

# Qualys Cloud Agent Linux 2.4

July 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 File Integrity Monitoring on Ubuntu 18.04 LTS and 18.10
- Support for IBM Cloud provider metadata
  - This requires a Portal platform release later this year for end-to-end functionality of this feature

## Enhancements

The following enhancements are available in this release:

- Qualys Policy Compliance support for CIDs 1267, 1329, 1576, 1867, 2218, 3902, 3936, 4581, 5254, 7415, 7416, 7417, 7418, 7419, 7437, 7438, 8071, 8327, 10236
- Qualys Policy Compliance fixed support for specific Ubuntu 16 CIDs that generated "Error Code QPC-005" error in previous agent versions
- Qualys File Integrity Monitoring optimizations and improvements.
- Cloud Agents running in OpenStack will have its Cloud Provider type set from AWS to NONE upon upgrade to this version
- 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:

- Agent auto-upgrade is no longer blocked when Suspend Scanning is enabled in Configuration Profile
- Cloud Agents running in OpenStack will have its Cloud Provider type set from AWS to NONE/UNSUPPORTED upon upgrade to this version

- This will create a different agent uuid during this process in order to map the new agents results to a new asset for reporting

## Platform Coverage Support (Operating Systems)

The following platform support has been added in this release:

- Red Hat Enterprise Linux 8
  - Also certified on Cloud Agent Linux 2.3 / 2.3.4 release
- Ubuntu Linux 18.04 LTS and 18.10

## Fixed Defects

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

ID	Description
CRM-31943 CRM-35008 CRM-36134 CRM-36154 CRM-36518 CRM-36618 CRM-40870 CRM-40951 CRM-43872 CRM-47453 CRM-49451 CRM-50809 CRM-50936	Fixed reported issues and added support for additional Policy Compliance CIDs
CRM-48724	Fixed an issue where agents running in OpenStack are incorrectly detected as AWS
CRM-50782	Fixed a case where the instance id of an asset is not updated when the agent uuid is changed due to clone detection
CRM-41975	Fixed a performance issue with FIM on Ubuntu with certain customer-defined monitoring profiles
CRM-44011	Java QID FNs in certain locations fixed in this agent version with a required manifest update

## Known Limitations and Workarounds

The following new known limitations are open in this release:

ID	Description
LXAG-2255	Not able to detect IPv4 address on Ubuntu in certain cases
LXAG-1948	Incorrect error message when an error is generated for RPM relocate