



# **Carbon Black Response**

## **5.3.0 Windows Sensor**

### **Release Notes**

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## Introduction

The *Carbon Black (Cb) Response 5.3.0 Windows Sensor Release Notes* document provides information for users upgrading from previous versions as well as users new to the product. It consists of the following major sections:

- **Corrective content:** This section describes issues resolved by this release as well as more general improvements in performance or behavior.
- **Known issues and limitations:** This section describes known issues or anomalies in this version that you should be aware of.
- **Contacting Carbon Black support:** This section describes ways to contact Carbon Black Technical Support, and it details what information to have ready so that the technical support team can troubleshoot your problem.

This document is a supplement to the main Cb Response product documentation.

## Purpose of this release

Cb Response v5.3.0 Windows Sensor release introduces contains *bug fixes and other stability and performance improvements*.

## Documentation

The standard user documentation for Cb Response product includes:

- **Cb Response User Guide:** Describes Cb Response feature functionality in detail, plus administrative functions, including installing the Cb Response server and sensors.
- **Cb Response - Server Sizing Guide:** Provides details on infrastructure sizing for Cb Response server.
- **Cb Response API:** Documentation for the Cb Response API is located at <https://github.com/carbonblack/cbapi>.

Additional documentation for special tasks and situations is available on the [Carbon Black User eXchange](#).

## Sensor Operating Systems

- **Windows:** XP SP3 - 10 / Server 2003 - 2012R2 and 2016 both x86 and x64
  - Windows embedded OSes are individually evaluated

- **Mac:** OS X 10.7 through 10.12.3, x64 on Intel
- **Linux:** RHEL & CentOS 6.4-6.8, 7.0-7.3 x64 – standard kernel versions (2.6.32-358.el6, 2.6.32-431.el6, 2.6.32-504.el6, 2.6.32-573.el6, 2.6.32-642.el6, and 3.10.0-123.el7, 3.10.0-229.el7, 3.10.0-327.el7, 3.10.0-493.el7, 3.10.0-514.el7) and the standard minor/maintenance releases. Non RHEL/CentOS distributions or Modified RHEL/CentOS environments (those built on the RHEL platform) are not supported.

## Technical support

Cb Response server and sensor update releases are covered under the Customer Maintenance Agreement. Carbon Black recommends reviewing content on the User eXchange prior to performing the upgrade for the latest information that supplements the information contained in this document. Technical Support is available to assist with any issues that may develop during the upgrade process. Our Professional Services organization is available to assist with the upgrade process to ensure a smooth and efficient upgrade installation.

## Corrective Content

The following section provides the corrective content changes made in this release.

### Windows Sensor (5.3.0.70217)

1. Fixed an issue where a banned hash failed to unban from the UI. (CB-11884)
2. Fixed an issue where sensor diagnostics raw\_events\_errorred value was larger than datatype in Postgres. (CB-11681)
3. Fixed a read out-of-bounds bug in cb.exe. (CB-11597)
4. Fixed a read out-of-bound bug in cbstream.sys. (CB-11595)
5. Fixed an issue where sensor did not allow SCCM transfer of files. (CB-6849)
6. Fixed an issue that caused a deadlock when a binary written to disk and subsequently scheduled for a scan (md5 hash computation) by Cb sensor is deleted by another application. (CB-13018)
7. Fixed an issue where GPO/MSI upgrades from 5.2.0.60922 (5.2.0 General Availability version) to later versions did not work (does not impact Cb Response server initiated upgrades). (CB-12130)
8. Fixed an issue with 5.2.3+ sensors that caused network isolation feature to fail. (CB=12581)

## Known Issues and Limitations

1. Upgrading to 5.3.0 using MSI package may result in two sensor entries in the Cb Response UI (one offline and one online). (CB-12127)
2. Upgrading a sensor installed using the MSI installer by EXE installer produces two Add/Remove program entries. (CB-13124)
3. Uninstall using uninst.exe file fails to remove Carbon Black from Add/Remove Program entries. (CB-13137)
4. (XP Only) Uninstalling a sensor installed via MSI package from Add/Remove Program dialog prompts for Administrator credentials. (CB-13024)
5. (XP Only) Uninstalling sensor using Cb Response server UI fails to remove all registry entries. (CB-13138)

6. Add/Remove Program branding names appear different for MSI and EXE installers. (CB-13122)
7. In order for sensor upgrades to work properly, McAfee EPO may need to be configured to exclude c:\windows\carbonblack\cb.exe from its "Prevent creation of new executable files in the Windows folder" option. (CB-7061)

## Contacting Carbon Black Support

For your convenience, Carbon Black Technical Support offers several channels for resolving support questions:

Technical Support Contact Options
Web: <a href="http://www.carbonblack.com">www.carbonblack.com</a>
E-mail: <a href="mailto:support@carbonblack.com">support@carbonblack.com</a>
Phone: 877.248.9098 (877. <b>BIT9</b> .098)
Fax: 617.393.7499
Hours: 8 a.m. to 8 p.m. EST

## Reporting Problems

When you call or e-mail Carbon Black Technical Support, please provide the following information to the support representative:

Required Information	Description
<b>Contact</b>	Your name, company name, telephone number, and e-mail address

<b>Product version</b>	Product name (Cb Response server and sensor version)
<b>Hardware configuration</b>	Hardware configuration of the Cb Response server (processor, memory, and RAM)
<b>Document version</b>	For documentation issues, specify the version of the manual you are using. The date and version of the document appear after the copyright section of each manual.
<b>Problem</b>	Action causing the problem, error message returned, and event log output (as appropriate)
<b>Problem severity</b>	Critical, serious, minor, or enhancement