

# Hortonworks Cybersecurity Package

## Release Notes

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## Hortonworks Cybersecurity Package: Release Notes

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Hortonworks Cybersecurity Package (HCP) is a modern data application based on Apache Metron, powered by Apache Hadoop, Apache Storm, and related technologies.

HCP provides a framework and tools to enable greater efficiency in Security Operation Centers (SOCs) along with better and faster threat detection in real-time at massive scale. It provides ingestion, parsing and normalization of fully enriched, contextualized data, threat intelligence feeds, triage and machine learning based detection. It also provides end user near real-time dashboards.

Based on a strong foundation in the Hortonworks Data Platform (HDP) and Hortonworks DataFlow (HDF) stacks, HCP provides an integrated advanced platform for security analytics.

Please visit the [Hortonworks Data Platform](#) page for more information on Hortonworks technology. For more information on Hortonworks services, please visit either the [Support](#) or [Training](#) page. Feel free to [Contact Us](#) directly to discuss your specific needs.



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# 1. Hortonworks Cybersecurity Suite 1.4.0 Release Notes

This document provides you with the latest information about the Hortonworks Cybersecurity Package (HCP) powered by Apache Metron release 1.4.0 and its product documentation.

- [Apache Component Support \[1\]](#)
- [New Features \[1\]](#)
- [Platform Support Matrices \[2\]](#)
- [HCP 1.4.0 Repositories \[3\]](#)
- [Third-Party Licenses \[6\]](#)
- [Known Differences Between HCP 1.4.0 and Apache Metron 0.4.1 \[7\]](#)

## 1.1. Apache Component Support

### Component Versions

HCP is built on HDP 2.6.0 and HDF 3.0.1.1 and later. The official Apache versions of all HCP 1.4.0 components are:

- Apache Metron 0.4.1
- [HDP supported component versions](#)

All components listed are official Apache releases of the most recent stable versions available.

The Hortonworks approach is to provide patches only when necessary, to ensure the interoperability of components. Unless you are explicitly directed by Hortonworks Support to take a patch update, each of the HCP components should remain at the following package version levels, to ensure a certified and supported copy of HCP 1.4.0.



### Note

For information on open source software licensing and notices, please refer to the Licenses and Notices files included with the software install package.

## 1.2. New Features

HCP is a cybersecurity application framework that provides the ability to parse diverse security data feeds, enrich, triage, and store the data at scale, and detect cybersecurity anomalies. HCP 1.4.0 provides the following new features:

- Support for Elasticsearch 5.6.

Elasticsearch 2.x is no longer supported.

- Support for Kibana 5.6.2.
- Support for Curator utility provided by Elasticsearch.  
Data Pruner is no longer supported.
- Alerts user interface
  - Displaying alerts
  - Searching alerts
  - Saving searches
  - Viewing your recent and saved searches
  - Configuring Alerts table
  - The ability to group alerts into meta-alerts
  - Adding comments
  - Alert status based workflow
  - Ability to escalate alerts to external ticketing systems
- Significant performance improvement for parsing
- M-pack based installation and configuration for Profiling
- Performance improvement for Indexing
- Additional geospatial and hash functions in Stellar
- Short circuit evaluation and multi-line Stellar statements

## 1.3. Platform Support Matrices

This section outlines the platform support matrices for HCP 1.4.0.

- [Operating System Support Matrix \[2\]](#)
- [JDK Support Matrix \[3\]](#)

### 1.3.1. Operating System Support Matrix

Unless otherwise noted, the following operating systems are validated and supported for HDP 2.6.2:

**Table 1.1. HDP 2.6.2 Operating System Support Matrix**

| Operating System | Version                   |
|------------------|---------------------------|
| CentOS (64-bit)  | CentOS 6.x and CentOS 7.x |
| Red Hat (64-bit) | RHEL 7.0 <sup>†</sup>     |
| Ubuntu           | Ubuntu 14.0               |

<sup>†</sup>Not validated, but supported.

## 1.3.2. JDK Support Matrix

Unless otherwise noted, the following Java Development Kits (JDKs) are validated and supported for HDP 2.6.0:

**Table 1.2. HDP 2.6.0 JDK Support Matrix**

| JDK         | Version           |
|-------------|-------------------|
| Open Source | JDK8 <sup>†</sup> |
| Oracle      | JDK 8             |

<sup>†</sup>Not validated, but supported.

