

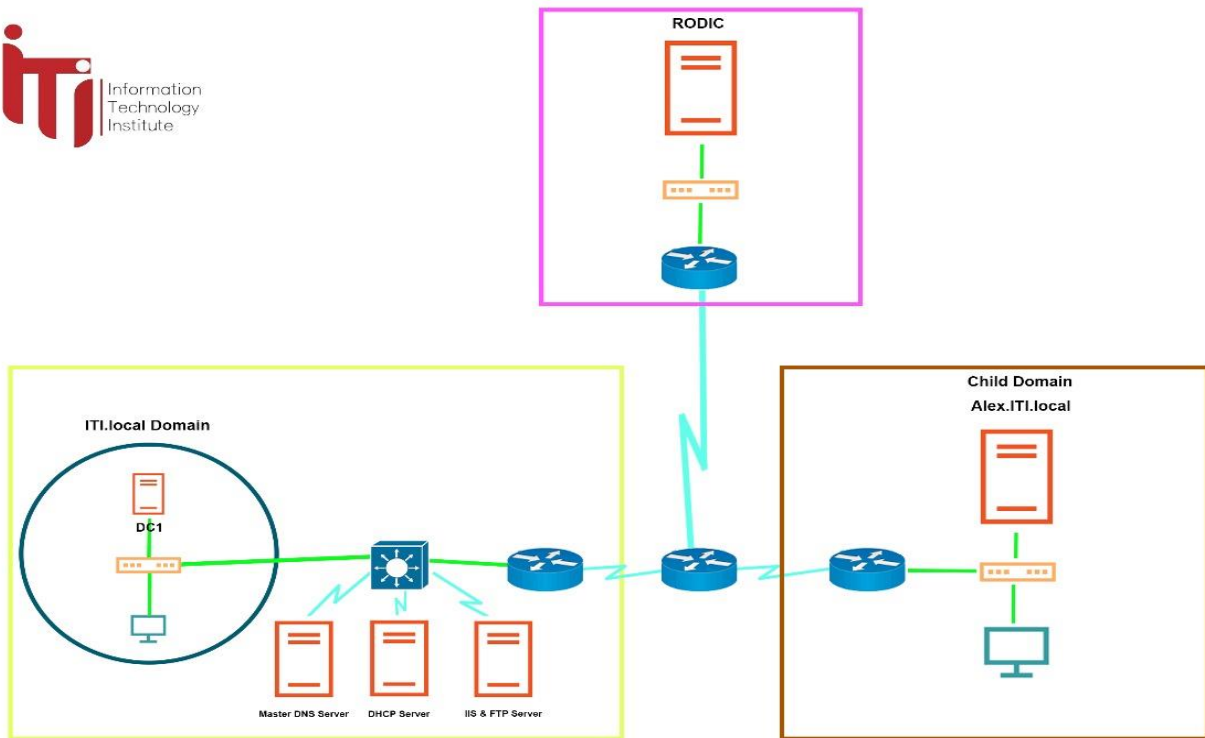


**Supervised by Eng .Mohamed Abo Sehly**

### **Team member**

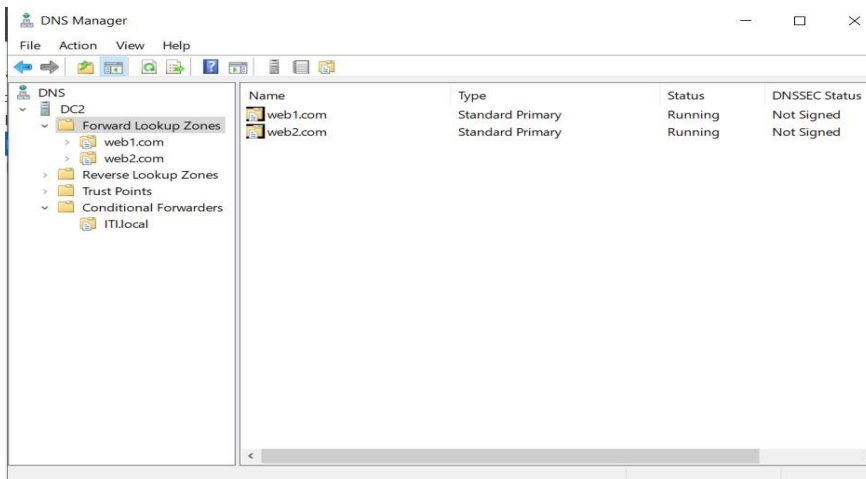
- 1- Mohamed Abdallah Abdelbaset
- 2- Marven Ayoub
- 3- Shrien Hammed
- 4- Moahmed Mahmoud
- 5- Omar Ashraf
- 6- Mohamed Elsayed Mousa

