version: '3.5'

# will contain all elasticsearch data.

volumes:

elasticsearch-data-1:

elasticsearch-data-2:

services:

elasticsearch-1:

image: elastdocker/elasticsearch:${ELK\_VERSION}

build:

context: elasticsearch/

args:

ELK\_VERSION: ${ELK\_VERSION}

restart: unless-stopped

environment:

ELASTIC\_USERNAME: ${ELASTIC\_USERNAME}

ELASTIC\_PASSWORD: ${ELASTIC\_PASSWORD}

ELASTIC\_CLUSTER\_NAME: ${ELASTIC\_CLUSTER\_NAME}

ELASTIC\_NODE\_NAME: ${ELASTIC\_NODE\_NAME\_1}

ELASTIC\_INIT\_MASTER\_NODE: ${ELASTIC\_INIT\_MASTER\_NODE}

ELASTIC\_DISCOVERY\_SEEDS: ${ELASTIC\_DISCOVERY\_SEEDS}

ELASTICSEARCH\_PORT: ${ELASTICSEARCH\_PORT}

ES\_JAVA\_OPTS: -Xmx${ELASTICSEARCH\_HEAP} -Xms${ELASTICSEARCH\_HEAP} -Des.enforce.bootstrap.checks=true

bootstrap.memory\_lock: "true"

volumes:

- elasticsearch-data-1:/usr/share/elasticsearch/data

- ./elasticsearch/config/elasticsearch.yml:/usr/share/elasticsearch/config/elasticsearch.yml

- ./elasticsearch/config/log4j2.properties:/usr/share/elasticsearch/config/log4j2.properties

secrets:

- source: elasticsearch.keystore

target: /usr/share/elasticsearch/config/elasticsearch.keystore

- source: elastic.ca

target: /usr/share/elasticsearch/config/certs/ca.crt

- source: elasticsearch.certificate

target: /usr/share/elasticsearch/config/certs/elasticsearch.crt

- source: elasticsearch.key

target: /usr/share/elasticsearch/config/certs/elasticsearch.key

ulimits:

memlock:

soft: -1

hard: -1

nofile:

soft: 200000

hard: 200000

elasticsearch-2:

image: elastdocker/elasticsearch:${ELK\_VERSION}

build:

context: elasticsearch/

args:

ELK\_VERSION: ${ELK\_VERSION}

restart: unless-stopped

environment:

ELASTIC\_USERNAME: ${ELASTIC\_USERNAME}

ELASTIC\_PASSWORD: ${ELASTIC\_PASSWORD}

ELASTIC\_CLUSTER\_NAME: ${ELASTIC\_CLUSTER\_NAME}

ELASTIC\_NODE\_NAME: ${ELASTIC\_NODE\_NAME\_2}

ELASTIC\_INIT\_MASTER\_NODE: ${ELASTIC\_INIT\_MASTER\_NODE}

ELASTIC\_DISCOVERY\_SEEDS: ${ELASTIC\_DISCOVERY\_SEEDS}

ELASTICSEARCH\_PORT: ${ELASTICSEARCH\_PORT}

ES\_JAVA\_OPTS: -Xmx${ELASTICSEARCH\_HEAP} -Xms${ELASTICSEARCH\_HEAP} -Des.enforce.bootstrap.checks=true

bootstrap.memory\_lock: "true"

volumes:

- elasticsearch-data-2:/usr/share/elasticsearch/data

- ./elasticsearch/config/elasticsearch.yml:/usr/share/elasticsearch/config/elasticsearch.yml

- ./elasticsearch/config/log4j2.properties:/usr/share/elasticsearch/config/log4j2.properties

secrets:

- source: elasticsearch.keystore

target: /usr/share/elasticsearch/config/elasticsearch.keystore

- source: elastic.ca

target: /usr/share/elasticsearch/config/certs/ca.crt

- source: elasticsearch.certificate

target: /usr/share/elasticsearch/config/certs/elasticsearch.crt

- source: elasticsearch.key

target: /usr/share/elasticsearch/config/certs/elasticsearch.key

ulimits:

memlock:

soft: -1

hard: -1

nofile:

soft: 200000

hard: 200000