

Qualys Cloud Agent Linux 2.6.0 (x64) / 2.6.2 (ARM)

May 2020 (Updated on 29 September 2020)

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:

- Client-side initiated "ScanOnDemand" function
 - This feature is used to trigger the agent to initiate an on-demand collection of the asset's metadata for supported activated modules: Vulnerability Management, Policy Compliance, and Inventory
 - Refer to the Cloud Agent Linux Install Guide for description of this feature
- Support for instances running AWS EC2 ARM processors
 - Including AWS Graviton2-based EC2 instances M6g, C6g, and R6g
 - This requires the deployment of a processor-specific installer and binary, Cloud Agent Linux 2.6.2, developed explicitly for ARM processors

Enhancements

The following enhancements are available in this release:

- Multiple proxy servers are now supported allowing for failover proxy servers
 - Refer to the Cloud Agent Linux Install Guide for description of this feature
- Added support for File Integrity Monitoring on Red Hat Enterprise Linux 7.6, 7.7, 8.0, 8.1, CentOS 8, SUSE Enterprise Linux 15, Ubuntu 19.04, 19.10, and Oracle Enterprise Linux 8.0, 8.1
- Added support for Policy Compliance UDC File Content Check multi-line regex and max file size limit
 - PCRE2 library is bundled with the standard Cloud Agent Linux distribution to support this feature
- Added support for Policy Compliance UDCs on Red Hat Enterprise Linux 7.7, 8 and openSUSE 15 operating systems
- Updates to libraries utilized by Cloud Agents as follows:

- Curl bundled library upgraded
- OpenSSL bundled library upgraded
- Poco bundled library upgraded
- SQLite bundled library upgraded

Behavior Changes

The following behavior changes are in this release:

- This release adds parallel uploads of supported application scan results (Vulnerability, Policy Compliance, and Inventory) for agents activated with multiple apps. This improves performance in cases where one scan delta upload will not impact the upload of another scan delta.
- Certain agent operating status log file entries were reclassified from Information to Debug increasing the number of days referenced in each log file and archive for agents set with Information log level in the agent's Configuration Profile.

Platform Coverage Support (Operating Systems)

There are no new platform coverages in this release.

Fixed Defects

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

ID	Description
CRM-55829	Updated detection for QID 372013 due to certain host configurations
CRM-40217	Updated detection for some older Oracle Java SE patch updates due to certain host configurations
CRM-35388	Updated detection for certain Red Hat Update for kernel due to certain host configurations
CRM-42916	Updated detection for CID 6059, 6060
CRM-52321	Updated detection for CID 10673, 10823, 10824 for certain Ubuntu host configurations
CRM-52255	Fixed an uninstallation issue on Debian where the entire Cloud Agent directory was not being removed if a symlink was used to change the root of the default installation directory
CRM-57827	Improved provisioning resiliency if permissions have been changed on hostid file outside of normal agent operations
CRM-62229	Improved permission resiliency if the Sudo configuration has an invalid command
CRM-64686 CRM-64219 CRM-61142 CRM-61079	Fixed an edge case high memory usage only occurring for long-running agents that have repeated connection failures when uploaded delta files [workaround: restart the agent once per week to clear out the RSS memory used]
CRM-56579	Improved File Integrity Monitoring handling on customer-defined auditd rules that conflict or overlap with the logic defined in the FIM monitoring profiles

CRM-54913	Fixed a case where agent was not auto-detecting running in AWS EC2 for little endian operating system builds
CRM-57113	Fixed a case where Policy Compliance UDC scans is generating errors in the log when running on Red Hat Enterprise Linux 7.6
CRM-53777	Fixed a case where File Integrity Monitoring can not load its monitoring profile rules on certain AWS EC2 AMI images with specific custom kernel builds
CRM-57808	Improved CPU usage for Policy Compliance on certain customized operating system distributions

Known Limitations and Workarounds

There no known notable open in this release.