-28535] - AIOps: Rename all modules with IP[module] naming [ui]
- [AP-28536] - AIOps: Retire the EndToEndAutomation Module
- [AP-28546] - Zabbix: Copy all Event Tags into event attributes in AIOps
- [AP-28547] - Zabbix: filter and map events to AIOps priorities
- [AP-28556] - Remove warnings from integrations status after a timeout or when issues are resolved
- [AP-28567] - Resolve with AI: research how to deal with correlated events
- [AP-28573] - Generative AI: Generate an automation from a Runbook directly in Automata [backend]
- [AP-28603] - Generative AI: Generate an automation from a Runbook directly in Automata [ui]
- [AP-28604] - Resolve with AI: Visualise wether the proposed action is service affecting [ui]
- [AP-28608] - Native Integrations UI
- [AP-28616] - Use /AIOps instead of /Orchestrator [backend]
- [AP-28729] - Native Integrations status
- [AP-28730] - Native Integrations: ability to test integrations

1.5 TASKS

- [AP-24546] - Upgrade OpenSearch to v2.11
- [AP-24547] - Upgrade Opensearch Dashboards to v2.11
- [AP-27252] - Automata/Workflow: trash button doesn't work
- [AP-27823] - Add a link to Anomaly Detection to the menu
- [AP-28054] - Introduce knowledge engine API
- [AP-28055] - Introduce Knowledge data importer
- [AP-28116] - Change title to Amelia AIOps
- [AP-28119] - Replace highlighting with icons in IPradar
- [AP-28122] - Allow users to generate automations from Resolve with AI section
- [AP-28140] - Attributes API for simplified correlated rules

- [AP-28165] - Anomaly Event: populate attributes
- [AP-28177] - If No LLM integration is active, use OpenSearch embeddings
- [AP-28182] - IPradar, ticket's anomaly event details: remove irrelevant data
- [AP-28203] - IPradar: Ticket SOPs using new knowledge engine
- [AP-28241] - Use Session Mode from Connection Schema for ResolveWithAI
- [AP-28258] - Runbooks: Add global client data to the search results
- [AP-28282] - CRUD API for integrations
- [AP-28284] - Remove EndToEndAutomation page [ui]
- [AP-28325] - Confluence integration
- [AP-28326] - Knowledge module integration
- [AP-28328] - Integrations export/import
- [AP-28364] - Introduce IPkm Locksmith user
- [AP-28393] - Zabbix: handle items and events
- [AP-28478] - Zabbix: publish integration status
- [AP-28522] - Update OpenSearch base image to support native embeddings
- [AP-28533] - Zabbix: Configure native integration on QA1
- [AP-28583] - Show descriptive message on UI when no Generative integration is configured
- [AP-28591] - Upgrade k8s to latest 1.29
- [AP-28614] - Add a warning when embedding configuration is changed for a client
- [AP-28634] - Remove default documents for knowledge integrations
- [AP-28651] - Skip images when saving Confluence document
- [AP-28674] - IPautomata - Ignore Execution Mode(AUTOMATIC or MANUAL) with new matcher
- [AP-28728] - Start knowledge document import when saving integration
- [AP-27880] - Task information widget
- [AP-27881] - Events status widget
- [AP-27998] - OpenTelemetry collector: add authentication
- [AP-28007] - OpenTelemetry: check if we can write traces into metrics index
- [AP-28230] - Fix clicking on SOP item under SOPs tab when there are documents with the same name
- [AP-28237] - Convert downtime migration service into java flyway migration
- [AP-28245] - Add ID field into PerfdataElastic document
- [AP-28279] - Eventflow: drop legacy code
- [AP-28297] - Eventflow, OpenSearch Event data migration
- [AP-28299] - Home page: populate Suppression/Deduplication/Correlation
- [AP-28320] - Resolve with AI: truncate details widget header
- [AP-28322] - Update security plugin
- [AP-28338] - UI: rebase master
- [AP-28396] - Update/Enable security-tls plugin
- [AP-28438] - Update opensearch-reposiroty-s3 plugin
- [AP-28445] - Eventflow: add 'source' into Event/PerfData
- [AP-28447] - Zabbix, Experimental Event Integration: support recovery event
- [AP-28448] - Zabbix, Event integration: verify recovery event handling
- [AP-28541] - Eventflow: exception in CorrelateApi#updateRule

- [AP-27797] - Design Sub-task Simplify Radar UI
- [AP-27798] - Design Sub-task IPcorrelate: new simplified UI
- [AP-27966] - Integration module
- [AP-28118] - Design Sub-task Display events and exceptions
- [AP-28120] - Design Sub-task Replace highlighting with icons in IPradar
- [AP-28123] - Design Sub-task Allow users to generate automations from Resolve with AI section
- [AP-28129] - Design: Topological dependency & availability chart