## 1.4. Unsupported Features

Although the following features exist within HCP 1.4.0, Hortonworks does not currently support these specific capabilities:

- [Community Features \[3\]](#)

### 1.4.1. Community Features

The following features are developed and tested by the Hortonworks community but are not officially supported by Hortonworks. These features are excluded for a variety of reasons, including insufficient reliability or incomplete test case coverage, declaration of non-production readiness by the community at large, and feature deviation from Hortonworks best practices. Do not use these features in your production environments.

**Table 1.3. Community Features**

| Feature                  | Description  |
|--------------------------|--|
| Vagrant-based deployment | A single-node quick deployment option intended solely for development of Metron. |
| Docker-based deployment  | A Docker-container based deployment intended solely for development of Metron.   |
| Ansible installs         | A multi-node deployment option via Ansible.                                      |

## 1.5. HCP 1.4.0 Repositories

Use the following table to identify the HCP 1.4.0 repo location for your operating system and operational objectives:



### Note

When installing Elasticsearch with the management pack on Ubuntu, you must manually install the Elasticsearch repositories. The management pack does not do this, like it does on CentOS.

**Table 1.4. HCP Repo Locations**

| OS  | Format              | Download Location   |
|---|---------------------|---|
| RedHat Enterprise Linux / CentOS 6 (64-bit) | Repo                | <a href="http://public-repo-1.hortonworks.com/HCP/centos6/1.x/updates/1.4.0.0/hcp.repo">http://public-repo-1.hortonworks.com/HCP/centos6/1.x/updates/1.4.0.0/hcp.repo</a>   |
|   | HCP Management Pack | <a href="http://public-repo-1.hortonworks.com/HCP/centos6/1.x/updates/1.4.0.0/tars/metron/hcp-ambari-mpack-1.4.0.0-38.tar.gz">http://public-repo-1.hortonworks.com/HCP/centos6/1.x/updates/1.4.0.0/tars/metron/hcp-ambari-mpack-1.4.0.0-38.tar.gz</a>   |
| RedHat Enterprise Linux / CentOS 7 (64-bit) | Repo                | <a href="http://public-repo-1.hortonworks.com/HCP/centos7/1.x/updates/1.4.0.0/hcp.repo">http://public-repo-1.hortonworks.com/HCP/centos7/1.x/updates/1.4.0.0/hcp.repo</a>   |
|   | HCP Management Pack | <a href="http://public-repo-1.hortonworks.com/HCP/centos7/1.x/updates/1.4.0.0/tars/metron/hcp-ambari-mpack-1.4.0.0-38.tar.gz">http://public-repo-1.hortonworks.com/HCP/centos7/1.x/updates/1.4.0.0/tars/metron/hcp-ambari-mpack-1.4.0.0-38.tar.gz</a>   |
| Ubuntu 14                                   | Repo                | <a href="http://public-repo-1.hortonworks.com/HCP/ubuntu14/1.x/updates/1.4.0.0/hcp.list">http://public-repo-1.hortonworks.com/HCP/ubuntu14/1.x/updates/1.4.0.0/hcp.list</a>   |
|   | HCP Management Pack | <a href="http://public-repo-1.hortonworks.com/HCP/ubuntu14/1.x/updates/1.4.0.0/tars/metron/hcp-ambari-mpack-1.4.0.0-38.tar.gz">http://public-repo-1.hortonworks.com/HCP/ubuntu14/1.x/updates/1.4.0.0/tars/metron/hcp-ambari-mpack-1.4.0.0-38.tar.gz</a> |

## 1.6. Upgrading to HCP 1.4.0

For Elasticsearch 5.x, the existing indexes and templates need to be upgraded. For more information, see:

- [Updating Elasticsearch Templates](#)
- [Updating Existing Indexes](#)

For information on how to upgrade to HCP 1.4.0 from a previous release, see [Apache Metron Upgrading](#).

## 1.7. Upgrading to Elasticsearch 5.6

There are a number of template changes in Elasticsearch 5.2, most notably around string type handling, that may cause issues when upgrading. If you are upgrading from Elasticsearch 2.x to Elasticsearch 5.6, you will need to re-index. For information on the type mapping changes, see [Section 1.7.1, "Type Mapping Changes" \[4\]](#).

For more information, see [Upgrading Elasticsearch](#).