# Topology



## Data center

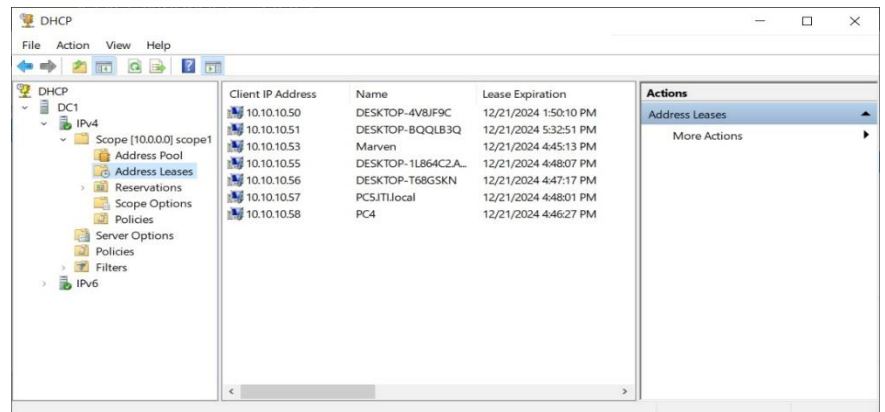
### Stand alone DNS



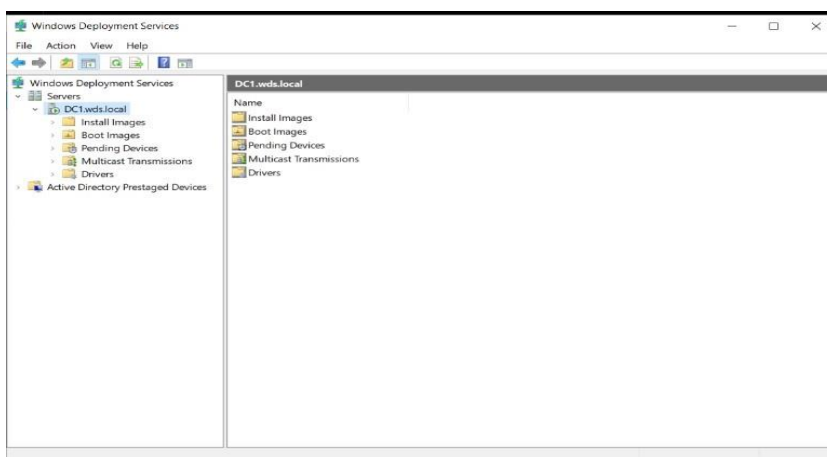
STAND Alone DNS Define in this network web1.com an dweb2.com and conditional forwarders for DNS in head office

### DHCP

DHCP server have one scope 10.10.10.0 and config reservations and config scope options (DHCP,DNS,GATWAY)

