elastic

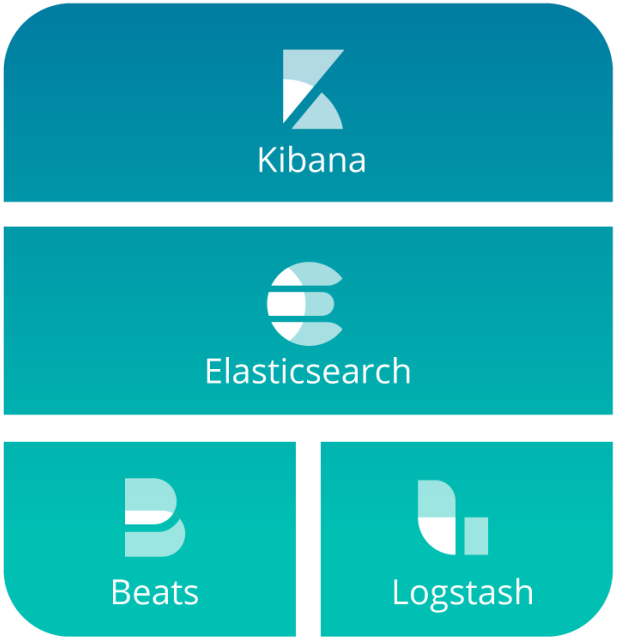
„open source“ hugbúnaður fyrir rauntíma gagnaleit, skráningu, greiningu ...