### 1.7.1. Type Mapping Changes

Type mappings in Elasticsearch 5.6 have changed from ES 2.x. This section provides an overview of the most significant changes.

The following is a list of the major changes in Elasticsearch 5.6:

- String fields replaced by text/keyword type
- Strings have new default mappings as follows:

```
{  
    "type": "text",  
    "fields": {  
        "keyword": {  
            "type": "keyword",  
            "ignore_above": 256  
        }  
    }  
}
```

```
    }
}
```

- There is no longer a `_timestamp` field that you can set "enabled" on.

This field now causes an exception on templates. Replace with an application-created timestamp of "date" type.

The semantics for string types have changed. In 2.x, index settings are either "analyzed" or "not\_analyzed" which means "full text" and "keyword", respectively. Analyzed text means the indexer will split the text using a text analyzer, thus allowing you to search on substrings within the original text. "New York" is split and indexed as two buckets, "New" and "York", so you can search or query for aggregate counts for those terms independently and match against the individual terms "New" or "York." "Keyword" means that the original text will not be split/analyzed during indexing and instead treated as a whole unit. For example, "New" or "York" will not match in searches against the document containing "New York", but searching on "New York" as the full city name will match. In Elasticsearch 5.6 language, instead of using the "index" setting, you now set the "type" to either "text" for full text, or "keyword" for keywords.

Below is a table listing the changes to how String types are now handled.

| sort, aggregate, or access values | Elasticsearch 2.x   | Elasticsearch 5.x   | Example  |
|-----------------------------------|---|---|--|
| no                                | <pre>"my_property" : {   "type": "string",   "index": "analyzed" }</pre>    | <pre>"my_property" : {   "type": "text" }</pre><br>Additional defaults: "index": "true", "fielddata": "false"                               | "New York" handled via in-mem search as "New" and "York" buckets. <b>No aggregation or sort.</b>   |
| yes                               | <pre>"my_property": {   "type": "string",   "index": "analyzed" }</pre>     | <pre>"my_property": {   "type": "text",   "fielddata": "true" }</pre>   | "New York" handled via in-mem search as "New" and "York" buckets. <b>Can aggregate and sort.</b>   |
| yes                               | <pre>"my_property": {   "type": "string",   "index": "not_analyzed" }</pre> | <pre>"my_property" : {   "type": "keyword" }</pre>  | "New York" searchable as single value. <b>Can aggregate and sort.</b> A search for "New" or "York" will not match against the whole value. |
| yes                               | <pre>"my_property": {   "type": "string",   "index": "analyzed" }</pre>     | <pre>"my_property": {   "type": "text",   "fields": {     "keyword": {       "type": "keyword",       "ignore_above": 256     }   } }</pre> | "New York" searchable as single value or as text document, can aggregate and sort on the sub term "keyword."                               |

If you want to set default string behavior for all strings for a given index and type, you can do so with a mapping similar to the following (replace  `${your_type_here}` accordingly):

```
# curl -XPUT 'http://${ES_HOST}:${ES_PORT}/_template/default_string_template'
-d '
{
  "template": "*",
  "mappings" : {
    "${your_type_here}" : {

```

```
"dynamic_templates": [
    {
        "strings": {
            "match_mapping_type": "string",
            "mapping": {
                "type": "text"
            }
        }
    }
]
```

By specifying the `template` property with value `*`, the template will apply to all indexes that have documents indexed of the specified type (`/${your_type_here}`).

The following are other settings for types in ES:

- `doc_values`
  - On-disk data structure
  - Provides access for sorting, aggregation, and field values
  - Stores same values as `_source`, but in column-oriented fashion better for sorting and aggregating
  - Not supported on text fields
  - Enabled by default
- `fielddata`
  - In-memory data structure
  - Provides access for sorting, aggregation, and field values
  - Primarily for text fields
  - Disabled by default because the heap space required can be large

## 1.8. Third-Party Licenses

Global: [Apache 2.0](#)

| Apache Component | Subcomponents | License             |
|------------------|---------------|---------------------|
| Storm            | Logback       | <a href="#">EPL</a> |

## 1.9. Known Issues

The HCP 1.4.0 release has the following known issue.

