Terraform: ELK Basics and Application

➤ How to Debug Issue in production?

➤ ELK stands for **Elasticsearch**, **Logstash**, and **Kibana**.

➤ Each of these tools are Open-Source and can be used Independently.

➤ Together providing a solution to the common problem, ie. efficiently store, search and visualize large text files or logs.

➤ **Elastisearch :**

➤ ES is central component of the ELK stack. Elasticsearch offers multi-node (scalable) distributed search and analytics engine.

➤ Stores and indexes data centrally and provides REST API access to it. Can be taken as a database for text files.

➤ **Logstash :**

➤ Input for ES. Logstash can receive logs or text files from different sources, transform it, and send it Elasticsearch.

➤ **Kibana** :

➤ Kibana gives a UI to Elasticsearch, using which you can visualize and navigate the data stored in Elasticsearch.

See you in next lecture …