DevOps Lab

ELK INTRODUCTION

Home tasks

TASK 1

1. Spin-up VM-1 using by Vagrant. It must match next conditions:
   a. OS Centos should be installed (use sbeliakou/centos image)
   b. Tomcat appserver should be installed
   c. "Testapp" application should be deployed and running on the server
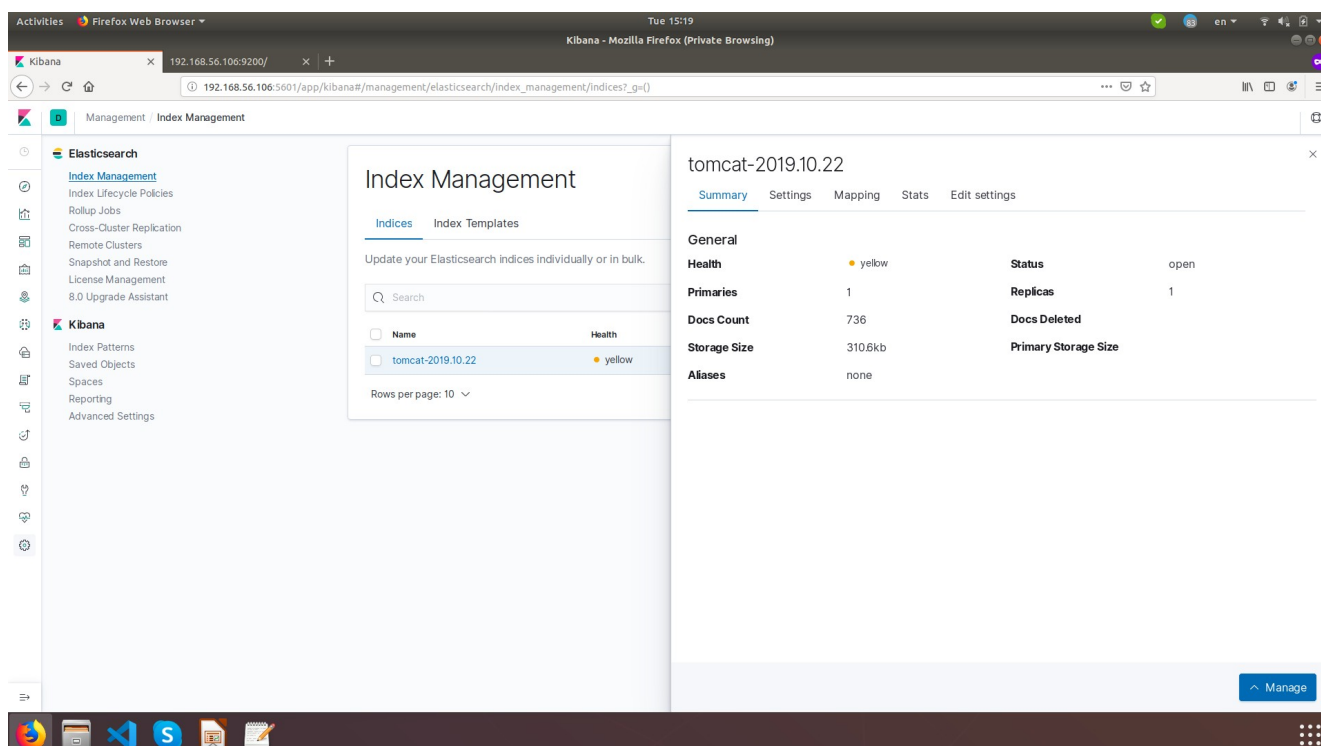   d. Logstash should be installed and configured for working with VM-2

TASK 2

1. Spin-up second VM-2 using by Vagrant. It must match next conditions:
   a. OS Centos should be installed (use sbeliakou/centos image)
   b. Elasticsearch should be installed and configured
   c. Kibana should be installed and configured

TASK 3

1. Analyze application workflow using by Kibana, provide screenshots
2. Preform several deploying-undeploying operations (Testapp), check changes, overview logstash logs using by Kibana UI; provide appropriate screenshots

HOMETASK REQUIREMENTS

1. Vargantfile for provisioning required infrastructure
2. SH – scripts for installation/configuring of the necessary applications
3. Screenshots of the application's state (from Kibana)

For creating config files I used "echo" and "cat>>EOF" functions.
Best practice – use files, that stored in secure storage, download it with credentials, change values with variable.

But it is solution for learning, so I used just script with variable.