## Release notes: Falcon sensor for Linux 5.38.10404

New

We announced the [Zero Touch Linux Update](https://falcon.crowdstrike.com/support/news/94849) (ZTL) feature in the previous build. We are pleased to announce the availability of the first ZTL update to support new kernels seamlessly.

Certified these Linux kernel versions:

* Amazon Linux 1
  + 4.14.193-113.317.amzn1.x86\_64
* Amazon Linux 2
  + 4.14.193-149.317.amzn2.x86\_64
* RHEL 7 / CentOS 7
  + 3.10.0-1062.33.1.el7.x86\_64
* RHEL 8/ CentOS 8
  + 4.18.0-193.19.1.el8\_2.x86\_64
* Oracle Linux 6
  + 4.1.12-124.41.5.el6uek.x86\_64
  + 4.1.12-124.42.3.el6uek.x86\_64
* Oracle Linux 7
  + 4.1.12-124.41.5.el7uek.x86\_64
  + 4.1.12-124.42.3.el7uek.x86\_64
  + 4.14.35-1902.305.4.1.el7uek.x86\_64
  + 4.14.35-2025.400.8.el7uek.x86\_64
* SLES 12 SP4
  + 4.4.121-92.141-default
  + 4.4.180-94.130-default
  + 4.12.14-122.37-default
* SLES 15 SP1
  + 4.12.14-197.56-default
* Ubuntu 16.04LTS
  + 4.4.0-189-generic
  + 4.4.0-1113-aws
  + 4.15.0-115-generic
  + 4.15.0-117-generic
  + 4.15.0-117-generic
  + 4.15.0-1081-gcp
  + 4.15.0-1083-gcp
* Ubuntu 18.04LTS
  + 4.15.0-1080-aws
  + 4.15.0-1082-aws
  + 4.15.0-1081-gcp
  + 4.15.0-1083-gcp

Certified these Linux kernel via ZTL:

The following kernels are now supported in sensor  5.34.10404 and above via ZTL. Starting next week, we will be releasing a new ZTL update on a weekly cadence to support new compatible kernels.

* Oracle Linux 6
  + 3.8.13-118.49.1.el6uek.x86\_64
* Oracle Linux 7
  + 3.8.13-118.49.1.el7uek.x86\_64
  + 4.14.35-1902.306.2.el7uek.x86\_64
  + 4.14.35-2025.400.9.el7uek.x86\_64
* SLES 15 SP4
  + 4.12.14-150.58-default

Fixed

* Fixed a bug related to ProcessStartTime in the SyntheticProcessRollup2 event and associated detections.
* Fixed a bug related to ZTL kernel mapping. Therefore, we recommend using sensor 5.38.10404 and above to take advantage of ZTL.

Known issues

* There is a known bug in systemd that causes the sensor to not properly stop on a “systemctl stop” command.  To remediate this issue, please verify that systemd on RHEL 7.7 systems is updated to version systemd-219-67.el7\_7.1.x86\_64 or higher. See details in this Red Hat advisory: <https://access.redhat.com/errata/RHBA-2019:2356> .

More info

* Read our [documentation](https://falcon.crowdstrike.com/support/documentation)
* Find answers and contact support with our [support portal](https://supportportal.crowdstrike.com/s/)
* We will support  ZTL on sensor 5.38.10404 and above. More information on the actual set of kernels supported for sensor build can be found in sensor deployment guide.

CrowdStrike supports sensor versions released in the last 180 days - see our [Sensor Release Matrix](https://supportportal.crowdstrike.com/s/article/Sensor-Release-Matrix)