

# Release Notes: Mac Sensor v6.2.5

June 2019

## Summary

CB Response Mac Sensor v6.2.5 provides our TLS Certificate Management feature, bug fixes and stability improvements. This sensor release also includes all changes and fixes from previous releases.

This document provides information for users upgrading to CB Response Mac Sensor v6.2.5 from previous versions as well as users new to CB Response. The key information specific to this release is provided in the following major sections:

- **Installation Instructions** - Provides instructions for Mac Response sensor installation.
- **New features** – Describes new features introduced in this release.
- **Corrective content** – Describes issues resolved by this release as well as more general improvements in performance or behavior.
- **Known issues and limitations** – Describes known issues or anomalies in this version that you should be aware of.

## Server compatibility

Cb Response sensors included with Cb Response server releases are compatible with all server releases going forward. It is always recommended to use the latest server release with our latest sensors to utilize the full feature capabilities of our product, however, using earlier 6.x server versions with the latest sensor should not impact core product functionality.

## Sensor operating systems

CB Response sensors interoperate with multiple operating systems. For the most up-to-date list of supported operating systems for CB Response sensors (and all Carbon Black products), refer to the following location in the Carbon Black User eXchange:

<https://community.carbonblack.com/docs/DOC-7991>

## Documentation

This document supplements other Carbon Black documentation. [Click here](#) to search the full library of CB Response user documentation on the Carbon Black User eXchange.

## Technical support

CB Response server and sensor update releases are covered under the Customer Maintenance Agreement. Technical Support is available to assist with any issues that might develop during the installation or upgrade process. Our Professional Services organization is also available to assist to ensure a smooth and efficient upgrade or installation.

**Note:** Before performing an upgrade, Carbon Black recommends reviewing content on the User eXchange for the latest information that supplements the information contained in this

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## Installation Instructions

To install the sensors on to your server, run through the following instructions:

1. Ensure your CB Response YUM repo is set appropriately:
  - a. The CB Response repository file to modify is `/etc/yum.repos.d/CarbonBlack.repo`
  - b. Baseurl = [https://yum.distro.carbonblack.io/enterprise/stable/\\$releasever/\\$basearch/](https://yum.distro.carbonblack.io/enterprise/stable/$releasever/$basearch/)
2. On the CB Response server, clear the YUM cache by running the following command:
  - a. `yum clean all`
3. After the YUM cache has been cleared, download the sensor install package by running the following command:
  - a. `yum install --downloadonly --downloadaddir=<package local download directory><package>`
    - i. **Note:** The `<package local download directory>` is a directory of your choice
    - ii. **Note:** `<package>` is replaced by `cb-osx-sensor`
4. Install the new sensor package on the CB Response server by running the command:
  - a. `rpm -i --force <package downloaded>`
5. Make the new installation package available in the server console UI by running the command:
  - a. `/usr/share/cb/cbcheck sensor-builds --update`
    - i. **Note:** If your groups have *Automatic Update* enabled, the sensors in that group will start to automatically update.

Your new sensor versions should now be available via the console. For any issues, please contact Carbon Black Technical Support.

## New Features

- **TLS Certificate Management** - In conjunction with the CB Response Server 6.4.0, you can choose to provide certificates signed by your organization. In addition, you can use different server certificates to authenticate the connections between the CB Response Server and different sensor groups, reducing the exposure to a compromised server certificate. Also, you can require stricter validation of certificates so that if a server certificate used by a sensor has expired or fails to meet other OS-specific criteria, server-sensor communication will be disabled. For more information please see our documentation in the CB Response 6.4.0 User Guide. [CB-24452]

## Corrective Content

This release provides the following corrective content changes:

- Updated CB Response file permissions to match CB Response directory. [CB-24384]
- Added TLS Certificate Management feature. For more information please see our documentation in the CB Response 6.4.0 User Guide. [CB-24452]
- Updated to libcurl 7.64.1 and OpenSSL 1.1.1b versions. [CB-25571]
- Removed End User License Agreement from sensor installer. [CB-26310]
- Fixed bug with reloading CB Response kernel extensions on 10.14.5 macOS after kernel extension approval. [CB-26380]
- Fixed bug to report local IP and port information in server UI for UDP connections for IPv4 and IPv6. [CB-26398]

## Known Issues and Limitations

Known issues associated with this version of the sensor are included below:

- The Original Filename and Product Name for the CommCenter binary on MacOS is not being properly captured in the Server UI. [CB-17611]
- If you disable path exclusions in *cb.conf* you must reboot the system to update the previous path exclusion settings preserved in cache. [CB-14660]
- The Mac Response sensor does not store Live Response activity in the *sensor.log* file by default. Users can monitor Live Response activity using the *live-response.log* found under */var/log/cb/audit* on the Response server. Additionally, users can enable more verbose logging of the *sensor.log* file to capture Live Response activity on the Mac endpoint. Please note, enabling verbose logging may quickly consume the specified *sensor.log* size and should be used cautiously as enabling may lead to shorter retention of audit information. This verbose logging can be enabled by modifying the *logging.config* file under */var/lib/cb* to set the following parameters: *minloglevel: 0, V:0*. [CB-8908]

## Contacting Support

Use one of the following channels to request support or ask support questions:

- **Web:** [User eXchange](#)
- **Email:** [support@carbonblack.com](mailto:support@carbonblack.com)
- **Phone:** 877.248.9098
- **Fax:** 617.393.7499

## Reporting Problems

When contacting Carbon Black Technical Support, be sure to provide the following required information about your question or issue:

- **Contact:** Your name, company name, telephone number, and email address
- **Product version:** Product name (CB Response server and sensor version)
- **Hardware configuration:** Hardware configuration of the CB Response server (processor, memory, and RAM)
- **Document version:** For documentation issues, specify the version and/or date of the manual or document you are using
- **Problem:** Action causing the problem, error message returned, and event log output (as appropriate)
- **Problem severity:** Critical, serious, minor, or enhancement request