Andokaelk Container Structure Diagram (3 Nodes)

http://xialingxiao.github.io/andokaelk/

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Docker Swarm Cluster
overlay_network: andokaelk_default

Your App Server/Data Source

Andokaelk Stack

swarm-node-0
inventory_hostname: node0

swarm-node-1
inventory_hostname: node1

swarm-node-2
inventory_hostname: node2

kafka cluster

andokaelk_kafka_0
hostname: kafka0

andokaelk_kafka_1
hostname: kafka1

andokaelk_kafka_2
hostname: kafka2

zookeeper cluster

zookeeper 0

zookeeper 1

zookeeper 2

kafka 0

kafka 1

kafka 2

andokaelk_connector_0
hostname: connector0

andokaelk_connector_1
hostname: connector1

andokaelk_connector_2
hostname: connector2

logstash

logstash

logstash

andokaelk_elasticsearch_0
hostname: elasticsearch0

andokaelk_elasticsearch_1
hostname: elasticsearch1

andokaelk_elasticsearch_2
hostname: elasticsearch2

elasticsearch cluster

elasticsearch 0

elasticsearch 1

elasticsearch 2

swarm-master
inventory_hostname: ["gateway", "registry"]

andokaelk_kibana
hostname: kibana

andokaelk_kibana_authlog
hostname: kibanaauthlog

andokaelk_elasticsearch_authlog
hostname: elasticsearchauthlog

kibana

logstash

logstash

docreg

andokaelk_kibana_oauth2
hostname: kibanaoauth2

andokaelk_elasticsearch_oauth2
hostname: elasticsearchoauth2

registry:2.0

oauth2 proxy

oauth2 proxy

kibana access

elasticsearch access

data transmission

data sharing via shared volume