In this project I am creating an IaC behind a SIEM, Kibanna. In this infrastructure I am creating a jump box to move between and monitor the web and Elk servers. I created the load balancer to distribute the network traffic although there is only one web server. In the web server and Elk servers I created docker containers for DVWA and Kibanna, then edited the /etc/systct.conf file to set the configuration max map count on boot. Once the servers were configured, I downloaded filebeat onto the webserver to push the log from the web server to the Elk server so we can view it through elastic.co. This was done so we can monitor the logs in a more user-friendly way. In the NSGs I configured them to only allow access from sources I recognize to reduce others ability to access the machines.