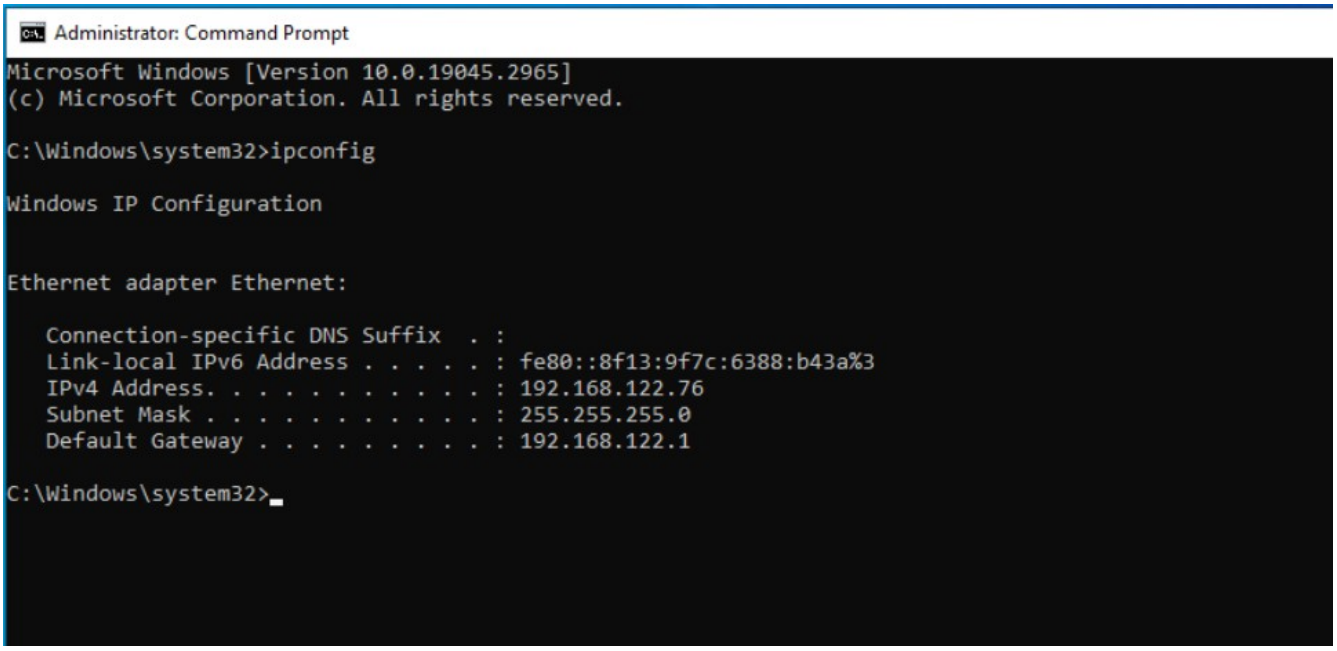
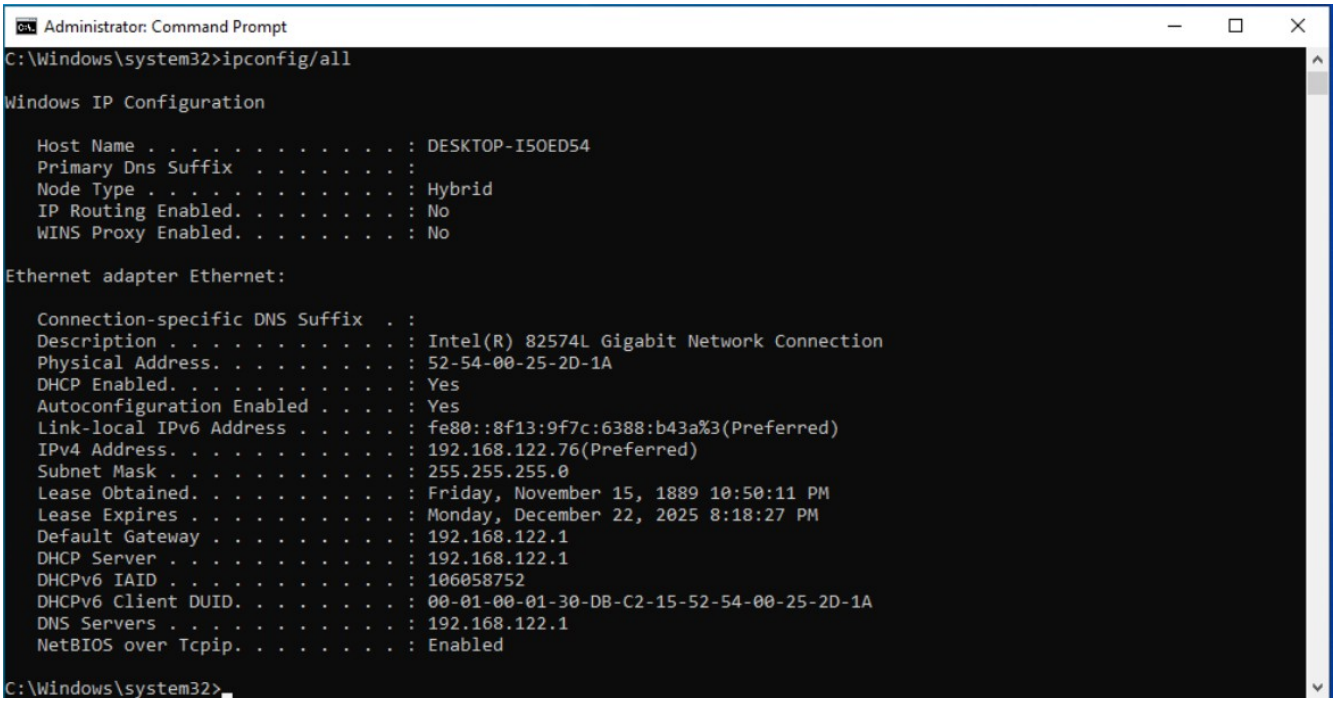
Name: Nooreldeen Ayman Mohammed Elmobashar