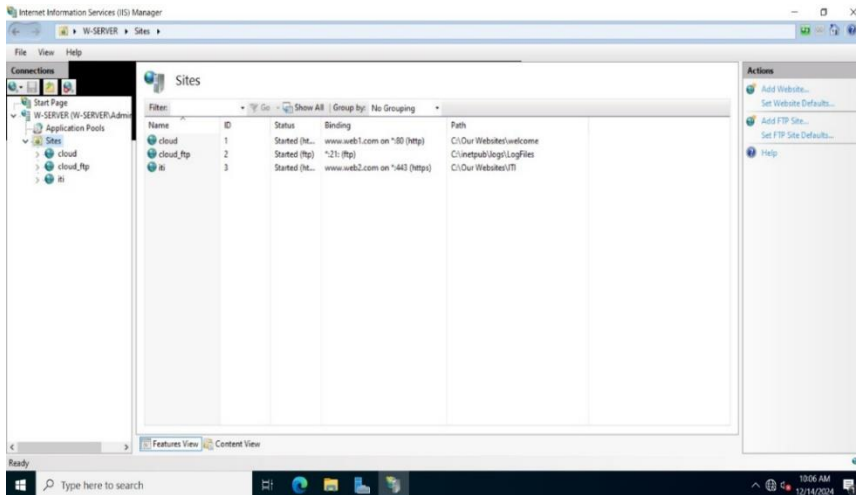


### WDS



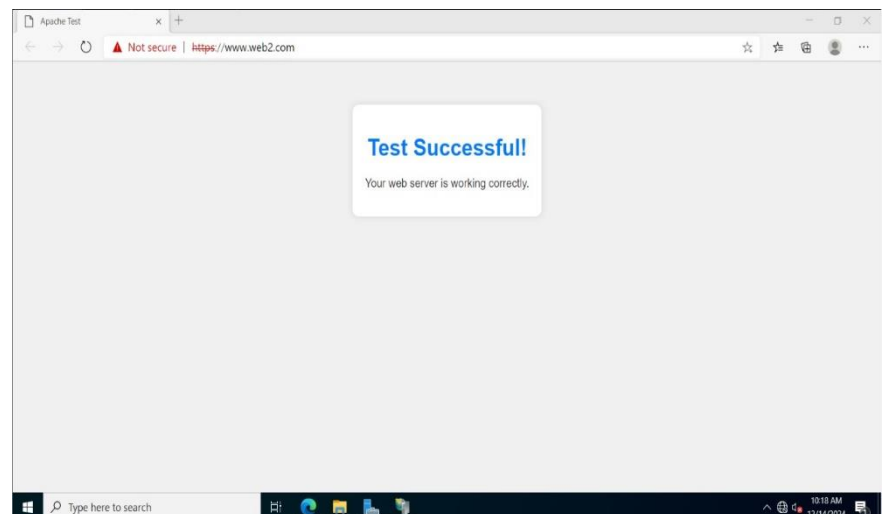
Config WDS and config scope in DHCP allow client to boot from Network and install os over Network

## Web server

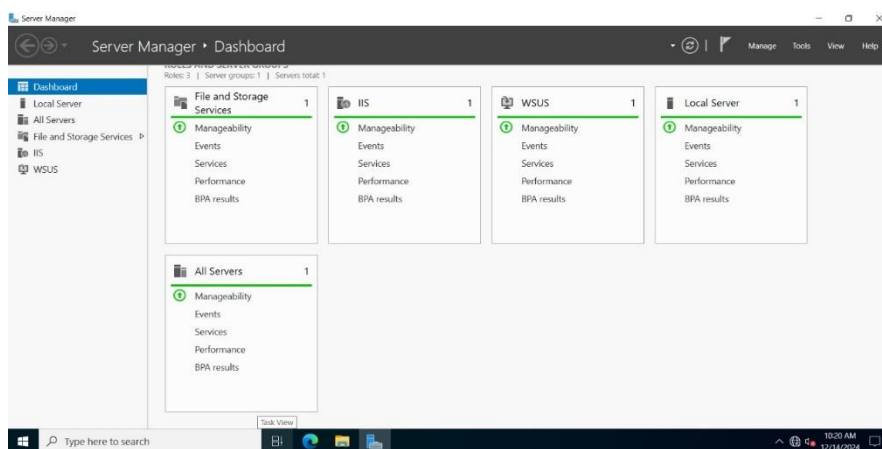


Config two web site on this server and config each one with hostname web1.conm and web2.com

Config we2.com with https protocol to become more secure to make transformation encrypted

