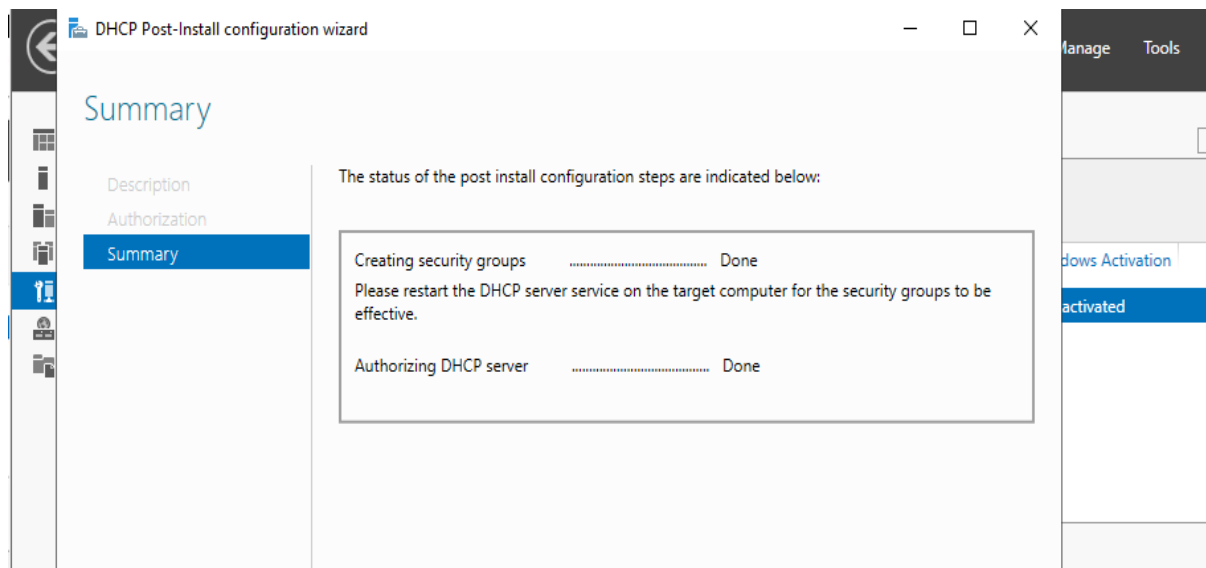


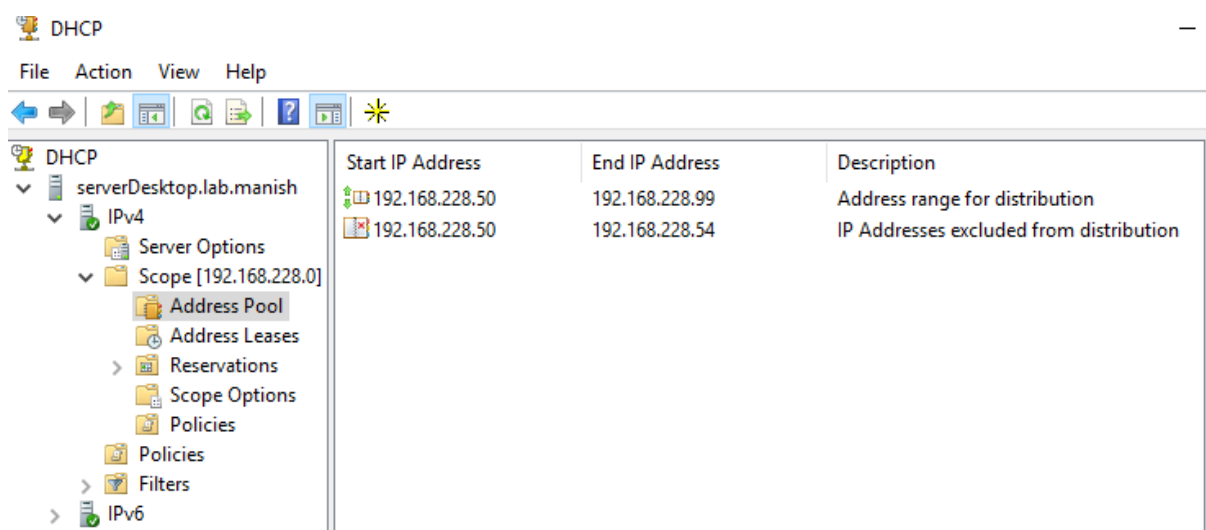
## Lab 3, Part 1: Network Infrastructure

In this lab, DHCP Server Role was installed and a DHCP scope was configured for the network on the DHCP server. The address pool hosted 50 IP addresses.