Track: Open Source
Branch: ITI Mansoura

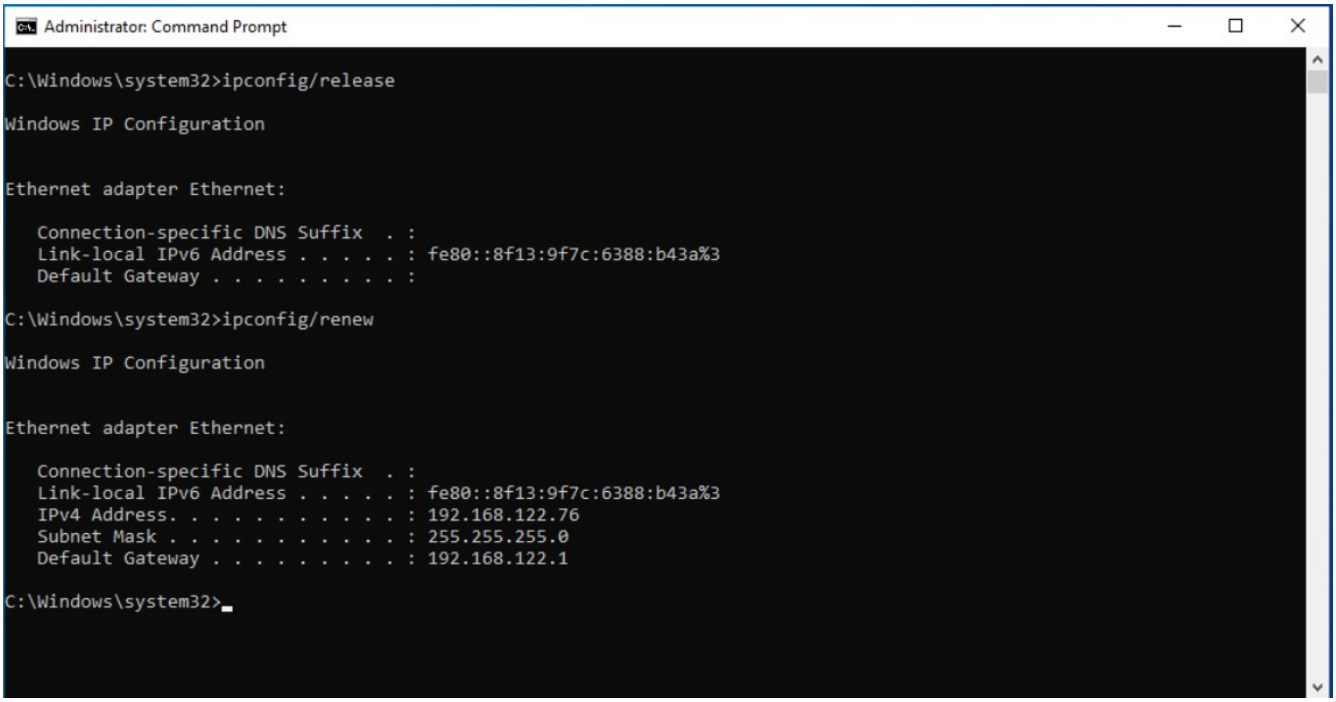
1- Ipconfig Command



