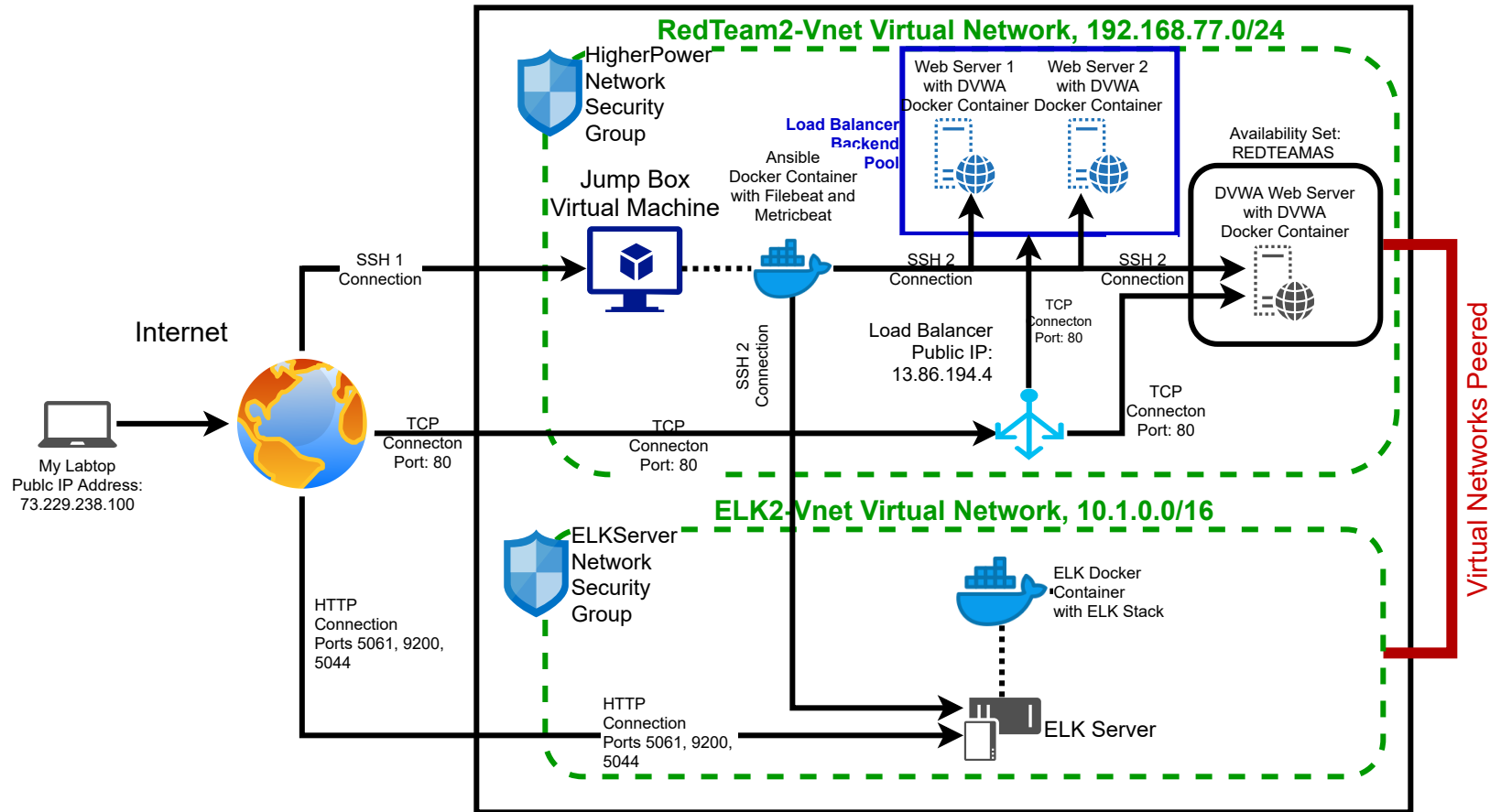


Cloud Infrastructure

Resource: RedTeam



Network Security Groups' Security Rules



HigherPower Network Security Group

Inbound security rules						
Priority	Name	Port	Protocol	Source	Destination	Action
490	SSH_Port	22	Any	73.229.238.100	Any	✔ Allow
500	⚠ RDP_Port	3389	Any	Any	Any	✔ Allow
510	SSH_From_JumpBox	22	Any	192.168.77.12	VirtualNetwork	✔ Allow
520	TCP_Port_Home	80	Any	73.229.238.100	VirtualNetwork	✔ Allow
530	Allow_LoadBalancer	80	Any	AzureLoadBalancer	VirtualNetwork	✔ Allow
65000	AllowVnetInBound	Any	Any	VirtualNetwork	VirtualNetwork	✔ Allow
65001	AllowAzureLoadBalancerInBound	Any	Any	AzureLoadBalancer	Any	✔ Allow
65500	DenyAllInBound	Any	Any	Any	Any	✖ Deny
Outbound security rules						
Priority	Name	Port	Protocol	Source	Destination	Action
65000	AllowVnetOutBound	Any	Any	VirtualNetwork	VirtualNetwork	✔ Allow
65001	AllowInternetOutBound	Any	Any	Any	Internet	✔ Allow
65500	DenyAllOutBound	Any	Any	Any	Any	✖ Deny



ELKServer Network Security Group

Inbound security rules						
Priority	Name	Port	Protocol	Source	Destination	Action
320	⚠ SSH	22	Any	Any	Any	✔ Allow
330	TCP_Ports_ELKServer2	5601,9200,5044	Any	73.229.238.100	VirtualNetwork	✔ Allow
65000	AllowVnetInBound	Any	Any	VirtualNetwork	VirtualNetwork	✔ Allow
65001	AllowAzureLoadBalancerInBound	Any	Any	AzureLoadBalancer	Any	✔ Allow
65500	DenyAllInBound	Any	Any	Any	Any	✖ Deny
Outbound security rules						
Priority	Name	Port	Protocol	Source	Destination	Action
65000	AllowVnetOutBound	Any	Any	VirtualNetwork	VirtualNetwork	✔ Allow
65001	AllowInternetOutBound	Any	Any	Any	Internet	✔ Allow
65500	DenyAllOutBound	Any	Any	Any	Any	✖ Deny

Virtual Machines' Network Data



Jump Box Virtual Machine

Network IP Address: 13.93.144.74

Operating System: Linux (Ubuntu 18.04)

Installed Containers: Ansible (with filebeat and metricbeat)

Exposed Ports: SSH Port 22

Allowed IP Addresses: 73.229.238.100



Web Server 1

Network IP Address: 192.168.77.13

Operating System: Linux (Ubuntu 18.04)

Installed Containers: DVWA

Exposed Ports: SSH Port 22

Allowed IP Addresses: 192.168.77.12



Web Server 2

Network IP Address: 192.168.77.14

Operating System: Linux (Ubuntu 18.04)

Installed Containers: DVWA

Exposed Ports: SSH Port 22

Allowed IP Addresses: 192.168.77.12



DVWA Web Server

Network IP Address: 192.168.77.4

Operating System: Linux (Ubuntu 18.04)

Installed Containers: DVWA

Exposed Ports: SSH Port 22, TCP Port 80

Allowed IP Addresses: 192.168.77.12/140.118.244.175



ELK Server

Network IP Address: 10.1.0.4

Operating System: Linux (Ubuntu 18.04)

Installed Containers: ELK

Exposed Ports: SSH Port 22, HTTP Ports 5601, 9200, 5504

Allowed IP Addresses: 192.168.77.12/73.229.238.100