- During HCP installation, some versions of Zeppelin might fail to install. If the Zeppelin notebooks are not installed, import the Apache Zeppelin Notebook manually. See

[https://docs.hortonworks.com/HDPDocuments/HCP1/HCP-1.4.0/bk\\_installation/content/importing\\_zeppelin\\_notebook\\_manually.html](https://docs.hortonworks.com/HDPDocuments/HCP1/HCP-1.4.0/bk_installation/content/importing_zeppelin_notebook_manually.html) for more information.

For a list of known differences between HCP 1.4.0 and Apache Metron 0.4.1, see [Section 1.9.1, "Known Differences Between HCP 1.4.0 and Apache Metron 0.4.1"](#) [7].

## 1.9.1. Known Differences Between HCP 1.4.0 and Apache Metron 0.4.1

The following Apache bugs identify known differences between HCP 1.4.0 and Apache Metron 0.4.1.

**Table 1.5. Known Differences Between HCP 1.4.0 and Apache Metron 0.4.1**

| Feature     | Description  |
|-------------|--|
| METRON-632  | Added validation of "shew.enrichmentType" and "shew.keyColumns" closes apache/incubator-metron#732                               |
| METRON-938  | "service metron-rest start <password>" does not work on CentOS 7. (justinleet) closes apache/metron#757                          |
| METRON-1052 | Add forensic similarity hash functions to Stellar closes apache/incubator-metron#781   |
| METRON-1055 | Metron 0.4.0 manual installation guide for CentOS 6 updates (lvets via ottobackwards) closes apache/metron#661                   |
| METRON-1059 | Address checkstyle warning AvoidStarImport in metron-stellar (dbist via ottobackwards) closes apache/metron#664                  |
| METRON-1063 | Address javadoc warnings in metron-stellar (dbist via ottobackwards) closes apache/metron#668                                    |
| METRON-1079 | STELLAR NaN should be a keyword (ottobackwards) closes apache/metron#681   |
| METRON-1080 | Fix Alerts and Ops UI Notices file (james-sirota) closes apache/metron#682   |
| METRON-1081 | Fix Alerts and Ops UI Notices file (james-sirota) closes apache/metron#682   |
| METRON-1083 | Add filters using faceted search capabilities of metron-rest-api (iraghumitra via james-sirota) closes apache/metron#710         |
| METRON-1085 | Add REST endpoint to save a user profile for the Alerts UI (merrimanr) closes apache/metron#694                                  |
| METRON-1114 | Add group by capabilities to search REST endpoint (merrimanr) closes apache/metron#702   |
| METRON-1123 | Add group by option using faceted search capabilities of metron-rest-api (iraghumitra via james-sirota) closes apache/metron#768 |
| METRON-1146 | Add ability to parse JSON string into JSONObject for stellar closes apache/incubator-metron#727                                  |
| METRON-1153 | HDFS HdfsWriter never recovers from exceptions closes apache/incubator-metron#741  |
| METRON-1156 | Simulate Triage Rules in the Stellar REPL (nickwallen) closes apache/metron#733  |
| METRON-1158 | Build backend for grouping alerts into meta alerts (justinleet) closes apache/metron#734   |