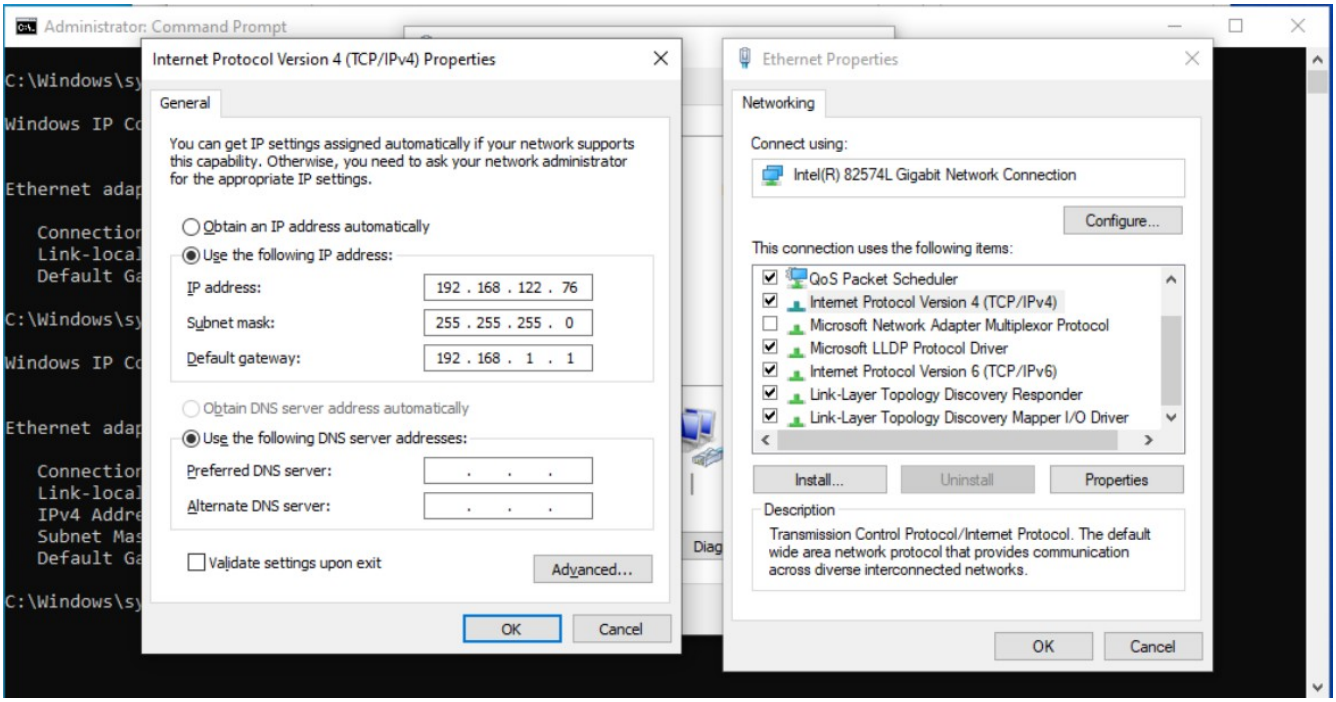
Ipconfig /all

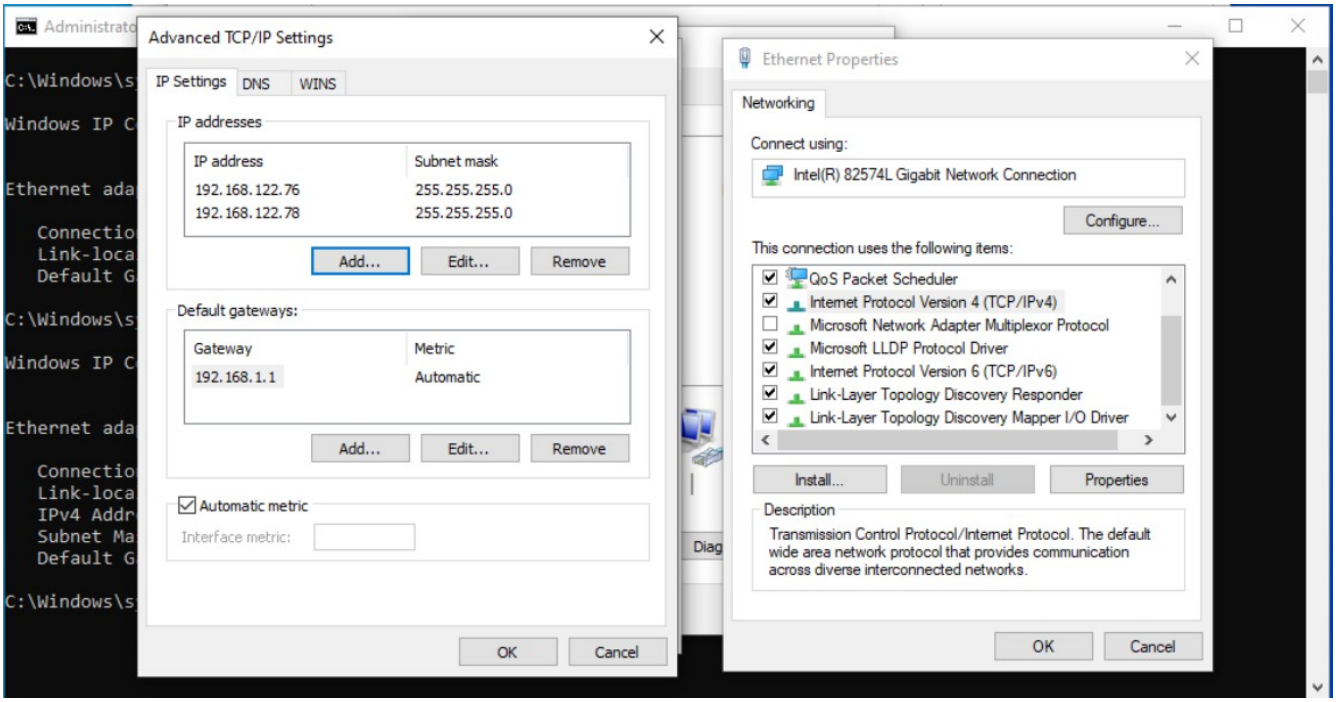


