AMELIA

AI Ops/Alite

AMELIA's Autonomic IT Management Platform

Release Notes 3.6.0
(Document Version 1.0)

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Document History

Author	Version	Date	Comments	Final Approval?
AMELIA Research & Development	1.0	November 11, 2024	Added tickets for 3.6.0 release notes	Yes

1. Release 3.6.0

This section briefly lists changes to AIOps for this release.

1.1 RELEASE HIGHLIGHTS

None with this release.

1.2 BUGS

- [AP-30123] - A fix was applied to address intermittent hangs in the Automata Lite service caused by unexpected end-of-stream errors during PowerShellOverSSH sessions. This change ensures more stable and reliable connections without requiring frequent service restarts. Since the issue was related to backend processes, there are no visible changes in the user interface. The fix improves the service's stability by preventing session interruptions and the need for manual restarts. While customers won't see direct UI changes, they will experience better overall service performance and reliability.
- [AP-30050] - The issue causing execution failures on older Alite versions (alite-2.6.3) has been fixed to ensure smooth operations. This change impacts the backend and improves compatibility, ensuring stable execution across all connection types. It mainly affects developers and system integrators working with Automata and older Alite versions.
- [AP-30011] - This ticket introduced two changes: overriding the default regex for prompt detection in PowershellOverSSH connections and adding a "Delay After Prompt Detected" UI parameter to improve connection handling. These changes address automation failures in Windows environments and enhance reliability for developers and administrators configuring Windows-based automations.
- [AP-29775] - This ticket fixes an issue where automation in Alite was stuck due to an oversized mutation error in Cassandra. The change ensures automation processes complete successfully without interruption, improving backend reliability. Users benefit from more stable automation execution, though the fix is not visible in the GUI.
- [AP-29763] - This update improves performance in IPconnectLite by preventing crashes and slowdowns when handling large data files. It optimizes data transmission by bundling lines into fewer gRPC messages, enhancing stability and efficiency. While no UI changes are made, the fix improves backend performance, ensuring smoother processing of large files and benefiting users through better system reliability.
- [AP-29695] - The system was updated to prevent redundant state executions during the recovery process, optimizing performance and reducing unnecessary operations. This change does not impact the user interface, as it focuses on backend recovery logic. Its purpose is to enhance efficiency by avoiding duplicated state executions, improving overall system performance and reliability. While not directly customer-facing, it benefits customers by ensuring a smoother and more reliable system.

1.3 EPIC

None in this release.

1.4   STORY

None in this release.

1.5   TASK

- [AP-30143] - The ticket involved upgrading some important software components to fix security problems. The Spring Framework was updated from version 6.1.13 to 6.1.14, commons-io was upgraded to version 2.17.0, and libcrypto was updated from 3.3.2-r0 to 3.3.2-r1. These updates didn't change the look or feel of the user interface, but they made the system more secure by fixing vulnerabilities in these components. This change mainly affected the backend of the system and wasn't visible to customers, but it helped make the ALite application safer to use.
- [AP-29704] - The ticket reduces the number of times the system calls the AutomatonProxyService#getAutomatonVersion method by improving certain processes that were making unnecessary calls. This change does not affect the user interface as it focuses on backend optimizations. The goal is to improve system performance by reducing unnecessary calls, which helps make the retrieval of automation versions more efficient. While this change mainly impacts the backend, it could improve system speed and responsiveness for all users.