Yfirlit

Ólafur Jóhann Ólafsson

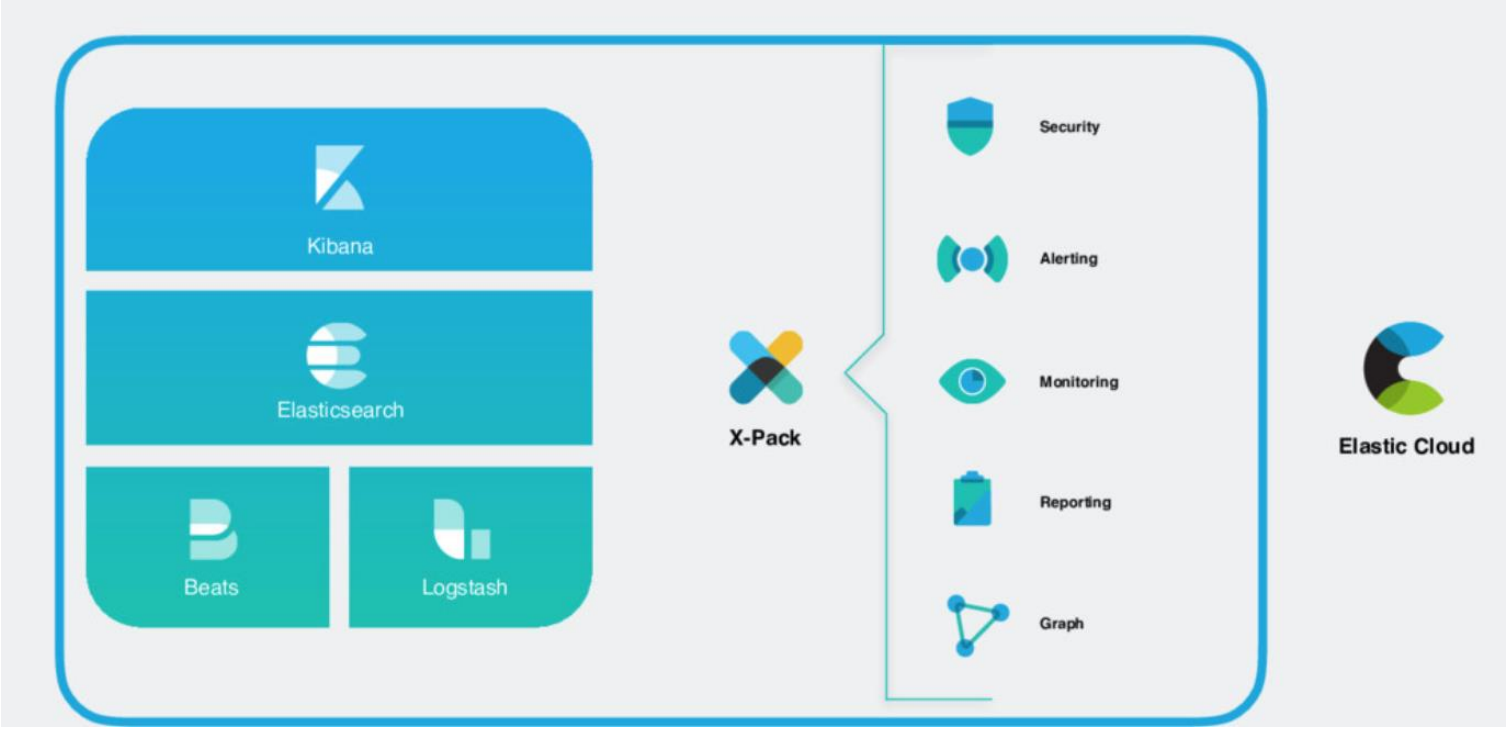
Elastic Stack

Scalable
near real-time search, discovery
and analytics
open source



elastic

Viðskiptalíkanið !



100,000+

Community

130M+

Niðurhal

elastic

NoSql gagnagrunnur


```
curl -H "Content-Type: application/json" -XGET
'http://localhost:9200/social-*/_search' -d '{
  "query": {
    "match": {
      "message": "myProduct"
    }
  },
  "aggregations": {
    "top_10_states": {
      "terms": {
        "field": "state",
        "size": 10
      }
    }
  }
}'
```