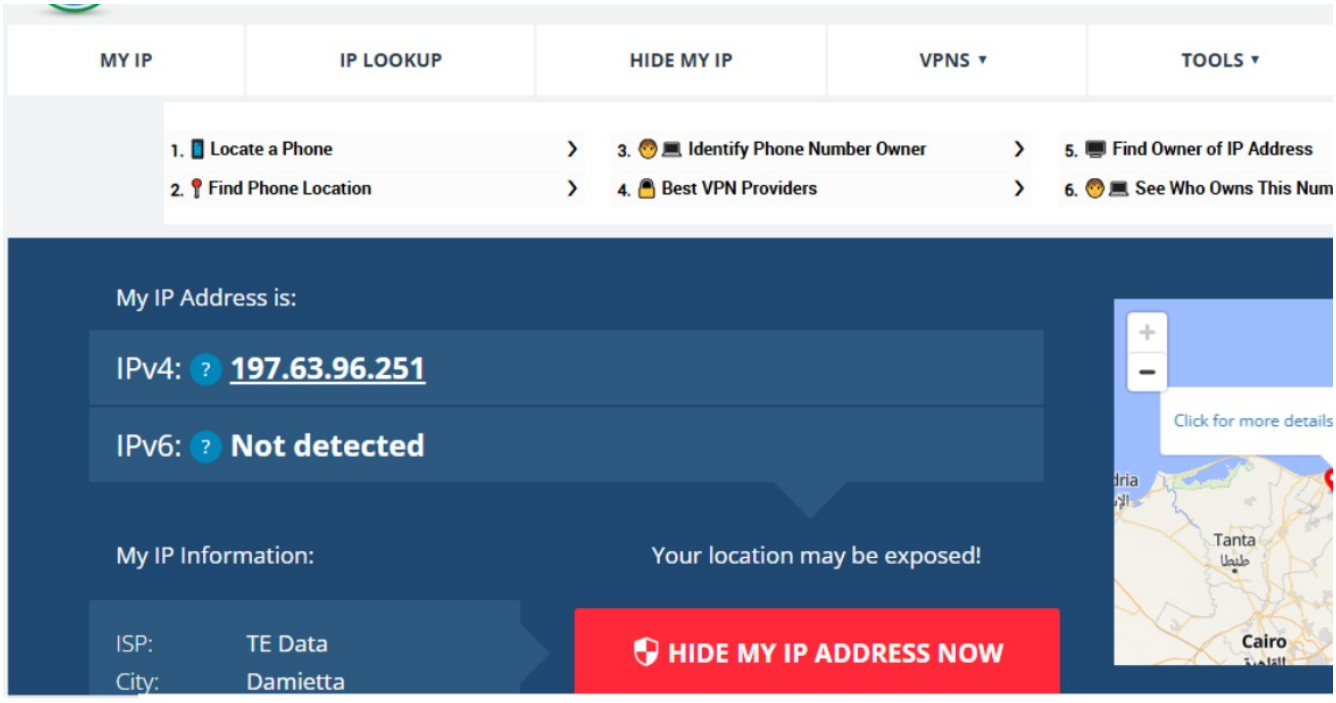
➢ ipconfig/release
➢ ipconfig /renew



2- Configure IP address manually.

