Cbinit Automation

CB v4.2.5.150311.1434

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Contents

Automating Carbon Black Enterprise Server Installation with Automated cbinit

Purpose

The purpose of this document is to describe how the Carbon Black Enterprise Server installation can be automated through the use of an 'answer file' for cbinit.

This document is intended for those that wish to automate the installation of the Carbon Black Enterprise Server, in both testing and production environments.

Automating Installation

The Carbon Black Enterprise Server is installed via the "cbinit" command. cbinit is found in /usr/share/cb.

The cbinit command can be automated through the use of an "answer" file. The command can be configured to use a particular answer file via cbinit command line.

The cbinit command usage is as follows:

```
[root@localhost docs]# /usr/share/cb/cbinit --help
Usage: cbinit [options] [INPUT_FILE]

Carbon Black Enterprise Server initialization tool. Use this tool to
initialize a new server instance, or to revert and existing server back to a
clean, post-install state.  The command line can include an optional
INPUT_FILE can be specified to run the tool in a 'non-interactive' mode.
```

The INPUT_FILE option can be used to specify configuration values. The list of configuration values is provided below.

Table of Automatable Configuration Options

Key Name	Description	Example Value
root_storage_path	directory in which to store Carbon Black data	/var/cb/data
admin_username	username of the primary administrative account	admin
admin_first_name	first name of the primary administrative account	Anthony
admin_last_name	last name of the primary administrative account	Waltham
admin_email	e-mail address of the primary administrative account	aw@organization.org
admin_password	password of primary administrative account	Sup3r$3cr3+
service_autostart	auto-start the cb-enterprise service at system startup (must be 0 or 1)	1
force_reinit	delete all existing data and configuration upon running cbinit on an already initialized server	0
default_sensor_server_url	url as seen by sensors	https://cb.org.local
alliance_enabled	enable sharing binary metadata for the primary sensor group	1
alliance_binaries_enabled	enable sharing binary files (executable files) via the Carbon Black Alliance	0

Example configuration file for unattended setup

[Config] root_storage_path=/var/cb/data admin_username=admin admin_first_name=Anthony admin_last_name=Waltham admin_email=aw@organization.org admin_password=Sup3r$3cr3+ service_autostart=0 force_reinit=1 default_sensor_server_url=https://127.0.0.1:443 alliance_enabled=1 alliance_binaries_enabled=0