| Feature     | Description   |
|-------------|---|
| METRON-1161 | Add ability to edit parser command line options in the management UI (merrimanr) closes apache/metron#737                           |
| METRON-1163 | RAT failures for metron-interface/metron-alerts closes apache/incubator-metron#743  |
| METRON-1167 | Define Session Specific Global Configuration Values in the REPL (nickwallen) closes apache/metron#740                               |
| METRON-1168 | Add SUBSTRING method to stellar this closes apache/incubator-metron#742   |
| METRON-1169 | Dependency checker has not been running in travis closes apache/incubator-metron#744  |
| METRON-1171 | Better validation for the SUBSTRING stellar function closes apache/incubator-metron#745   |
| METRON-1173 | Fix pointers to old stellar docs closes apache/incubator-metron#746   |
| METRON-1176 | REST: HDFS Service should support setting permissions on files when writing (ottobackwards) closes apache/metron#749                |
| METRON-1177 | Stale running topologies seen post-kerberization and cause exceptions (nickwallen) closes apache/metron#748                         |
| METRON-1179 | Make STATS_ADD to take a list closes apache/incubator-metron#750  |
| METRON-1180 | Make Stellar Shell accept zookeeper quorum as a CSV list and not require a port closes apache/incubator-metron#751                  |
| METRON-1182 | Refactor Code in alert list to accommodate new view types (iraghumitra via merrimanr) closes apache/metron#756                      |
| METRON-1183 | Improve KDC Setup Instructions (nickwallen) closes apache/metron#753  |
| METRON-1185 | Stellar REPL does not work on a kerberized cluster when calling functions interacting with HBase closes apache/incubator-metron#755 |
| METRON-1186 | Profiler Functions use classutils from shaded storm closes apache/incubator-metron#758  |
| METRON-1187 | Indexing/Profiler Kafka ACL Groups Not Setup Correctly (nickwallen) closes apache/metron#759  |
| METRON-1188 | Ambari global configuration management (mmiklavc) closes apache/metron#760  |
| METRON-1189 | Add alert escalation to the Alerts UI (merrimanr) closes apache/metron#762  |
| METRON-1190 | Fix Meta Alert Type handling in calculation of scores (justinleet) closes apache/metron#763   |
| METRON-1191 | Update public web site to point at 0.4.1 new release (mattf-horton) closes apache/metron#764  |
| METRON-1194 | Add Profiler Debug Functions to Profiler README (nickwallen via ottobackwards) closes apache/metron#765                             |
| METRON-1195 | Meta alerts improperly handle updates to non-alert fields (justinleet) closes apache/metron#766                                     |
| METRON-1196 | Increment master version number to 0.4.2 for on-going development (mattf-horton) closes apache/metron#767                           |
| METRON-1198 | Pycapa - No such configuration property 'sasl.kerberos.principal' (nickwallen) closes apache/metron#769                             |
| METRON-1202 | ElasticsearchDao Has extraneous sleep call (justinleet) closes apache/metron#770  |

| Feature     | Description   |
|-------------|---|
| METRON-1204 | UI does not time out after being idle, but stops functioning (merrimanr) closes apache/metron#771   |
| METRON-1206 | Make alerts UI conform to ops UI for install (merrimanr) closes apache/metron#773   |
| METRON-1207 | Make RPMs for Alerts UI (merrimanr) closes apache/metron#777  |
| METRON-1208 | MPack for Alerts UI (merrimanr) closes apache/metron#778  |
| METRON-1209 | Make stellar repl take logging properties, like other CLI apps in metron closes apache/incubator-metron#772   |
| METRON-1215 | Fix link to RPMs chapter (DimDroll via justinleet) closes apache/metron#776   |
| METRON-1218 | Metron REST should return better error messages (merrimanr) closes apache/metron#779  |
| METRON-1220 | Create documentation around alert nested field (justinleet) closes apache/metron#780  |
| METRON-1222 | Fix warning for The expression \${parent.version} is deprecated. Please use \${project.parent.version} instead. (dbist via mmiklavc) closes apache/metron#782                       |
| METRON-1223 | Add support to add comments for alerts (iraghumitra via james-sirota) closes apache/metron#788  |
| METRON-1224 | Add time range selection to search control (iraghumitra via james-sirota) closes apache/metron#796  |
| METRON-1226 | Searching Can Errantly Query the Wrong Indices (nickwallen) closes apache/metron#793  |
| METRON-1228 | Configuration Management PUSH immediately does DUMP after (mmiklavc via mmiklavc) closes apache/metron#783  |
| METRON-1229 | Management UI type is part of the declarations of 2 modules (merrimanr) closes apache/metron#784  |
| METRON-1232 | Alert status changes are not reflected in list view (iraghumitra via merrimanr) closes apache/metron#787  |
| METRON-1234 | Fix for WARNING 'dependencies.dependency. (groupId:artifactId:type:classifier)' must be unique: org.apache.hadoop:hadoop-yarn-api:jar (dbist via mmiklavc) closes apache/metron#790 |
| METRON-1235 | Document the properties pulled from the global configuration closes apache/incubator-metron#791   |
| METRON-1237 | Address javadoc warnings in metron-maas-common (dbist via james-sirota) closes apache/metron#792  |
| METRON-1240 | Address javadoc warnings in metron-platform and metron-analytics (dbist via james-sirota) closes apache/metron#794  |
| METRON-1241 | Enable the REST API to use a cache for the zookeeper config similar to the Bolts closes apache/incubator-metron#795   |
| METRON-1243 | Add a REST endpoint which allows us to get a list of all indice closes apache/incubator-metron#797  |
| METRON-1247 | REST search and findOne endpoints return unexpected or incorrect results for guids (justinleet) closes apache/metron#798  |
| METRON-1249 | Improve Metron MPack Service Checks (nickwallen) closes apache/metron#799   |