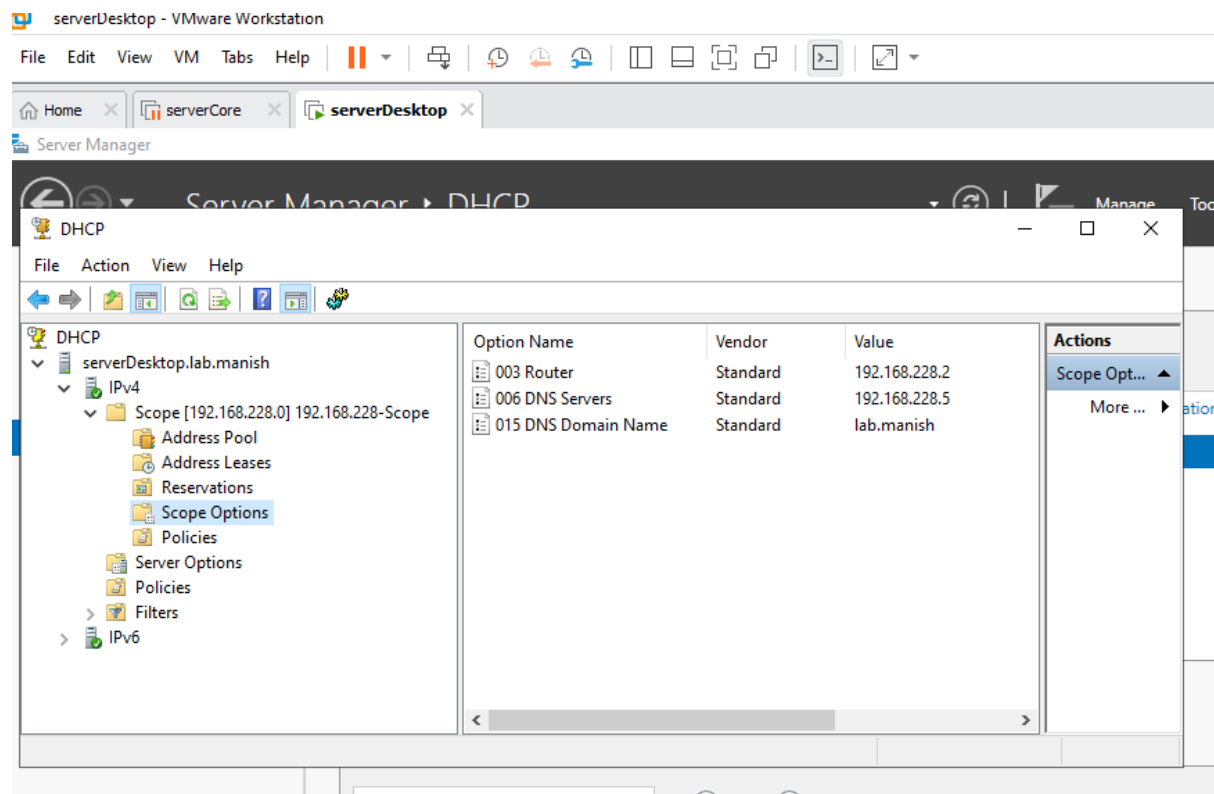
The DC is a DNS server as well, so we continued with the DHCP configuration in this lab.