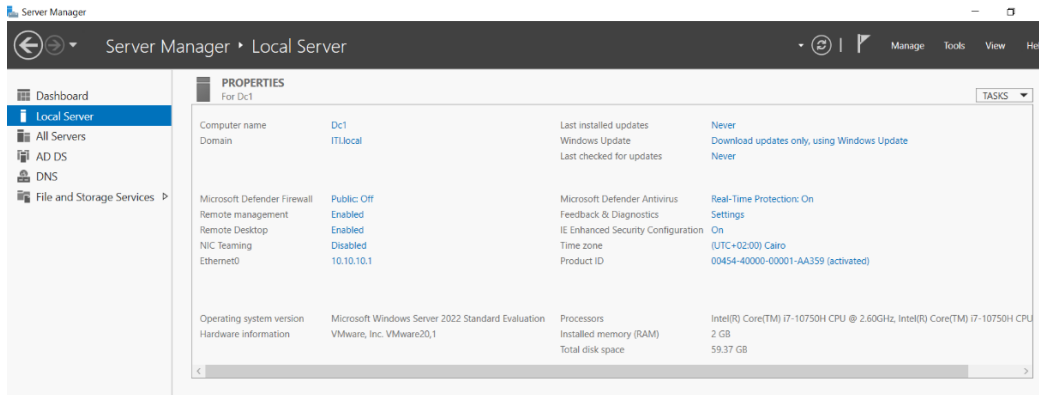


## WSUS



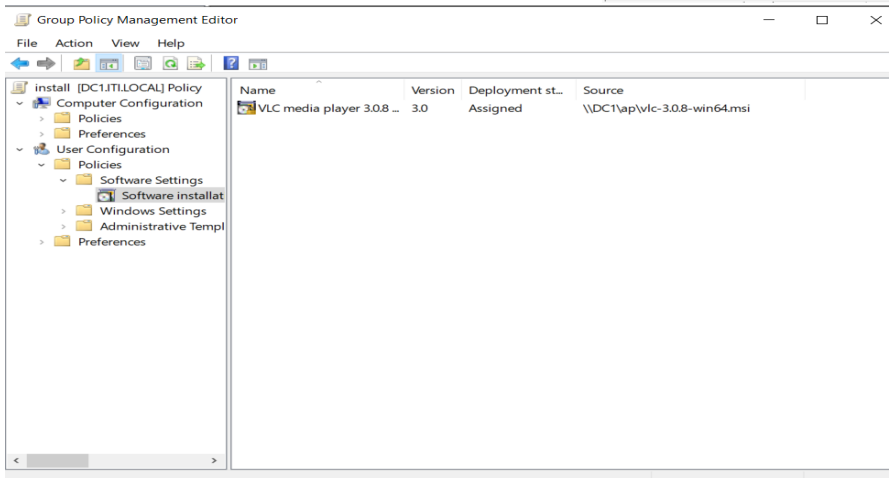
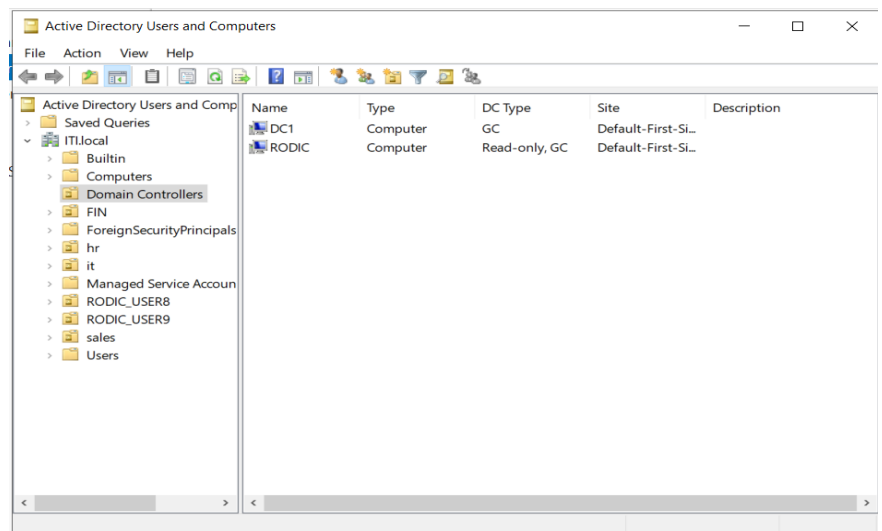
Config wsus server to enable device to update from it