| Feature     | Description  |
|-------------|--|
| METRON-1251 | Typo and formatting fixes for metron-rest README closes apache/incubator-metron#800  |
| METRON-1252 | Bug fixes  |
| METRON-1254 | Conditionals as map keys do not function in Stellar closes apache/incubator-metron#801   |
| METRON-1255 | MetaAlert search is not filtering on status (merrimanr) closes apache/metron#802   |
| METRON-1260 | Include Alerts UI in Ambari Service Check (nickwallen) closes apache/metron#804  |
| METRON-1261 | Apply Bro security patch (JonZeolla via ottobackwards) closes apache/metron#805  |
| METRON-1262 | Unable to add comment for a alert in a meta-alert (merrimanr) closes apache/metron#806   |
| METRON-1263 | Start Alerts UI service after Metron REST (anandsubbu via nickwallen) closes apache/metron#807   |
| METRON-1266 | Profiler - SASL Authentication Failed (nickwallen) closes apache/metron#809  |
| METRON-1267 | Alerts UI returns a 404 when refreshing the alerts-list page (merrimanr) closes apache/metron#808  |
| METRON-1270 | Fix for warnings missing @return tag argument in metron-analytics/metron-profiler-common and metron-profiler-client closes apache/incubator-metron#810 |
| METRON-1272 | Hide child alerts from searches and grouping if they belong to meta alerts (justinleet) closes apache/metron#811                                       |
| METRON-1274 | Master has failure in StormControllerIntegrationTest (merrimanr) closes apache/metron#813  |
| METRON-1275 | Fix Metron Documentation closes apache/incubator-metron#833  |
| METRON-1278 | Strip "Build Status" widget from root README.md in site-book build (mattf-horton) closes apache/metron#815   |
| METRON-1280 | 0.4.1 > 0.4.2 missed a couple of projects (cestella via justinleet) closes apache/metron#816   |
| METRON-1282 | Remove hard-coded indices from the Alerts UI (merrimanr) closes apache/metron#821  |
| METRON-1283 | Install Elasticsearch template as a part of the mpack startup scripts (anandsubbu via nickwallen) closes apache/metron#817                             |
| METRON-1284 | Remove extraneous dead query in ElasticsearchDao (justinleet) closes apache/metron#818   |
| METRON-1287 | Full Dev Fails When Installing EPEL Repository (nickwallen) closes apache/metron#820   |
| METRON-1289 | Alert fields are lost when a MetaAlert is created (merrimanr) closes apache/metron#824   |
| METRON-1290 | Only first 10 alerts are update when a MetaAlert status is changed to inactive (justinleet) closes apache/metron#842                                   |
| METRON-1291 | Kafka produce REST endpoint does not work in a Kerberized cluster (merrimanr) closes apache/metron#826   |
| METRON-1294 | IP addresses are not formatted correctly in facet and group results (merrimanr) closes apache/metron#827   |
| METRON-1295 | Unable to Configure Logging for REST API (nickwallen) closes apache/metron#828   |

| Feature     | Description   |
|-------------|---|
| METRON-1296 | Full Dev Fails to Deploy Index Templates (nickwallen via cestella) closes apache/incubator-metron#829                               |
| METRON-1301 | Alerts UI - Sorting on Triage Score Unexpectedly Filters Some Records (nickwallen) closes apache/metron#832                         |
| METRON-1307 | Orce install of java8 since java9 does not appear to work with the scripts (brianhurley via ottobackwards) closes apache/metron#835 |
| METRON-1309 | Change metron-deployment to pull the plugin from apache/metron-bro-plugin-kafka (JonZeolla) closes apache/metron#837                |
| METRON-1310 | Template Delete Action Deletes Search Indices (nickwallen) closes apache/metron#838   |
| METRON-1311 | Service Check Should Check Elasticsearch Index Templates (nickwallen) closes apache/metron#839                                      |
| METRON-1319 | Column Metadata REST service should use default indices on empty input (merrimannr) closes apache/metron#843                        |
| METRON-1321 | Metaalert Threat Score Type Does Not Match Sensor Indices (nickwallen) closes apache/metron#845                                     |