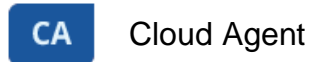




Qualys Cloud Agent Linux 1.5

We're excited to tell you about new features, platform coverage changes, improvements, and bug fixes in the Cloud Agent Linux 1.5 release.



New Features

The following new features have been added to this release:

- Two new configuration parameters have been added to provide more control over the agent's processing. The parameters can be configured with the configuration tool or by adding the parameters into the qualys-cloud-agent.conf file. A restart of the agent is required for the configuration parameters to take effect.
 - Process execution priority equivalent to Linux "nice" command, where lower values provide higher priority to the process
 - **ProcessPriority=<N>** where N = -20 to 19 (default 0)
 - Nice configuration at the OS level supersedes this parameter for that process execution
 - Command timeout logic has been improved to gracefully terminate hung processes, which lowers resource usage in these cases
 - **CmdTimeOut=<N>**, N value in seconds (default 1800)
 - The default has been raised from a non-changeable value of 300 seconds in version 1.4.2 to a user-defined value of 1800 seconds in agent version 1.5.

Improvements

The following improvements are available in this release:

- Improved the backoff/retry logic implemented to reduce network consumption in cases of network communications interruptions between the agent and platform

Platform Coverage Support (Operating Systems)

Support has been added for the following Operating Systems:

- Oracle Enterprise Linux (OEL), versions 5, 6, and 7.x
- Amazon Linux 2015.09, 2016.09 and later
- OpenSUSE 13.x, Leap 42.1

Support has been removed for the following Operating Systems due to no longer being supported or no extended support options available by the vendor or community:

- OpenSUSE 11
 - Note: Commercial distribution SUSE Linux Enterprise 11 is still supported

Bug Fixes

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

ID	Description
CRM-18921	Potential issues with terminating child commands that take too long to execute
CRM-19057	Permissions not correct on agent log file/directory
CRM-19744	Agent provisions using loopback address (127.0.0.1) in certain situations
LXAG-258	Uninstall script fails on certain SUSE Enterprise and openSUSE platforms
LXAG-287	Agent daemon not terminating during uninstallation process
LXAG-325	Last Known IP was not persisting after an agent restart
LXAG-343	Multiple agent process launches on Debian 7.11

Known Limitations and Workarounds

The following known limitations are open in this release:

ID	Description
CRM-18184	Specific Policy Compliance CIDs (2542, 1425) not supported on Red Hat Linux 5.x
CRM-19270	Proxy issue with customer-supplied certificate
CRM-20964	QID 45097 not support on Linux agent needed for “exclude non-running kernel feature” related vulnerabilities
LXAG-236 LXAG-242	Service list not populating on openSUSE Leap 42.1 and Ubuntu 16.04
LXAG-238 LXAG-242	IPv6 routing table not populating on Oracle Linux 5.11 and openSUSE 42.1
LXAG-247	Network configs failing on Oracle Linux 7.2 on certain assets
LXAG-263	Uninstall from Portal UI doesn’t success on CentOS 5.11 and Debian [workaround: manual uninstallation succeeds]
LXAG-273	Installed Software table is empty on RHEL 5.11/6.6/7.1, Oracle Linux 5.11/6.6/7.1, openSUSE 13.1/42.1
LXAG-337	No services under System Information tab for some platforms
LXAG-350	Portal shows upgraded agent version though self patch has failed
LXAG-353	Agent hangs when downloading new binary through Fiddler proxy
LXAG-355	System Information tab has no users listed though RHEL 5.11 has users
LXAG-357	Portal shows proxy IP as an unknown interface for the agent
LXAG-371	Agent fails to auto-update in certain versions of Amazon Linux
LXAG-395	CIS Policy Compliance hangs on Amazon Linux in certain situations