

Carbon Black.



Cb Response Windows Sensor

Release Notes

Version 6.1.6

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Introduction

This *Cb Response Windows Sensor Release Notes* document for version 6.1.6 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** – 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.
- **Contacting Carbon Black Support** – Describes ways to contact Carbon Black Technical Support, and 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 v6.1.6 Windows Sensor release is intended to provide *bug fixes and performance improvements*.

Note: Cb Response sensor releases are cumulative and include all changes and fixes from previous releases

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/Cluster Management Guide:** Explains how to install and manage Cb Response servers and clusters.
- **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://developer.carbonblack.com>.

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

Sensor Operating Systems

Cb Response sensors interoperate with multiple operating systems and Cb Response server releases.

- 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>
- Cb Response sensors included with Cb Response server releases are compatible with all server releases going forward. However, they are incompatible with Cb Response server releases prior to the version they shipped with.

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 upgrade process. Our Professional Services organization is also available to assist with the upgrade process to ensure a smooth and efficient upgrade installation.

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

Corrective Content

This Cb Response Windows Sensor release (6.1.6.80405) provides the following corrective content changes:

- Refactored some of the filestore initialization to address miscellaneous driver stability issues. [CB-18176, CB-18563, CB-18570]
- Adjusted the health score algorithm with contemporary baseline values. [CB-17724]

Known Issues and Limitations

Disabling DNS Name Resolution For NetConn Events

Customers have observed that the Windows sensor can report high CPU utilization by the Carbon Black service ('cb.exe') on machines with a continually large number of network connections (e.g. DHCP/DNS servers, Domain Controllers, etc.). To help alleviate the high CPU utilization, without having to disable collection of network connection events, the windows sensor can be configured to disable DNS name resolution in data collection for network connection events by configuring the windows registry key:

```
[HKEY_LOCAL_MACHINE\SOFTWARE\CarbonBlack\config]
```

```
"DisableNetConnNameResolution"=dword:00000001
```

Cb Entries Remaining in Add/Remove Programs

Customers uninstalling their Cb Response Windows sensor through uninst.exe will notice remaining Cb entries in the Add/Remove Programs window.

Cb Branding Is Different Between MSI and EXE Installers

Customers using the Add/Remove Program window to manage their Cb Response installation should be aware that the Cb branding between the MSI and EXE installers is different.

Disproportionate Cb Logo on Install Wizard

Customers running the .exe installer may notice a disproportionate Carbon Black logo appearing on the Install Wizard

Install/Uninstall & Upgrade/Downgrade of Sensor on WinXP & WinServer2003 Requires Reboot

Customers running the Windows sensor on a Windows XP or Windows Server 2003 machine should note that a reboot of the machine will be required for all install/uninstall and upgrade/downgrade methods in order to successfully load and unload Cb drivers.

Cb Protection Upgrade Needed

Customers running Cb Protection to tamper protect the Cb Response Sensor and do not opt-in to CDC will need to update their tamper rule settings for Cb Protection to the latest "Cb Response Tamper Protection" Rapid Config (if running CbP 8.0) or Updater (if running CbP 7.x) in order to successfully upgrade/downgrade their Cb Response sensor. Please contact technical support to obtain the latest Rapid Config or Updater for CbP.

Contacting Carbon Black Support

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

Technical Support Contact Options
Web: https://community.carbonblack.com
E-mail: support@carbonblack.com
Phone: 877.248.9098
Fax: 617.393.7499

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

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