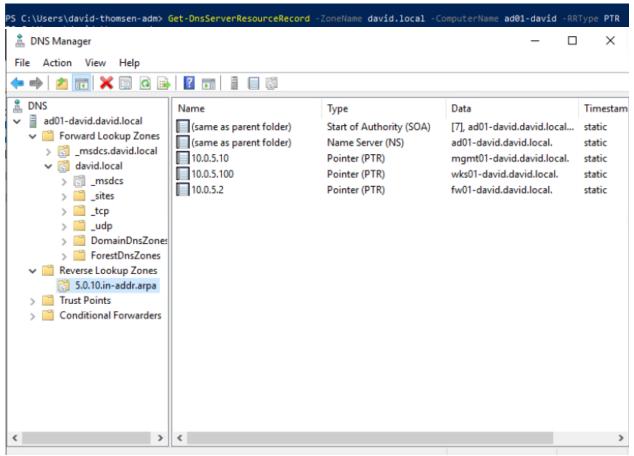


```
PS C:\Users\david+thomsen-adm> Get-ADUser -filter 'Name -like "david*"' -Properties MemberOf
DistinguishedName : CN=david thomsen,CN=Users,DC=david,DC=local
Enabled
                 : True
GivenName
                  : david
MemberOf
Name
                  : david thomsen
                 : user
ObjectClass
ObjectGUID
                  : c6294390-08a8-4c28-b629-e8967984f19b
SamAccountName
                  : david-thomsen
SID
                  : 5-1-5-21-3364371340-3348759129-4140418422-1105
Surname
                  : thomsen
UserPrincipalName : david-thomsen@david.local
DistinguishedName : CN=david thomsen adm, CN=Users, DC=david, DC=local
Enabled
                : True
GivenName
                  : david
MemberOf
                  : {CN=Domain Admins,CN=Users,DC=david,DC=local}
                 : david thomsen adm
Name
                : user
: 0fb11f58-be13-42d4-bee9-15305789763c
: david-thomsen-adm
ObjectClass
ObjectGUID
SamAccountName
                  : S-1-5-21-3364371340-3348759129-4140418422-1106
SID
                  : thomsen
Surname
UserPrincipalName : david-thomsen-adm@david.local
```

```
PS C:\Users\david-thomsen-adm> Get-DnsClientServerAddress
InterfaceAlias
                             Interface Address ServerAddresses
                             Index Family
Ethernet0
                                     5 IPv4
                                               {10.0.5.5}
                                     5 IPv6
                                               {}
{}
{}
{fec0:0:0:ffff::1, fec0:0:0:ffff::2, fec0:0:0:ffff::3}
Ethernet0
                                     1 IPv4
Loopback Pseudo-Interface 1
Loopback Pseudo-Interface 1
PS C:\Users\david-thomsen-adm> Get-DnsServerResourceRecord -ZoneName david.local -ComputerName ad01-david -RRType A
HostName
                         RecordType Type
                                                Timestamp
                                                                     TimeToLive
                                                                                      RecordData
                                              1/23/2022 12:00:0... 00:10:00
0 01:00:00
1/23/2022 1:00:00 PM 00:10:00
                                                                                      10.0.5.5
ad01-david
                                                                                      10.0.5.5
10.0.5.5
DomainDnsZones
                                                1/23/2022 1:00:00 PM 00:10:00
                                                                                     10.0.5.5
10.0.5.2
ForestDnsZones
                                                               01:00:00
fw01-david
mgmt01-david
                                                                     01:00:00
                                                                                      10.0.5.10
10.0.5.100
wks01-david
                                                1/23/2022 1:00:00 PM 00:20:00
PS C:\Users\david-thomsen-adm> Test-NetConnection champlain.edu -TraceRoute -Hops 3
WARNING: Trace route to destination 208.115.107.132 did not complete. Trace terminated :: 192.168.4.251
ComputerName : champlain.edu
RemoteAddress : 208.115.107.132
InterfaceAlias : Ethernet0
SourceAddress
SourceAddress
                         : 10.0.5.10
PingSucceeded
                         : True
PingReplyDetails (RTT): 79 ms
TraceRoute
                      : 10.0.5.2
                           10.0.17.2
                           192.168.4.251
PS C:\Users\david-thomsen-adm> tracert -h 3 champlain.edu
Tracing route to champlain.edu [208.115.107.132] over a maximum of 3 hops:
                <1 ms
                <1 ms
       <1 ms
        1 ms
Trace complete.
PS C:\Users\david-thomsen-adm>
```



I was unable to get the command to show the PTR Records however, they are all shown in the Server Manager. Most likely the command is wrong but I was unable to find one that worked.

Git: https://github.com/dthomsen116/SYS-265/wiki/TJ1:-Lab00