Biðlara stuðningur í forritunarmálum

Java / C# / Python /
Javascript / PHP / Perl / Ruby

elastic

Elasticsearch

Lóðrétt skölun

Rauntíma gögn

Sveiganlegt gagnalíkan

Öflug fyrirspurn vinnsla

Fjölhæft fyrirspurnamál

Ekkert Skema

Elasticsearch

Cluster

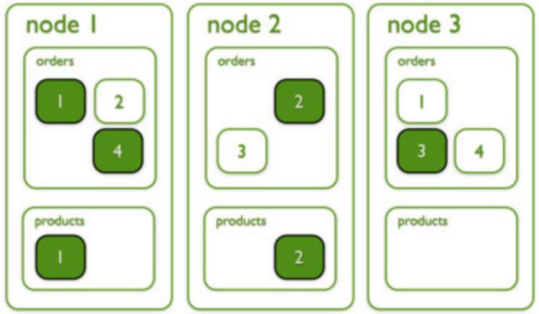
- Collection of Nodes

Index

- Collection of Shards

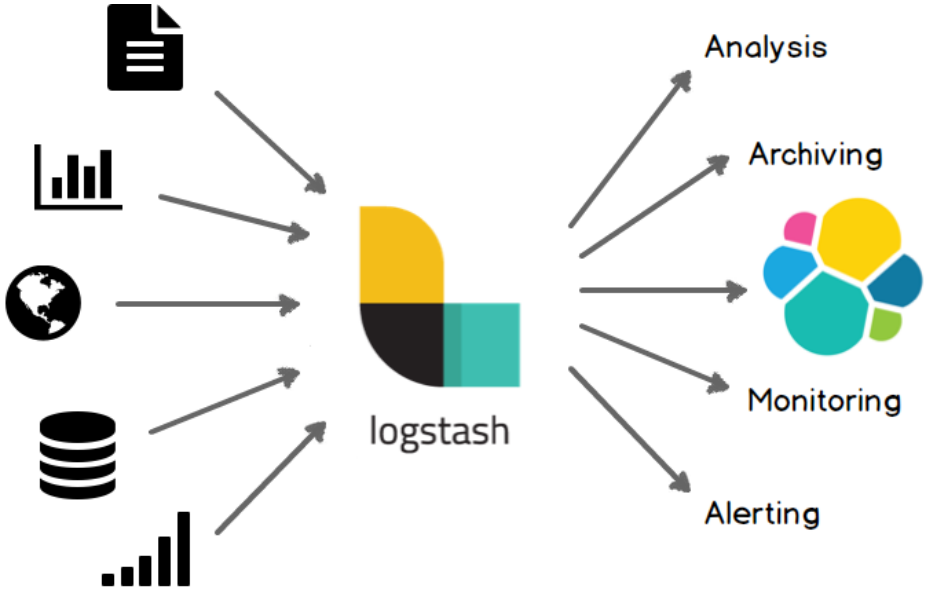
Shard

- Unit of scale
- Distributed across cluster
- Primary and replica



elastic

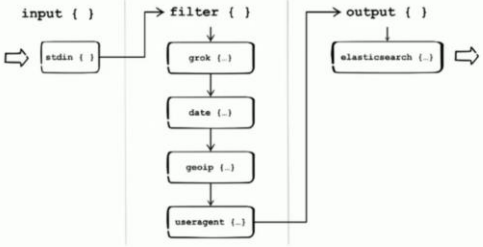
Logstash



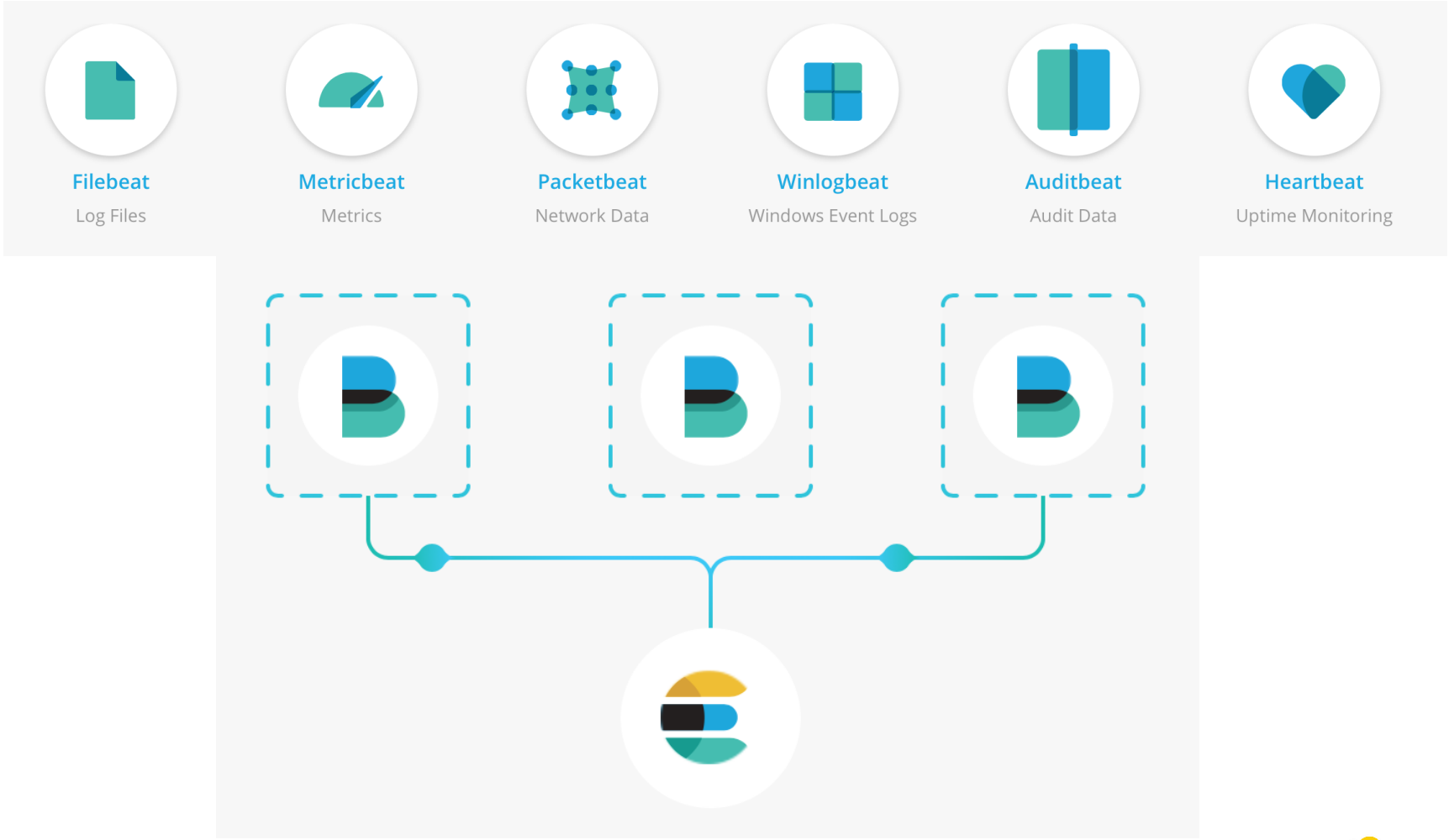
