

CCP Terminology 2.0.1

## CCP Terminology

Date of publish: 2017-11-06

# CLOUDERA

<https://docs.cloudera.com/>

# Legal Notice

© Cloudera Inc. 2019. All rights reserved.

The documentation is and contains Cloudera proprietary information protected by copyright and other intellectual property rights. No license under copyright or any other intellectual property right is granted herein.

Copyright information for Cloudera software may be found within the documentation accompanying each component in a particular release.

Cloudera software includes software from various open source or other third party projects, and may be released under the Apache Software License 2.0 ("ASLv2"), the Affero General Public License version 3 (AGPLv3), or other license terms. Other software included may be released under the terms of alternative open source licenses. Please review the license and notice files accompanying the software for additional licensing information.

Please visit the Cloudera software product page for more information on Cloudera software. For more information on Cloudera support services, please visit either the Support or Sales page. Feel free to contact us directly to discuss your specific needs.

Cloudera reserves the right to change any products at any time, and without notice. Cloudera assumes no responsibility nor liability arising from the use of products, except as expressly agreed to in writing by Cloudera.

Cloudera, Cloudera Altus, HUE, Impala, Cloudera Impala, and other Cloudera marks are registered or unregistered trademarks in the United States and other countries. All other trademarks are the property of their respective owners.

Disclaimer: EXCEPT AS EXPRESSLY PROVIDED IN A WRITTEN AGREEMENT WITH CLOUDERA, CLOUDERA DOES NOT MAKE NOR GIVE ANY REPRESENTATION, WARRANTY, NOR COVENANT OF ANY KIND, WHETHER EXPRESS OR IMPLIED, IN CONNECTION WITH CLOUDERA TECHNOLOGY OR RELATED SUPPORT PROVIDED IN CONNECTION THEREWITH. CLOUDERA DOES NOT WARRANT THAT CLOUDERA PRODUCTS NOR SOFTWARE WILL OPERATE UNINTERRUPTED NOR THAT IT WILL BE FREE FROM DEFECTS NOR ERRORS, THAT IT WILL PROTECT YOUR DATA FROM LOSS, CORRUPTION NOR UNAVAILABILITY, NOR THAT IT WILL MEET ALL OF CUSTOMER'S BUSINESS REQUIREMENTS. WITHOUT LIMITING THE FOREGOING, AND TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, CLOUDERA EXPRESSLY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY, QUALITY, NON-INFRINGEMENT, TITLE, AND FITNESS FOR A PARTICULAR PURPOSE AND ANY REPRESENTATION, WARRANTY, OR COVENANT BASED ON COURSE OF DEALING OR USAGE IN TRADE.

# Contents

<b>CCP Terminology.....</b>	<b>4</b>
-----------------------------	----------

## CCP Terminology

The Cloudera Cybersecurity Platform (CCP) documentation uses terminology specific to the cybersecurity industry, Hadoop, and the CCP application.

<b>alerts</b>	Provides information about current security issues, vulnerabilities, and exploits.
<b>Apache Kafka</b>	A fast, scalable, durable, fault-tolerant publish-subscribe messaging system you can use for stream processing, messaging, website activity tracking, metrics collection and monitoring, log aggregation, and event sourcing.
<b>Apache Storm</b>	Enables data-driven, automated activity by providing a real-time, scalable, fault-tolerant, highly available, distributed solution for streaming data.
<b>Apache ZooKeeper</b>	A centralized service for maintaining configuration information, naming, providing distributed synchronization, and providing group services.
<b>cybersecurity</b>	The protection of information systems from theft or damage to hardware, software, and the information on them, as well as from disruption or misdirection of the services they provide.
<b>data management</b>	A set of utilities that get data into Apache HBase in a format that allows data flowing through Metron to be enriched with the results. Contains integrations with threat intelligence feeds exposed through TAXII, as well as simple flat file structures.
<b>enrichment data source</b>	A data source containing additional information about telemetry ingested by CCP.
<b>enrichment bolt</b>	The Apache Storm bolt that enriches the telemetry.
<b>enrichment data loader</b>	A streaming or a batch loader that stages data from the enrichment source into CCP so that telemetry is enriched with the information from the enrichment source in real time.
<b>Forensic Investigator</b>	Collects evidence on breach and attack incidents and prepares legal responses to breaches.
<b>Model as a Service</b>	An Apache Yarn application that deploys machine learning and statistical models, along with the associated Stellar functions, onto the cluster so that they can be retrieved in a scalable manner.

<b>parser</b>	An Apache Storm bolt that transforms telemetry from its native format to JSON so that Metron can use it.
<b>profiler</b>	A feature extraction mechanism that can generate a profile describing the behavior of an entity. An entity might be a server, user, subnet, or application. After a profile defines normal behavior, you can build models to identify anomalous behavior.
<b>Security Data Scientist</b>	Works with security data, performing data munging, visualization, plotting, exploration, feature engineering, and model creation. Evaluates and monitors the correctness and currency of existing models.
<b>Security Operations Center (SOC)</b>	A centralized unit that manages cybersecurity issues for an organization by monitoring, assessing, and defending against cybersecurity attacks.
<b>Security Platform Engineer</b>	Installs, configures, and maintains security tools. Performs capacity planning and upgrades. Establishes best practices and reference architecture with respect to provisioning, managing, and using the security tools. Maintains the probes to collect data, load enrichment data, and manage threat feeds.
<b>SOC Analyst</b>	Responsible for monitoring security information and event management (SIEM) tools; searching for and investigating breaches and malware, and reviewing alerts; escalating alerts when appropriate; and following security standards.
<b>SOC Investigator</b>	Responsible for investigating more complicated or escalated alerts and breaches, such as Advanced Persistent Threats (APT). Hunts for malware attacks. Removes or quarantines the malware, breach, or infected system.
<b>Stellar</b>	A custom data transformation language used throughout CCP: from simple field transformation to expressing triage rules.
<b>telemetry data source</b>	The source of telemetry data, from low level (packet capture), to intermediate level (deep packet analysis), to very high level (application logs).
<b>telemetry event</b>	A single event in a stream of telemetry data, from low level (packet capture), to intermediate level (deep packet analysis), to very high level (application logs).