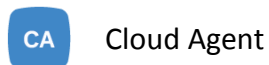


Qualys Cloud Agent Linux 2.3

January 2019

We're excited to tell you about new features, platform coverage changes, improvements, and bug fixes in this Cloud Agent release. These updates are specific to the agent binary. Qualys Platform backend, UI, and API updates for new features and fixes of management and reporting capabilities of Cloud Agents are documented in the Cloud Suite release notes and may be released on a separate schedule.



New Features

The following new features are available in this release:

- Support for Policy Compliance User Defined Controls (UDCs). When configured in the Policy Compliance module, Cloud Agents with Policy Compliance enabled will run the appropriate Unix User Defined Controls.
- Support for Qualys File Integrity Monitoring (FIM) on specific operating system platforms
 - Added Qualys FIM support for Oracle Enterprise Linux 5.9, 6.5, 7.2
 - Added Qualys FIM support for Amazon Linux 2
 - Qualys FIM supports “auditd compatibility mode” to run on systems that are using auditd for other auditing use cases
- Support for encrypted proxy username and password in proxy configuration files. See the Cloud Agent Linux Installation Guide for information on how to use this feature.

Enhancements

The following enhancements are available in this release:

- Updated AWS detection method for newer HVM instance types (m5, c5, ...)
- Agent compression processing of delta uploads are limited to 30% CPU in the rare event of compression utilization spikes
- Updates and changes to libraries utilized by the Cloud Agent as follows:
 - OpenSSL bundled library upgraded
 - Curl bundled library upgraded
 - Lua bundled library upgraded
 - SQLite bundled library upgraded
 - POCO bundled library upgraded

Behavior Changes

There are no new behavior changes in this release.

Platform Coverage Support (Operating Systems)

Added support for the following platforms:

- Amazon Linux SXE
- openSUSE Leap 15

Fixed Defects

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

ID	Description
CRM-39654	Added support for proxies configured with ALPN that were preventing HTTPS connections
CRM-42710	Fixed a permission issue with /usr/local/qualys on some CentOS distributions
CRM-44210	Updated the logging in the init cloud agent stop script
CRM-44748	Fixed a case with SwitchUserError exception
LXAG-1741	Fixed a case where agent received a "peer certificate" error before configuring the agent with the config-tool

Known Limitations and Workarounds

The following notable known limitations are open in this release:

ID	Description
CRM-18184 CRM-24383 CRM-33592 CRM-35008 CRM-36134 CRM-36154 CRM-36518 CRM-36618 CRM-40217 CRM-40870 CRM-44011	Miscellaneous VM QIDs and PC CIDs fixed in upcoming Linux 2.4 release
LXAG-469	Agent installed with RPM relocate fails to start on Fedora 24 [Workaround: do not relocate on Fedora 24]
LXAG-1463	FIM on Ubuntu 18.03 does not support syscall=257 for open call
LXAG-1322	FIM agent running under sudo user does not launch [Workaround: add secure_path entry in /etc/sudoers file]