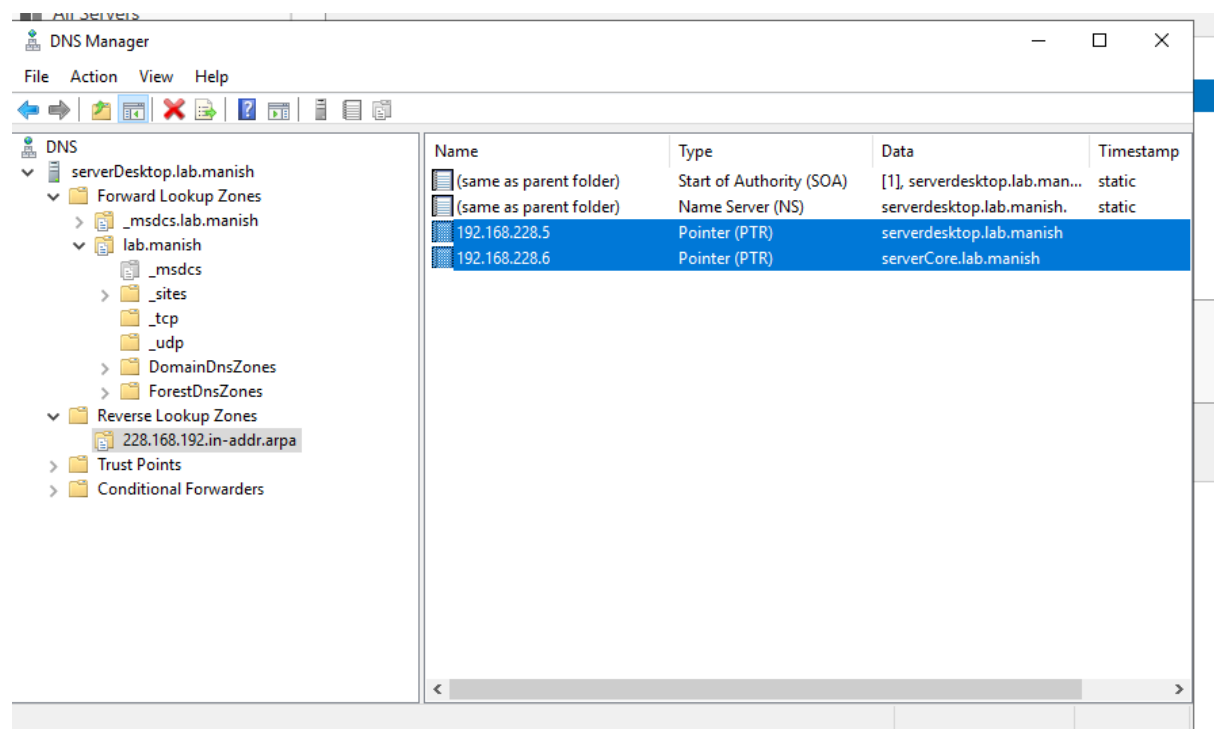
Configurations for the DHCP is shown in the following screenshot. A DHCP pool of addresses ranging from 192.168.228.50 to 192.168.228.99 was created. Addresses 192.168.228.50 to 192.168.228.54 (5 addresses) were excluded from the pool while remaining are leased.



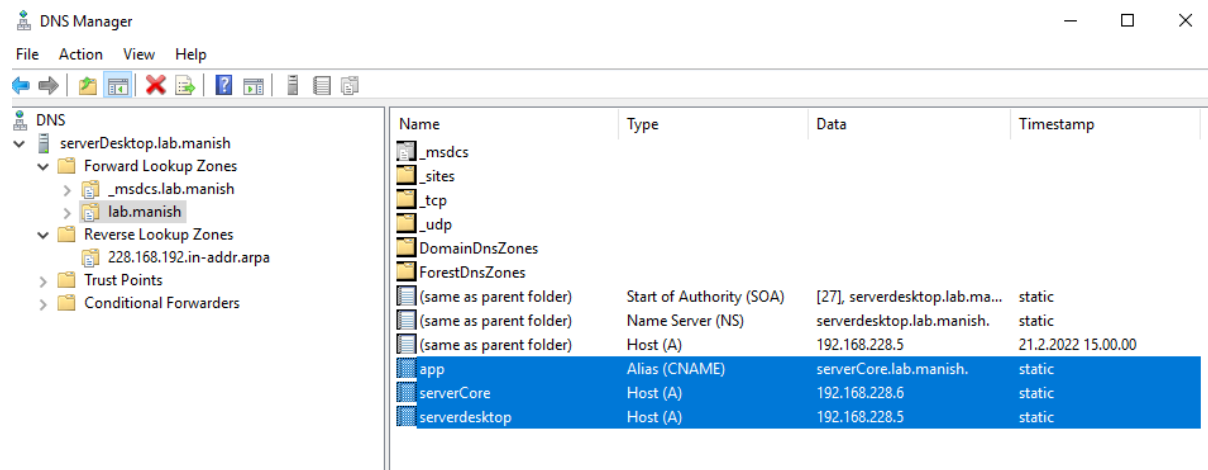
## The DHCP scope configurations:



Reverse Lookup Zones were created for both servers in our environment.



DNS host A record was created for the serverCore. A CNAME (an alias) for the server was added to the records pointing to the serverCore.



Name	Type	Data	Timestamp
_msdcs			
_sites			
_tcp			
_udp			
DomainDnsZones			
ForestDnsZones			
(same as parent folder)	Start of Authority (SOA)	[27], serverdesktop.lab.ma...	static
(same as parent folder)	Name Server (NS)	serverdesktop.lab.manish.	static
(same as parent folder)	Host (A)	192.168.228.5	21.2.2022 15.00.00
app	Alias (CNAME)	serverCore.lab.manish.	static
serverCore	Host (A)	192.168.228.6	static
serverdesktop	Host (A)	192.168.228.5	static