Troubleshooting Parsers

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This section provides some troubleshooting solutions for parser issues.

Storm is Not Receiving Data From a New Data Source

If, after installing a new data source, Storm is not receiving data from the data source, there are several configurations you can check.

Procedure

1. Ensure that your Grok parser statement is valid.
   a) Log in to HOST $HOST_WITH_ENRICHMENT_TAG as root.
   b) Deploy a new, valid parser topology:

```
$METRON_HOME/bin/start_parser_topology.sh -k $KAFKA_HOST:6667 -z
 $ZOOKEEPER_HOST:2181 -s $DATASOURCE
```

   c) Navigate to the Apache Storm UI to validate that the new topology is displayed and without errors.
2. Ensure that the Apache Kafka topic you created for your new data source is receiving data.
3. Check your Apache NiFi configuration to ensure that data is flowing between the Kafka topic for your new data source and Hortonworks Cybersecurity Platform (HCP).

Determine Which Events Are Not Being Processed

Events that are not processed end up in a dead letter queue.

There are two types of events. One, where the event could not be parsed at all. Two, where the event was parsed, but failed validation.