

HCP Upgrading 1

Upgrading Metron

Date of Publish: 2018-10-15

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Contents

Upgrade Metron.....	3
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Upgrade Metron

After you shut down Metron and all of its services, you must uninstall Metron and then reinstall the newest version of Metron.

Before you begin

- Back up your Metron configuration.
- Stop all Metron services

Procedure

1. Uninstall Metron.

In Ambari, select **Metron**, then under the **Service Actions** menu, click **Delete Service**.

When prompted, enter "delete" to confirm deleting the service.

2. Remove all of the rpms from the old Metron version.

CentOS

a) From the Ambari node, enter the following to list all of the Metron packages:

```
rpm -qa | grep metron
```

You should see input similar to the following:

```
metron_1_4_2_0_23-config-0.4.1.1.4.2.0-23.noarch
```

b) Enter the following to list all of the Metron packages:

```
sudo rpm -q --scripts metron_1_4_2_0_23-config-0.4.1.1.4.2.0-23.noarch
```

You should see output similar to the following:

```
chkconfig --add metron-management-ui  
chkconfig --add metron-alerts-ui  
preuninstall scriptlet (using /bin/sh):  
chkconfig --del metron-management-ui  
chkconfig --del metron-alerts-ui
```

c) Remove each of the packages:

```
rpm remove $PACKAGE_NAME
```

For example:

```
sudo chkconfig --del metron-management-ui
```

Ubuntu

From the Ambari node, enter the following to delete all of the Metron packages:

```
sudo aptitude purge $PACKAGE_NAME
```

3. Modify the /etc/yum.repos.d/HCP.repo file with the updated repo version:

```
vi /etc/yum.repos.d/HCP.repo
```

4. Update the HCP.repo file.

CentOS

```
yum update
```

Ubuntu

```
apt-get update
```

5. Install the current HCP mpack repo from [Release Notes](#).

```
wget http://public-repo-1.hortonworks.com/HCP/centos7/1.x/updates/1.4.1.0/tars/metron/hcp-ambari-mpack-1.4.1.0-18.tar.gz ambari-server install-mpack --force --mpack=/${MPACK_DOWNLOAD_DIRECTORY}/hcp-ambari-mpack-1.4.1.0-18.tar.gz --verbose
```

6. Restart the Ambari server.

```
ambari-server restart
```

7. Re-open Ambari and add back the updated Metron version.

From the **Actions** menu, click **Add Service**, then click Metron from the **Choose Services** page. Ensure Metron is the updated version.

Ambari lists each service on which Metron is dependent.

8. Click yes to add each dependency.

9. In Ambari, add back your Metron configuration information in the **Property** fields.

Do not copy and paste into the Metron property fields. You can inadvertently add a special character.

10. Click **Deploy** to start the Metron set up.

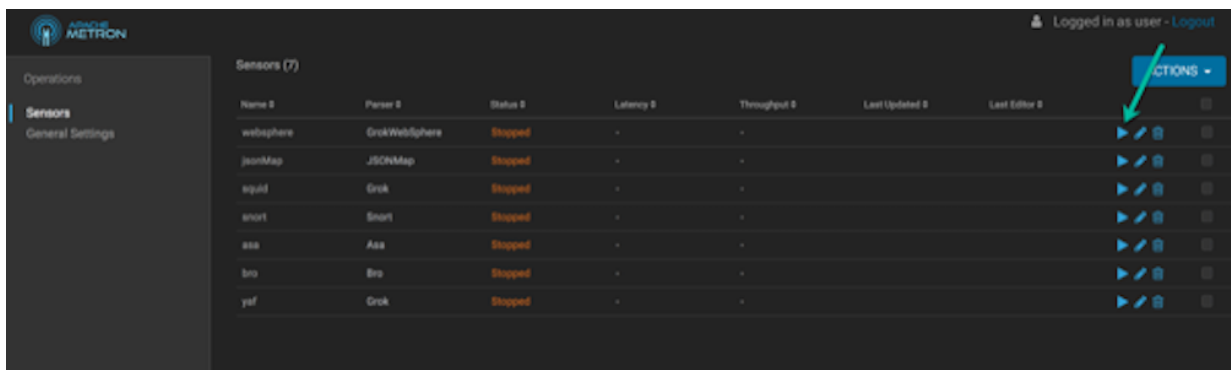
The process to install, start, and test Metron will take a while.

11. Restart the Metron services:

- Metron REST
- Metron Management UI
- Metron Alerts UI
- Indexing

12. In the Management UI, restart the Metron Parsers including Enrichment, Bro, Snort, Yaf, and any other parsers you added previously.

Management UI



Note: Starting the Metron parsers might take a while.

13. Check the status of the parsers in the Storm UI.

Storm UI

Storm UI

Cluster Summary

Version	Supervisors	Used slots	Free slots	Total slots	Executors	Tasks
1.0.1.2.5.3.0-37	1	5	0	5	33	33

Nimbus Summary

Host	Port	Status	Version	UpTime
node1	6627	Leader	1.0.1.2.5.3.0-37	1h 19m 7s

Showing 1 to 1 of 1 entries

Topology Summary

Name	Owner	Status	Uptime	Num workers	Num executors	Num tasks	Replication count	Assigned Mem (MB)	Scheduler Info
batch_indexing	storm	ACTIVE	1m 3s	0	0	0	1	0	
bro	storm	ACTIVE	12m 27s	1	4	4	1	832	
enrichment	storm	ACTIVE	52m 52s	1	15	15	1	832	
profiler	storm	ACTIVE	50m 50s	1	6	6	1	832	
snort	storm	ACTIVE	4m 35s	1	4	4	1	832	
yaf	storm	ACTIVE	8m 41s	1	4	4	1	832	

Showing 1 to 6 of 6 entries