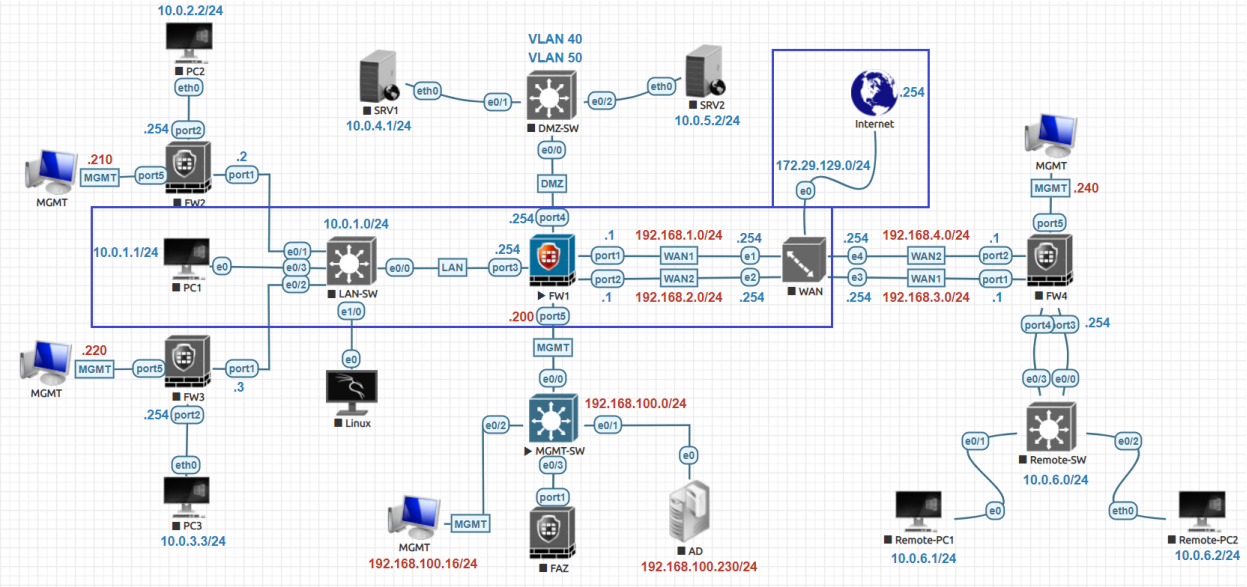
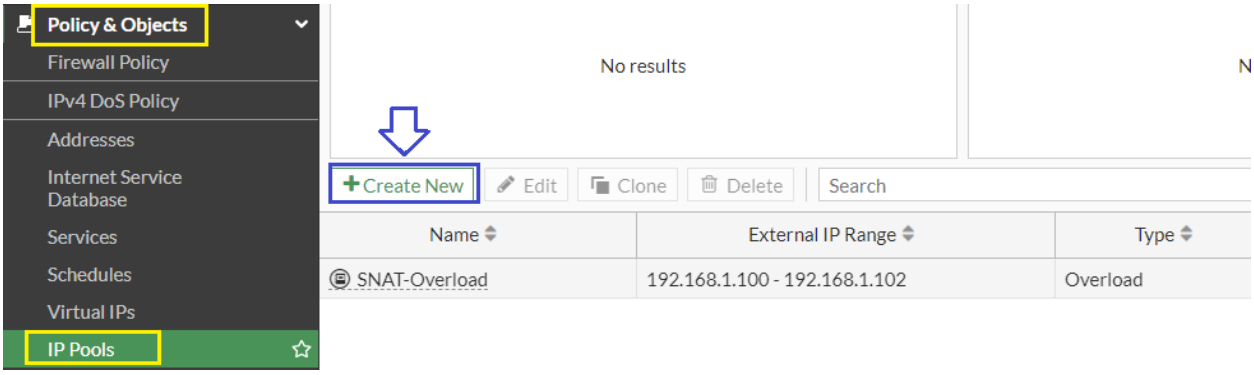
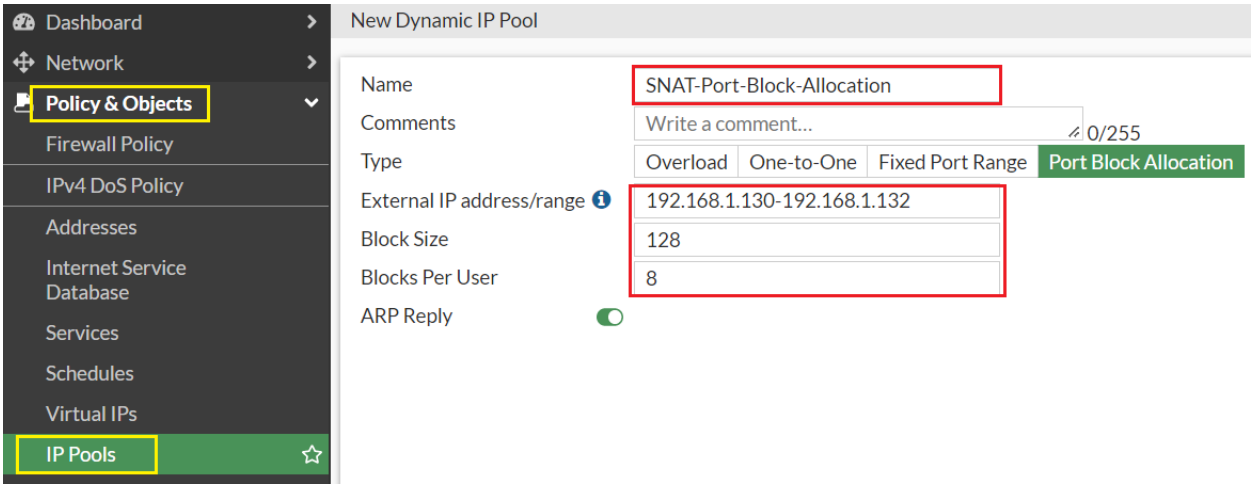
Policy Source Port Block Allocation NAT Lab:

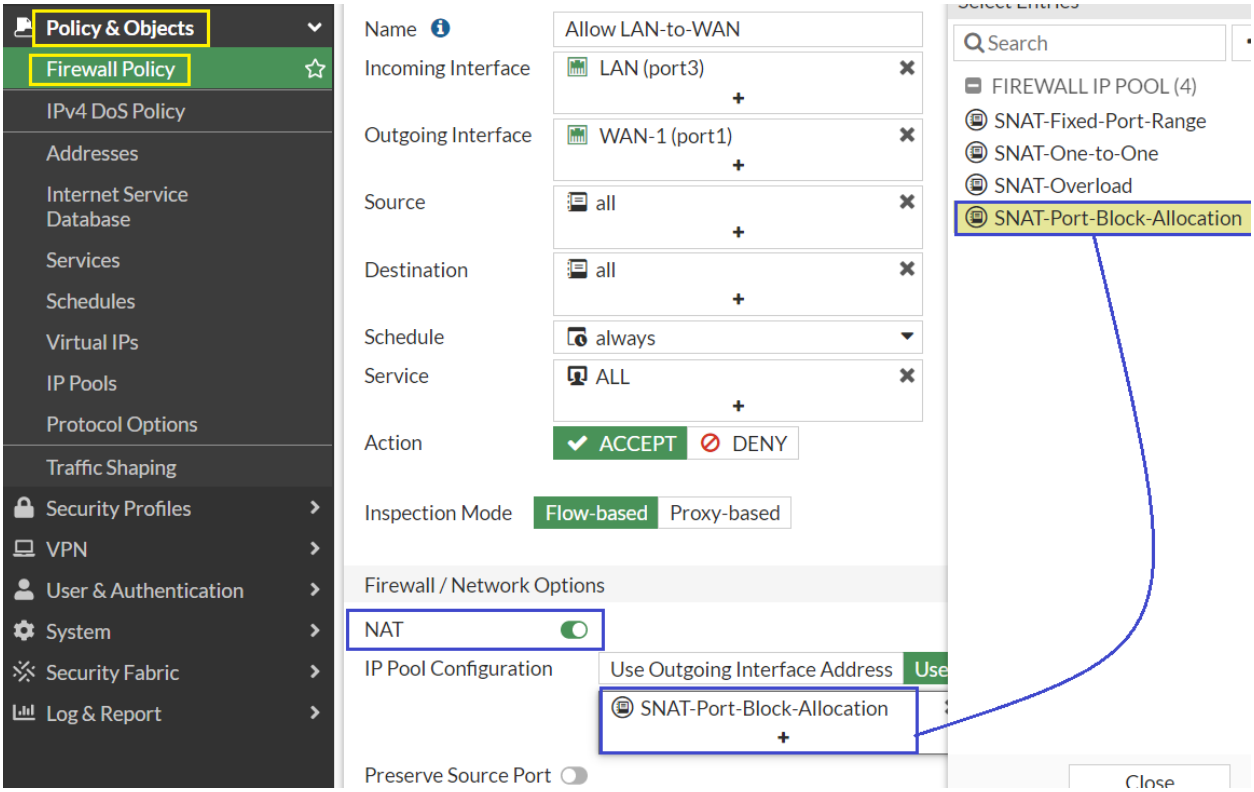


First, to create the IP Pool, Port Block Allocation NAT pool. Navigate to Policy & Objects > IP Pools and click Create New Enter a descriptive name, click Port Block Allocation and enter the external IP address want applied for this pool in this case (192.168.1.130-192.168.1.132).