## In head office (primary domain controller)



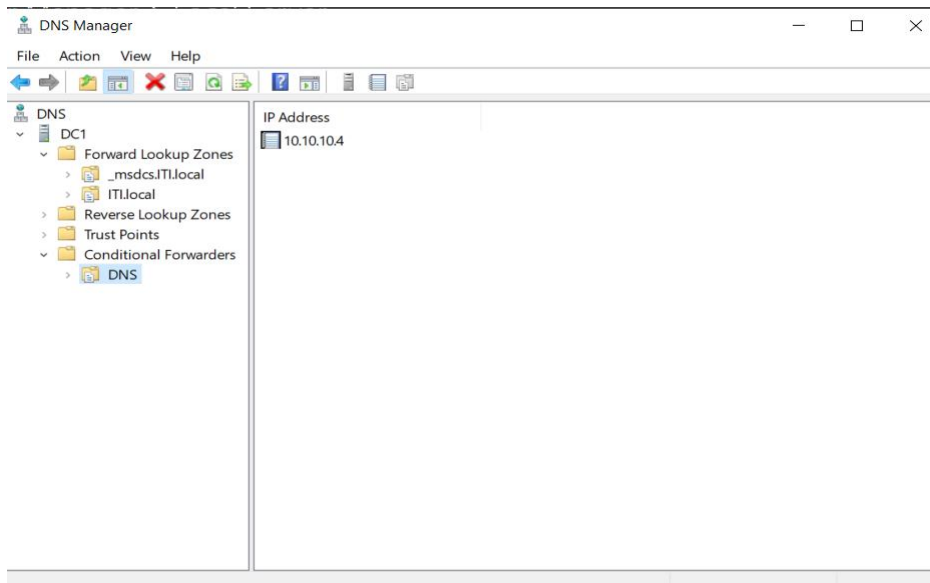
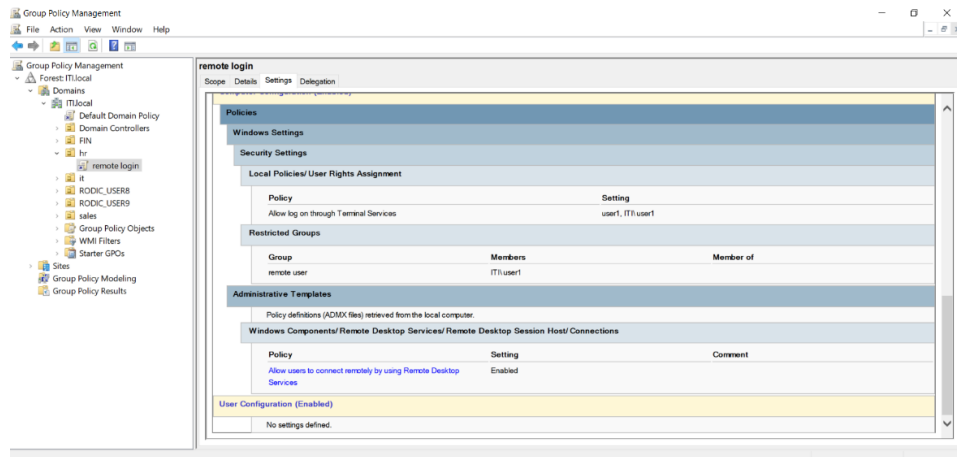
Install & Deployment  
Active Directory Domain  
Service Role and Basic  
Configuration

Create OUS AND users Create  
group policy enable user2 remote  
login to dc Lock USB local control  
panel

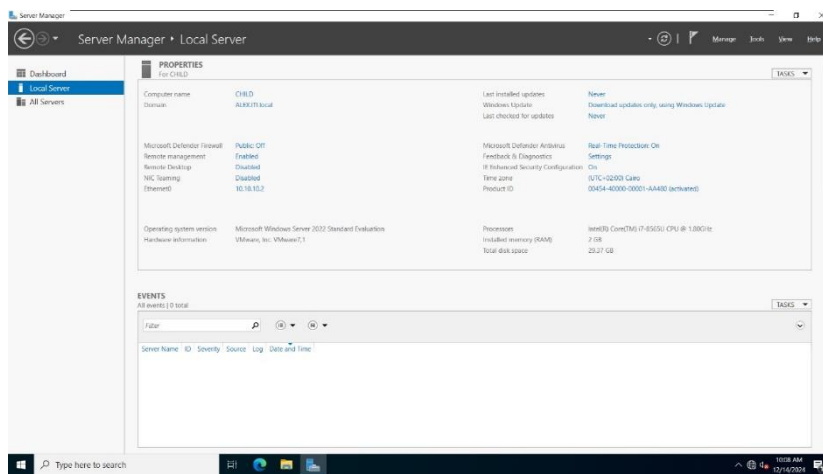


Make group policy for user to  
install vlc program without  
user intervention

Make group policy for group of user  
allow to them make remote login to  
dc1 without join him to administrator  
group

