Homework File: Cloud Security

Background

- During the last week, you created a highly available web server for XCorp's Red Team to use for testing and training.

- Your lead cloud administrator has asked for a diagram of the Network you created to keep for documentation and company records.

- Your task: Use draw.io to create a detailed diagram of your cloud infrastructure.

Cloud Recap

When you're finished completing all the activities in cloud week, you should have: - A total of 3 VMs running DVWA.

- All 3 VMs receiving traffic from your load balancer.

If you did not setup the 3rd (optional) VM, you should have: - A total of 2 VMs running DVWA

- Both VMs receiving traffic from your load balancer.

You can complete this homework with either 2 or 3 VMs.

Your Goal

When you are finished with this assignment, you should have a network diagram that shows your entire cloud setup, including your Ansible jump box and the Docker containers running on each VM.

This document can be used as part of a portfolio to demonstrate your ability.

Instructions

Use a free account at draw.io to diagram the entire cloud network you have created.

- Your diagram should show the following:
  - Azure resource group
  - Virtual network with IP address range
  - Subnet range
  - Flow of specific traffic (e.g., HTTP, SSH)
  - Security group blocking traffic
  - Load balancer
  - All 4 VMs that you have launched
  - Where Docker and Ansible are deployed