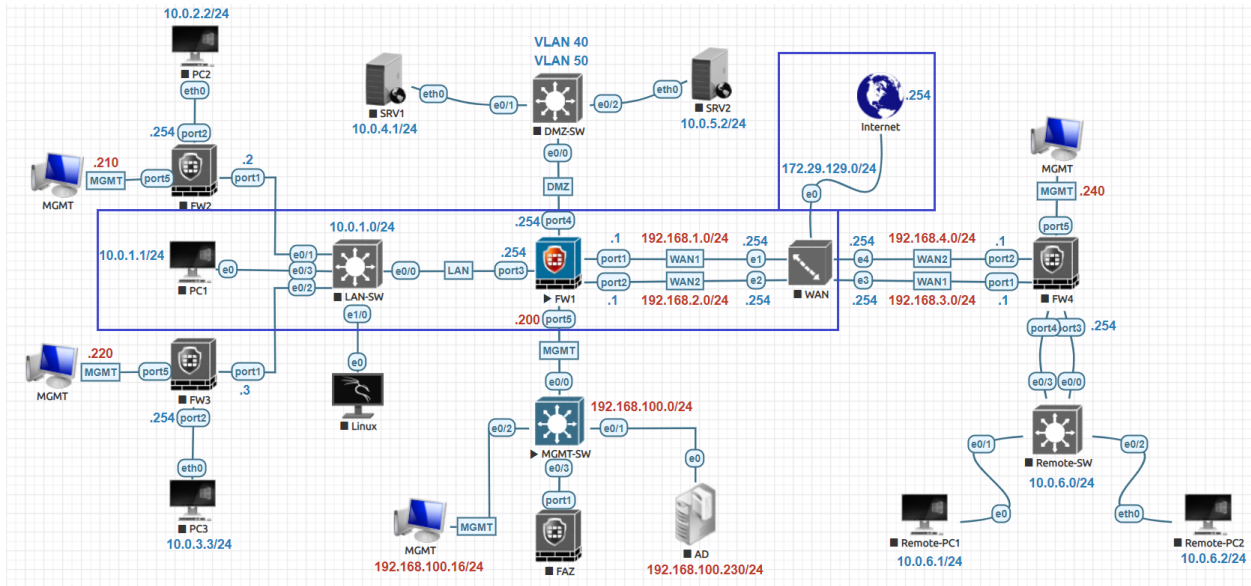
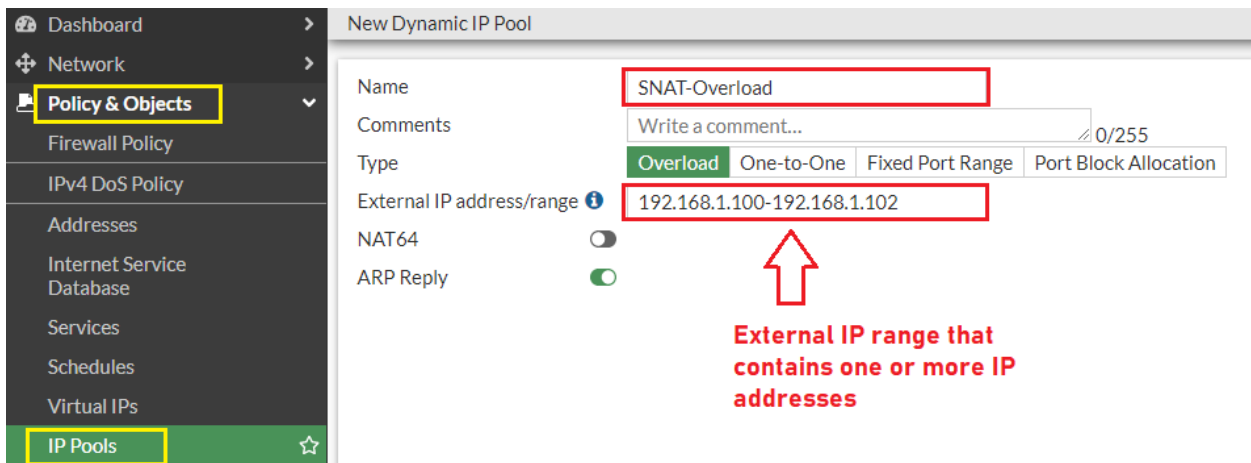
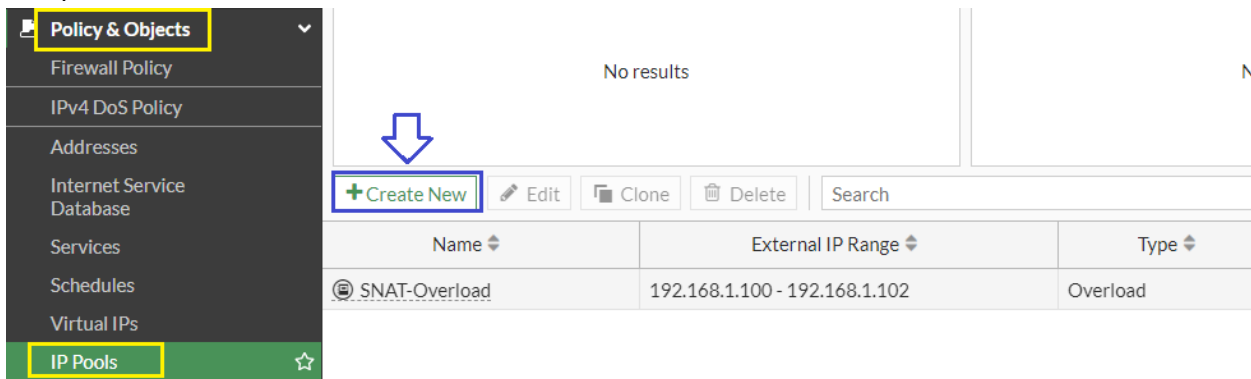


