



Container Security

Release Notes for Sensor

Version 1.11.1

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

[Sensor Performs Static Log4j Detection](#)

Sensor Performs Static Log4j Detection

Static log4j detection is enabled by default for dynamic/static image scans. Static log4j detection is implemented by executing the log4j detection command for each image layer and then merging the results. You have the option to disable static log4j detection for dynamic/static image scans using the new parameter `--disable-log4j-static-detection`.

For static scans, static log4j detection will always be invoked unless the `--disable-log4j-static-detection` parameter is specified. The log4j commands are read from the VM manifest.

For dynamic scans, static log4j detection will only be invoked when the following is true:

- The parameter `--disable-log4j-scanning` is not used.
- The parameter `--disable-log4j-static-detection` is not used.
- The primary log4j detection command was unsuccessful in collecting log4j data points.

Want to disable log4j static detection?

To disable the static log4j detection, specify `--disable-log4j-static-detection` as a command line parameter for “`installsensor.sh`” script or provide it as a command or args parameter when deploying a sensor. See details below

Installsensor.sh Command

Specify `--disable-log4j-static-detection` as a command line argument for `installsensor.sh` script.

```
sudo ./installsensor.sh ActivationId=<Activation id> CustomerId=<Customer id>  
Storage=/usr/local/qualys/sensor/data -s --disable-log4j-static-detection
```

Docker Run Command

Specify `--disable-log4j-static-detection` as part of the Docker run command when deploying a sensor.

```
sudo docker run -d --restart on-failure -v  
/var/run/docker.sock:/var/run/docker.sock:ro -v  
/usr/local/qualys/sensor/data:/usr/local/qualys/qpas/data -e  
ACTIVATIONID=<Activation id> -e CUSTOMERID=<Customer id> -e POD_URL=<POD URL>  
--net=host --name qualys-container-sensor qualys/qcs-sensor:latest --disable-  
log4j-static-detection
```

Yaml Argument

Add `--disable-log4j-static-detection` argument in args section of yaml, as shown below.

```
args: ["--k8s-mode", "--disable-log4j-static-detection"]
```