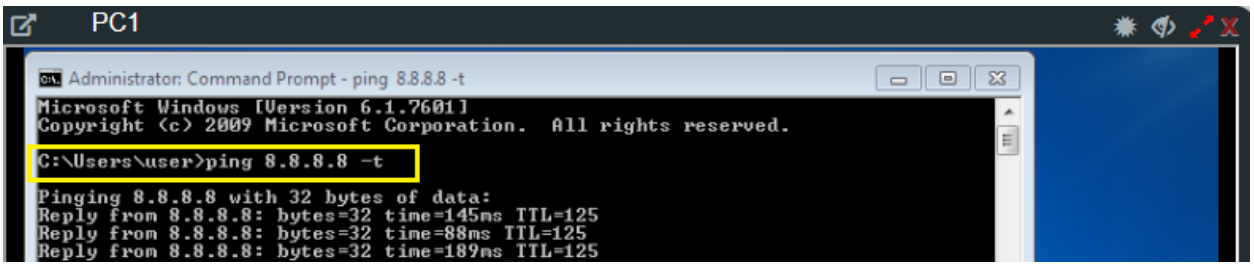


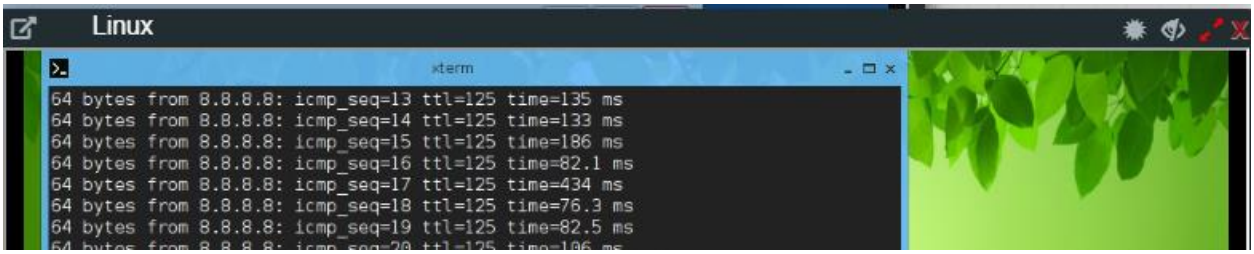
Let's go back to Policy & Objects > Firewall Policy Enable NAT and Change the IP Pool Configuration to Use Dynamic IP Pool and select the IP Pool created earlier which is (SNAT-Port-Block-Allocation). Click OK.



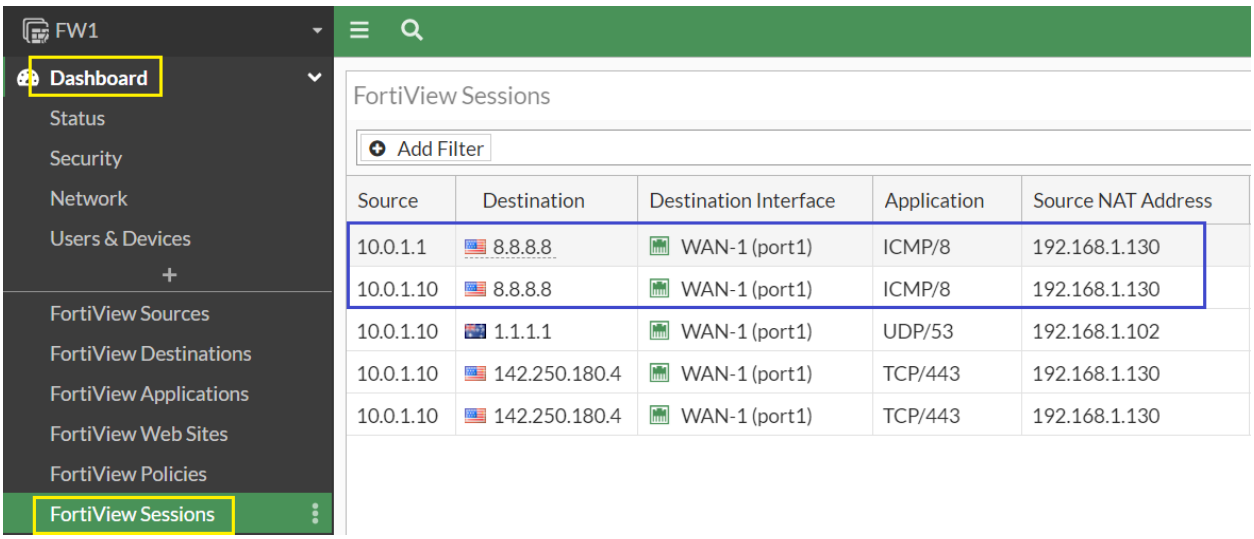
Verification & Testing:

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 IP address 192.168.1.130 – 192.168.1.132. For packets that match this policy, its source IP address is translated to the IP address of the outgoing range 192.168.1.130 – 192.168.1.132. Let's visit from internal PCs to external.





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



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