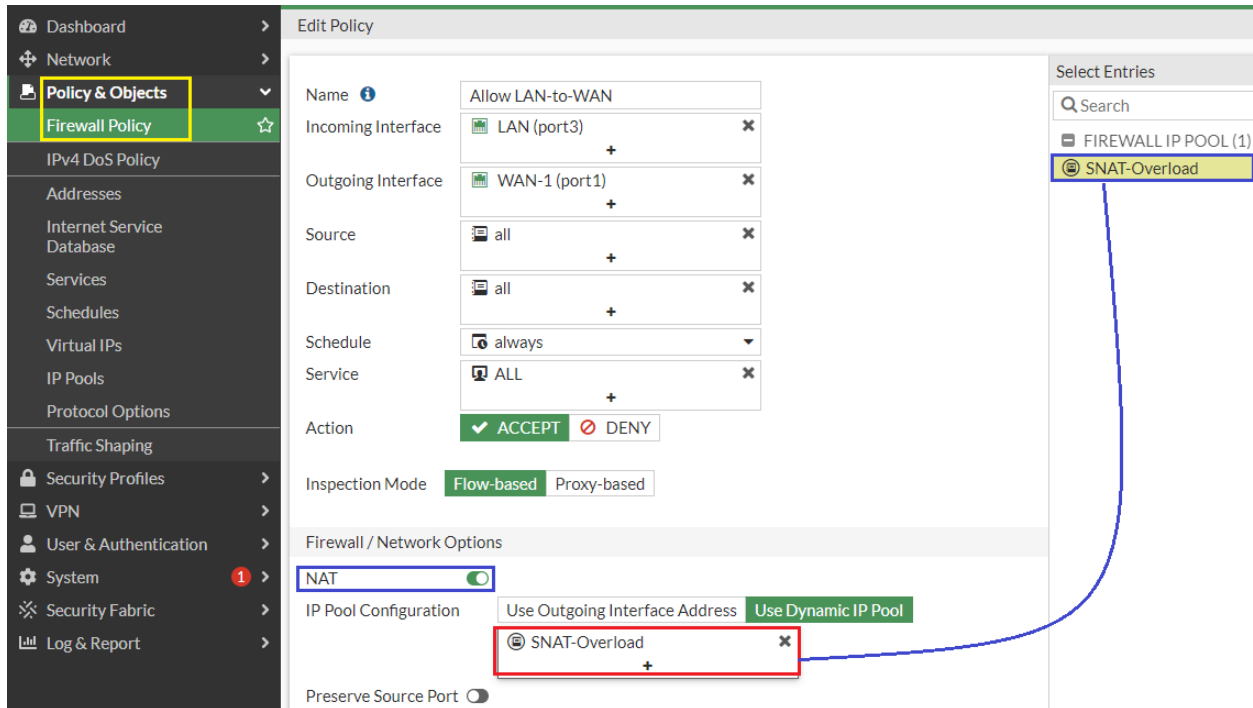
## Policy Source Overload NAT Lab:



First, let's create the IP Pool, navigate to **Policy & Objects > IP Pools** and click **Create New**. Enter a descriptive name, click **Overload** and enter the external IP address you want applied for this pool in our case **192.168.1.100 – 192.168.1.102**

