



# Qualys Cloud Agent Linux 4.6 (x64)

August 2021

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

- Added support for parsing Web Server configuration file for Oracle HTTP Server (OHS)
- Added support to disable the case-sensitive search in the Unix agent UDCs (Directory Search and Directory Integrity).
- Added CentOS 6, CentOS 7, and RHEL 8 support for PM 1.5.2 or later
- Added support for Mariner Linux VM
- Support for Scan Randomization/Delay support

Example script to configure these parameters:

```
# /usr/local/qualys/cloud-agent/bin/qualys-cloud-agent.sh  
ScanDelayVM=10 ScanDelayPC=10 MaxRandomScanIntervalVM=10  
MaxRandomScanIntervalPC=10
```

**Note:** The parameter values mentioned in the above script are in seconds.

- **Scan Delay** - The time added to the start of scanning for new installs and new manifest download. Value of 0 (zero) means no delay added.
  - **Scan Randomize** - The range of randomization added to the Scan Delay to offset scanning for new installs and subsequent scans. For example, if the randomization range is 60 mins, then a random number between 1 and 60 is calculated and used to delay the start of the next scanning interval. Value of 0 (zero) means no randomization will occur.
- Note:** On the agent side, Scan Delay and Randomize values are calculated in seconds.
- With this release, we've applied the agent sending a status message on the updated manifest. This status message will help you to identify the current FIM manifest applied for a specific agent.
    - StatusCode 4007 - State 1: Manifest applied successfully
    - StatusCode 4007 - State 2: Manifest application failed
  - FIM support for Cloud Agent on Debian 8.x, Debian 9.x, and Debian 10.x

## Enhancements

There are no behavior changes in this release.

## Behavior Changes

There are no behavior changes in this release.

## 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-74900	We fixed an issue where UDC control was not showing any data even after completing the scan and evaluation of the policy.
CRM-82245	Fixed an issue where multiple controls were failing for various Apache instances.
CRM-81523	Fixed an issue where the Linux agent on the cloud instance was collecting the instance id of the proxy instead of the actual cloud instance when the system-level proxy is configured.

## Known Limitations and Workarounds

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