

version: '3'

services:

elasticsearch:

image: docker.elastic.co/elasticsearch/elasticsearch:8.0.0

container_name: elasticsearch

environment:

- discovery.type=single-node
- ES_JAVA_OPTS=-Xms2g -Xmx2g # Set heap size to 2GB

ports:

- "9200:9200"
- "9300:9300"

volumes:

- elasticsearch_data:/usr/share/elasticsearch/data

networks:

- devsecops

logstash:

image: docker.elastic.co/logstash/logstash:8.0.0

container_name: logstash

ports:

- "5044:5044"

volumes:

- logstash_config:/usr/share/logstash/config
- logstash_pipelines:/usr/share/logstash/pipeline

networks:

- devsecops

kibana:

image: docker.elastic.co/kibana/kibana:8.0.0

container_name: kibana

ports:

- "5601:5601"

depends_on:

- elasticsearch

environment:

- ELASTICSEARCH_HOSTS=http://elasticsearch:9200
- ELASTICSEARCH_USERNAME=kibana
- ELASTICSEARCH_PASSWORD=kibana

networks:

- devsecops

volumes:

elasticsearch_data:

logstash_config:

logstash_pipelines:

kibana_data:

networks:

devsecops:

driver: bridge