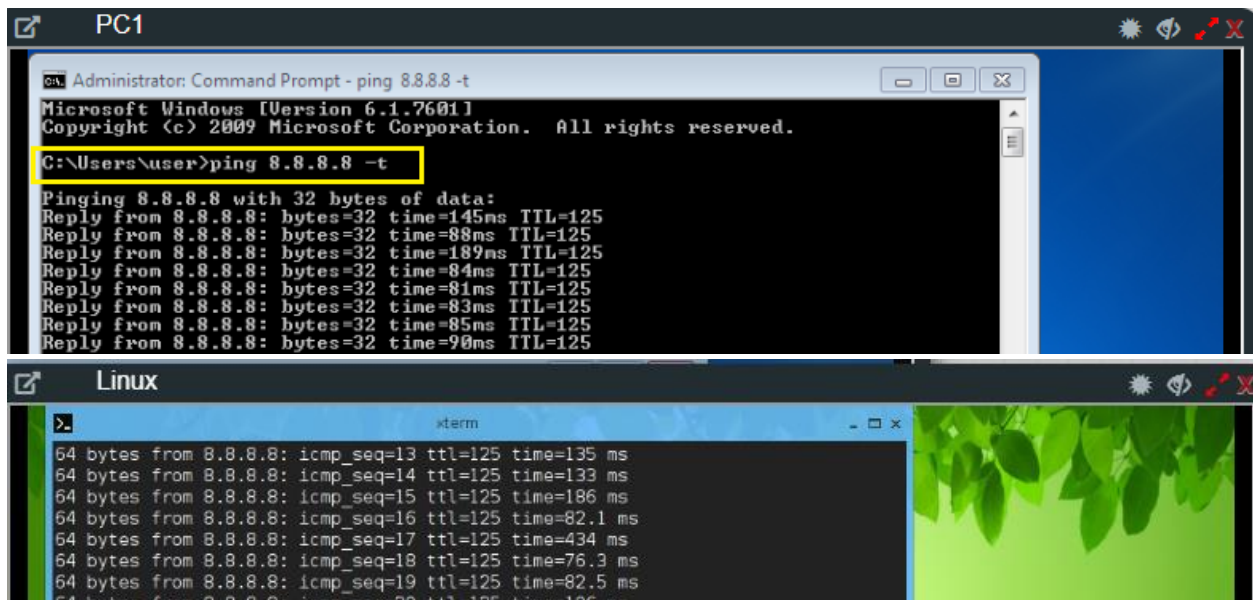


Let's go back to **Policy & Objects > Firewall Policy** Enable **NAT** and Change the IP Pool Configuration to **Use Dynamic IP Pool** and select the IP Pool created earlier (**SNAT-Overload**) and click **OK**.



### Verification & Testing:

When the clients in internal network need to access servers in external network, we need to translate IP addresses from **10.0.1.0/24** to an IP address **192.168.1.100 – 192.168.1.102**. For packets that match this policy, its source IP address is translated to the IP address of the outgoing range **192.168.1.100 – 192.168.1.102**. Let's visit from internal PCs to **external**.



Let's go to **Dashboard>FortiView Session** better to Apply Filter for best view.

Source	Destination	Destination Interface	Application	Source NAT Address
10.0.1.1	8.8.8.8	WAN-1 (port1)	ICMP/8	192.168.1.100
10.0.1.10	1.1.1.1	WAN-1 (port1)	UDP/53	192.168.1.102
10.0.1.10	1.1.1.1	WAN-1 (port1)	UDP/53	192.168.1.102
10.0.1.10	172.217.18.227	WAN-1 (port1)	TCP/443	192.168.1.100
10.0.1.10	172.217.18.227	WAN-1 (port1)	TCP/443	192.168.1.100
10.0.1.10	172.217.18.227	WAN-1 (port1)	TCP/443	192.168.1.100
10.0.1.10	1.1.1.1	WAN-1 (port1)	UDP/53	192.168.1.102

Let's verify through Fortigate Firewall CLI command **get system session list**.

```
FW1 #
FW1 # get system session list
PROTO  EXPIRE  SOURCE          SOURCE-NAT      DESTINATION     DESTINATION-NAT
icmp    59       10.0.1.1:1      192.168.1.100:60417  8.8.8.8:8      -
tcp     3597    10.0.1.10:57452 192.168.1.100:57452 172.217.18.227:443 -
udp     154     10.0.1.10:33078 192.168.1.102:33078 1.1.1.1:53     -
udp     152     192.168.1.102:3797 -                8.8.8.8:53     -
udp     153     10.0.1.10:35834 192.168.1.102:35834 1.1.1.1:53     -
udp     178     10.0.1.10:39294 192.168.1.102:39294 1.1.1.1:53     -
```