

Homework M7: Elastic Stack

Main goal is to build further on what was demonstrated during the practice

Tasks

Utilizing what was discussed and shown during the lecture, try to do the following:

1. Build an infrastructure with three machines - one server for the **Elastic Stack (Elasticsearch, Logstash, and Kibana)** and two clients - one with **CentOS** and one with **Ubuntu**. For the server you can use either **CentOS** or **Ubuntu**
2. Install **Metricbeat** on the two client machines and make sure that the **system module** is **enabled**
3. Configure the **Logstash** to receive data from the beats and to forward the data to **Elasticsearch**
4. Using the **REST API** create an index pattern in **Kibana**

Please note that your solution should be automated to the extent possible

Proof

Prepare a document that show what you accomplished and how you did it. It can include (not limited to):

1. The commands you used to achieve the above tasks
2. Any configuration files produced while solving the tasks
3. A few pictures showing intermediary steps or results