Qualys Cloud Agent Windows 4.0

July 2020 (Updated August 2020)

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

- Support for Policy Compliance, added support for automated discovery and configuration assessment for instance based middleware technologies
    - Refer to Policy Compliance release notes and documentation on this feature
- Support for Indication of Compromise Response Actions
    - Refer to Indication of Compromise release notes and documentation for this feature
- Support for File Integrity Monitoring, added support for partial or full path filters in directory or file rules
    - Refer to File Integrity Monitoring release notes and documentation for this feature
- AWS IMDSv2 support
    - Added support for v2 of the AWS Instance MetaData Service that Cloud Agent uses to collect instance metadata in additional the original v1 service support
    - IMDS is required to be running and accessible by the Cloud Agent to properly collect and report on cloud provider instance metadata to the Qualys platform
- Added an option for the Agent not to use the system wide winhttp(s) proxy setting
    - Usage:
        - "QualysProxy.EXE /h off"   To ignore WinHTTP proxy (This command will create the registry key "WinHTTPProxy" under Qualys proxy key)
        - "QualysProxy.EXE /h on"   To not ignore WinHTTP proxy (This command will delete the registry key "WinHTTPProxy" from Qualys proxy key)

Enhancements

- Added proxy configuration support for Qualys Cloud Agent as part of the Microsoft Azure Security Center Standard Edition integration
- Improved robustness and status messages for Patch Management deployment jobs
- Updated kernel driver for File Integrity Monitoring
    - Improved event filtering
- Updates to libraries utilized by the Cloud Agent as follows:
    - SQLite bundled library version
    - LZMA bundled library version
    - RapidJSON bundled library version

        o   New library utilized by Cloud Agent – protobuf

Behavior Changes

The location for staging patches deployed through Qualys Patch Management has changed from C:\Windows\Temp\Qualys\Staging to C:\ProgramData\Qualys\PatchStaging

Platform Coverage Support (Operating Systems)

This release has no new platform coverage support. (This release and the previous release support Microsoft Windows 10 Build 2004 without requiring any agent changes.)

Fixed Defects

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

ID	Description
CRM-56669 CRM-59251 CRM-57540	Fixed an issue where the behavior for Patch Management reboot messages and deferment was inconsistent
CRM-57193 CRM-57762	Fixed an edge case where resource consumption would increase on some machines
CRM-56849 CRM-56823	Fixed an issue where Qualys Cloud Agent version in "Add or Remove Programs" was not updating correctly
CRM-59186	Fixed an edge case where Agent auto upgrade was failing
CRM-57420	Improved collection performance for hotfix IDs

Known Limitations and Workarounds

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