Logstash – Broker

- Inntak
- Síun
  - Þáttun (parsing)
  - auðga
- Úttak

Logstash Pipeline



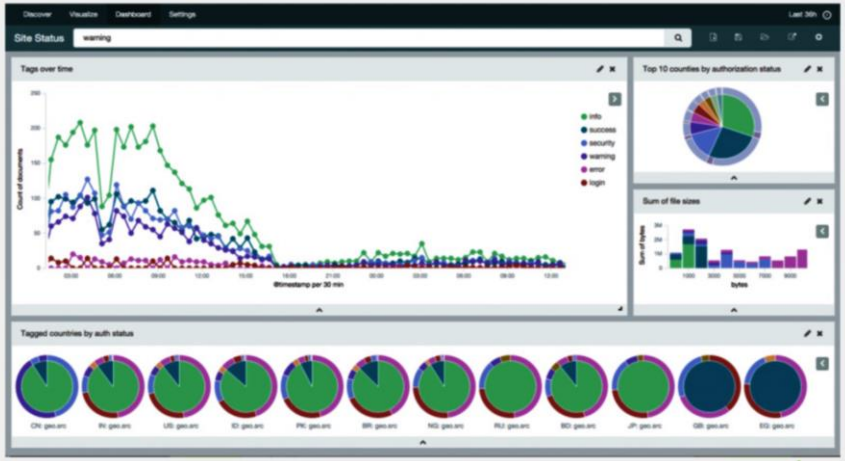
elastic


Filebeat
Log Files
Metricbeat
Metrics
Packetbeat
Network Data
Winlogbeat
Windows Event Logs
Auditbeat
Audit Data
Heartbeat
Uptime Monitoring

Kibana

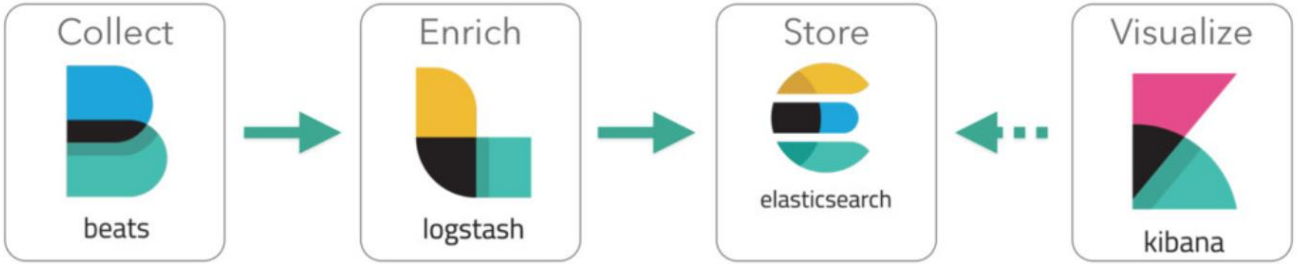
Framsetning og lokavinnsla gagna

Kibana (+logstash data)



elasticsearch.

elastic


Collect
beats
Enrich
logstash
Store
elasticsearch
Visualize
kibana

elastic

Elastic Stack

X-Pack

Elastic Cloud

Takk fyrir

www.elastic.co

elastic