Qualys Cloud Agent Linux 5.9 (x64)

January 2023

We're excited to tell you about new features, improvements, platform coverage changes, and fixes in this Cloud Agent release. These updates are specific to the agent binary. Platform updates for new features and fixes of management, syncing, tagging, and reporting capabilities of Cloud Agents are documented in the Cloud Platform and Cloud Suite release notes.

New Features

- OCI Agent uninstallation: Added support for communicating the agent uninstallation to the Oracle Cloud Infrastructure (OCI).

  When you uninstall the agent using the rpm command, uninstallation script, or the Cloud Agent user interface, the Cloud provides the uninstallation information to Oracle Cloud Infrastructure.

- Added support for new Cloud Provider: Alibaba Cloud. The Cloud Agent can be installed on the instances in Alibaba Cloud and view vulnerability assessment findings with your Qualys subscription.

Enhancements

- File Integrity Monitoring (FIM)
  - For all FIM events, Cloud Agent provides the file size in the event details.
  - For all FIM events, Cloud Agent provides the full command that is used to invoke the analyzed process.
  - Support for file content change tracking: Cloud Agent tracks the changes in the file when content changes are detected. This is supported only for files with less than 50KB in size.
  - Cloud Agent captures the user performing any operation- individual or a system user. This helps in identifying a possible malicious user using a sudo command. This is displayed in the FIM event details in the Adit User Name field.
    Required application version: File Integrity Monitoring (FIM) 3.7 or later
  - The Cloud Agent has introduced new AHS error codes to indicate when FIM prerequisite checks fail in the following scenarios:
    - auditd is not available
    - auditd is in an immutable state
    - Never task rule exists in the audit subsystem
    - SELinux package is missing

    Cloud Agent sends the error codes to FIM, and the corresponding error message is displayed for an asset in the FIM user interface.
- Custom Assessment and Remediation (CAR)
  - The script execution status is set to Success irrespective of the script's exit codes, as the execution status indicates whether the script was executed on an asset.
- A new entry is added in the metadata table of the ChangeList.db to send a snapshot hash in every delta as part of the metadata table.

Behavior Changes

There are no behavior changes in this release.

Platform Coverage Support (Operating Systems)

Added support for the following platforms:
- Cloud Linux 6, 7, and 8
- Virtuzzo Linux 6, 7, 8, and 9

Fixed Defects

The following reported and notable issues have been fixed in this release.

ID	Description
LXAG-13987	We fixed an issue where the Cloud Agent could not invoke the remediation features when the agent activation code was changed.
	Now, when you change the agent activation code, the agent downloads the server configuration again. The Poll Interval is set to a positive value, and the remediation feature work as expected.

Known Limitations and Workarounds

There are no reported and notable issues open in this release.