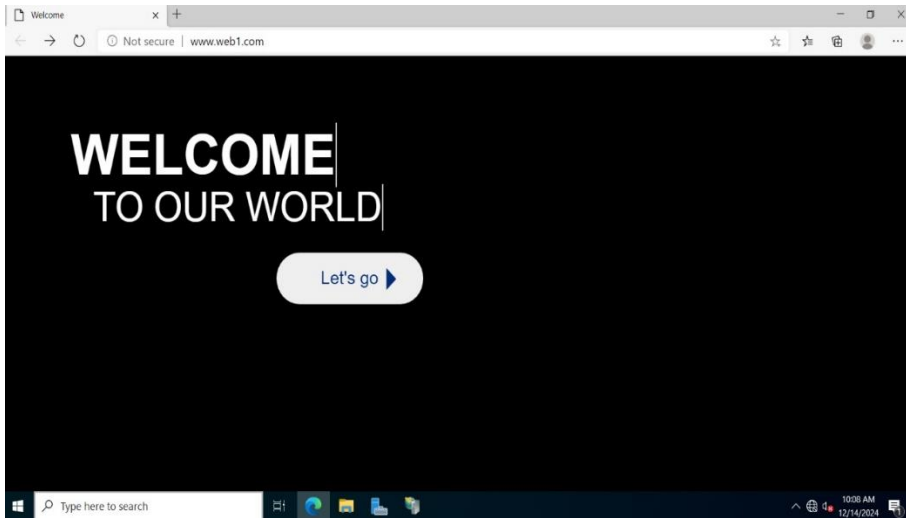


Install & Config DNS sever and  
Make Conditional Forwarders  
to stand alone DNS



Config child domain controller and  
test it create users and group  
policy

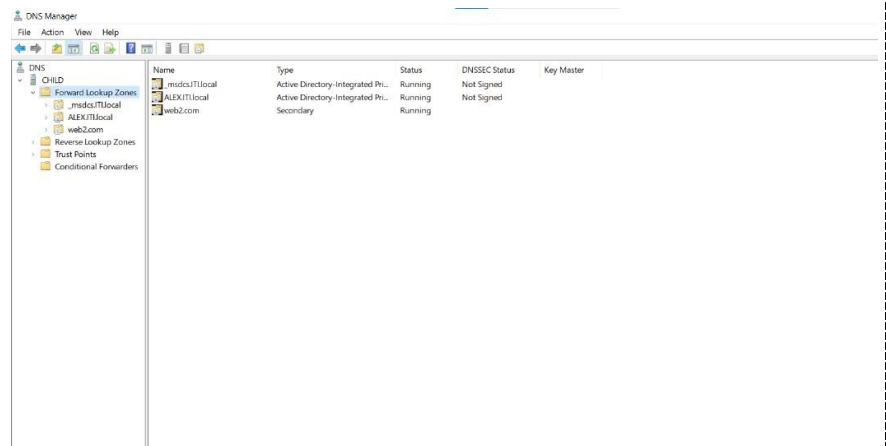
## Alexandria branch (Child Domain Controller)



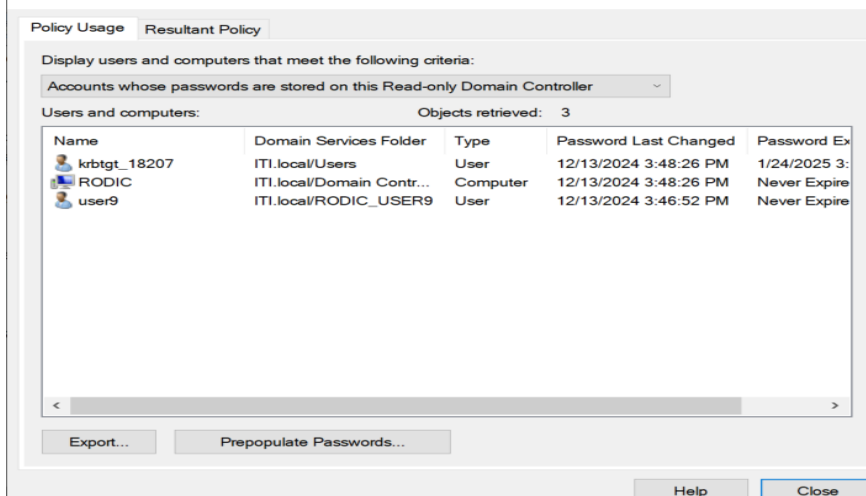
From head office try to access web1.com to test DNS forwarding and test iis server

## DNS

Config DNS for Alexandria Branch for local user take secondary DNS from head office and config conditional forwarding



### Advanced Password Replication Policy for RODIC



User. 9 can replicate his password to Rodic