

Monitoring and Visualization



JP Toto

@jptoto | <http://jptoto.jp>

Cluster States



GREEN

All good. Probably nothing to worry about. All shards allocated properly.



YELLOW

Some replica shards are missing but primaries are all available and serving data. Be wary that more nodes don't go offline.



RED

At least one primary and all it's replicas are offline. Data is incomplete and possibly broken.

Only partial results area available and indexing is offline.

Elasticsearch Marvel



Maintained by the Elasticsearch team

Commercial, licensed per server

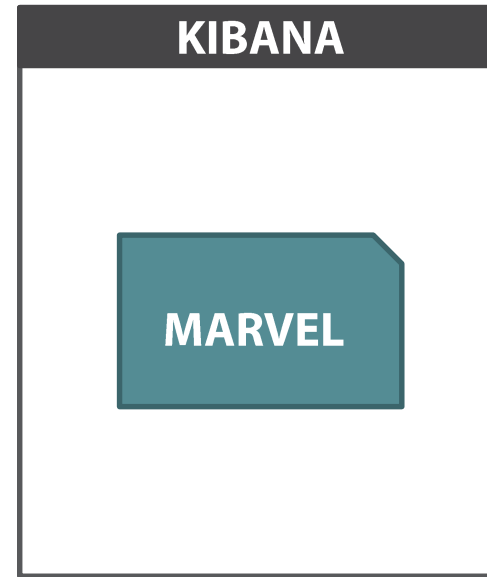
If you really care about monitoring your cluster, it's a good investment

Elasticsearch Marvel

Marvel Agent



Kibana Front-end



Monitoring and Visualization



Learned to monitor cluster health

Explored cluster health API

Installed and configured Marvel

Course Summary



Basic Windows and Linux installs
Clustering strategy and configuration
Installed and configured cluster
Indexing and shard strategies
Maintenance and snapshots
Monitoring and visualization
<http://elastic.co>