Qualys Cloud Agent Windows 1.6.0

Release Notes Revision 1

We're excited to tell you about new features, platform coverage changes, improvements, and bug fixes in the Cloud Agent Windows 1.6.0 release. These updates are specific to the agent binary. Platform updates for new features and fixes of management and reporting capabilities of Cloud Agents are documented in the Platform release notes.

CA Cloud Agent

New Features

No new features in this release.

Enhancements

- Agent log file management is improved with the following capabilities:
    - Log file size increased to 10MB from 5MB before rotating
    - Increased the number of archive log files to ten from one
    - Oldest archive file is removed as new archive files are created
    - Compress archive log files using LZMA and 7.z extension
    - Archive log files have date/time in the file name (example: Archive.mmddyyHHMM.txt.7z)
- Agent logs when the machine suspends (sleep or hibernate) and resumes to the Cloud Agent log file based on operating system events. This helps troubleshoot agent behavior relative to the machine state.
    - Example log file messages:
        - 05/08/2017 10:03:08.0282 [D94]: None: System is suspending operation (sleep or hibernate).
        - 05/08/2017 10:11:58.0879 [D94]: None: Resuming from a low-power state (sleep or hibernate).

Behavior Changes

- Installer deletes any existing files and directories in the target install location as part of a new installation. This change mitigates a potential security issue where a constructed file present in the target directory could be read by the agent.

Platform Coverage Support (Operating Systems)

No platform coverage changes in this release.

Bug Fixes

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

ID	Description
CRM-19819	Cloud Agent UI shows "Pending Assignment" for Windows agents in certain cases [fixed through UI update not agent fix]
CRM-23136	Fixed an issue where 1.5.6 installer fails with Access Denied error when upgrading the agent version
CRM-25935	Fixed an issue where agent does not gracefully handle a case where the manifest is deleted on the platform
CRM-25938	Fixed an issue where 1.4.5.xxx agents do not auto-upgrade to 1.5.6 (these agents will upgrade to 1.6.0 using this release)
CRM-27612	Fixed an issue where scans do not complete if there is a 50002 error
CRM-27702	Fixed an issue where scans fail due to Access Violation
CRM-27932	Fixed an issue where detected dates for vulnerabilities are incorrect
QAG-1620	Agent verifies manifest and configuration files at each service start-up
QAG-1832	Agent cannot be uninstalled in some cases when Resource Monitor is open and agent is selected [related to CRM-23136]
QAG-2241	Fixed an issue where network blackout windows are not honored when machine resumes from sleep
QAG-2242	Fixed an issue where invalid network blackout windows are cached and don't get changed by a new config profile
QAG-2449	Agent logs in UTC time zone but uses local system time for network blackout windows

Known Limitations and Workarounds

The following known limitations are open in this release:

ID	Description
CRM-27702	Agent scan fails in certain situations with Access Violation error
CRM-27423	Agent returns error: Error: 2, "The system cannot find the file specified" in rare cases
QAG-1301	Proxy server returns HTTP status 502 error when "Use Basic Auth" set to "False"
QAG-1364	Agent version is displayed as "File info for QualysAgent.exe missing from snapshot" in certain cases before the first Inventory data collection is processed
QAG-1927	Agent returns error: Error: 8, "Not enough storage is available to process this command" in rare cases
QAG-2194	Computer name truncated to 15 characters based on Microsoft best practices, while some version of Windows support up to 63 characters [https://support.microsoft.com/en-us/help/909264/naming-conventions-in-active-directory-for-computers-domains-sites-and]