![Qualys logo](Qualys.)

Container Security

Release Notes for Sensor

Version 1.7.1
February 26, 2021

Here's what's new in the Container Security Sensor!

Issues Addressed

- We have made sure that any exception due to an invalid regular expression provided to the sensor is caught and handled gracefully to avoid sensor crash.

- The sensor will no longer dump the core upon sensor crash or uncaught exceptions. Now exceptions will be handled gracefully and the sensor will restart as per its restart policy for recoverable and irrecoverable errors, as described below.

  Recoverable errors – The sensor will return a fatal error code in cases like the sensor has crashed or the sensor caught an exception. In these cases, the sensor will recover on its own, and will keep on restarting. There is no max limit set on the number of restarts, but the time between two restarts will increase with the number of restarts needed, up to 16 minutes. For example, the time between two restarts could be 1 minute to start, then 2 minutes, then 4 minutes, then 8 minutes, then 16 minutes. Once 16 minutes is reached, the time between restarts will remain at 16 minutes. No core dump file will be created.

  Irrecoverable errors - If the sensor returns an irrecoverable error code, it means the sensor will not recover on its own and the sensor will exit. For standalone deployments, the sensor will exit upon receiving the irrecoverable error code. For DaemonSet deployments, when the sensor exits with an irrecoverable error code, the Kubernetes Pod restart policy will restart the exited container. Irrecoverable error codes must be resolved by making changes to the deployment files and deployment arguments.

- We fixed an issue where registry scan was failing during catalog call when the authentication token expired. Now we are refreshing the token at the time of expiry. The registry catalog call authentication token may expire when it is paginated.