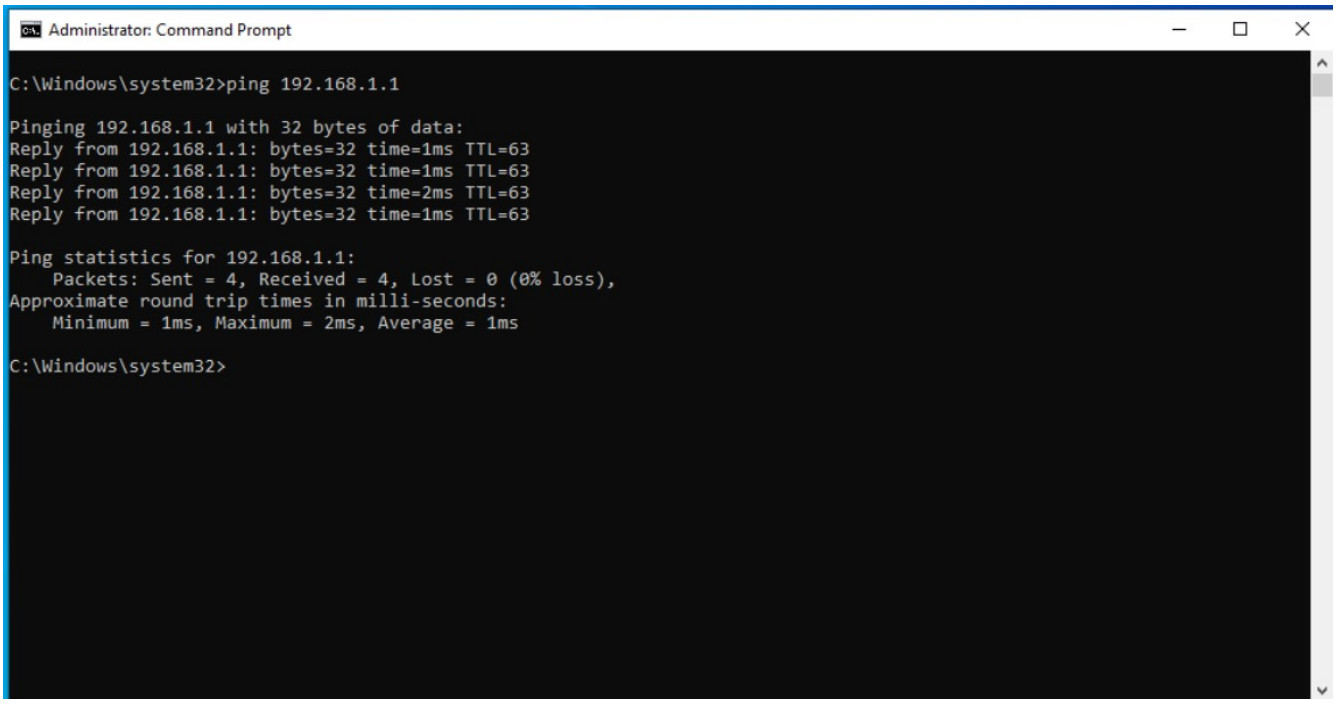




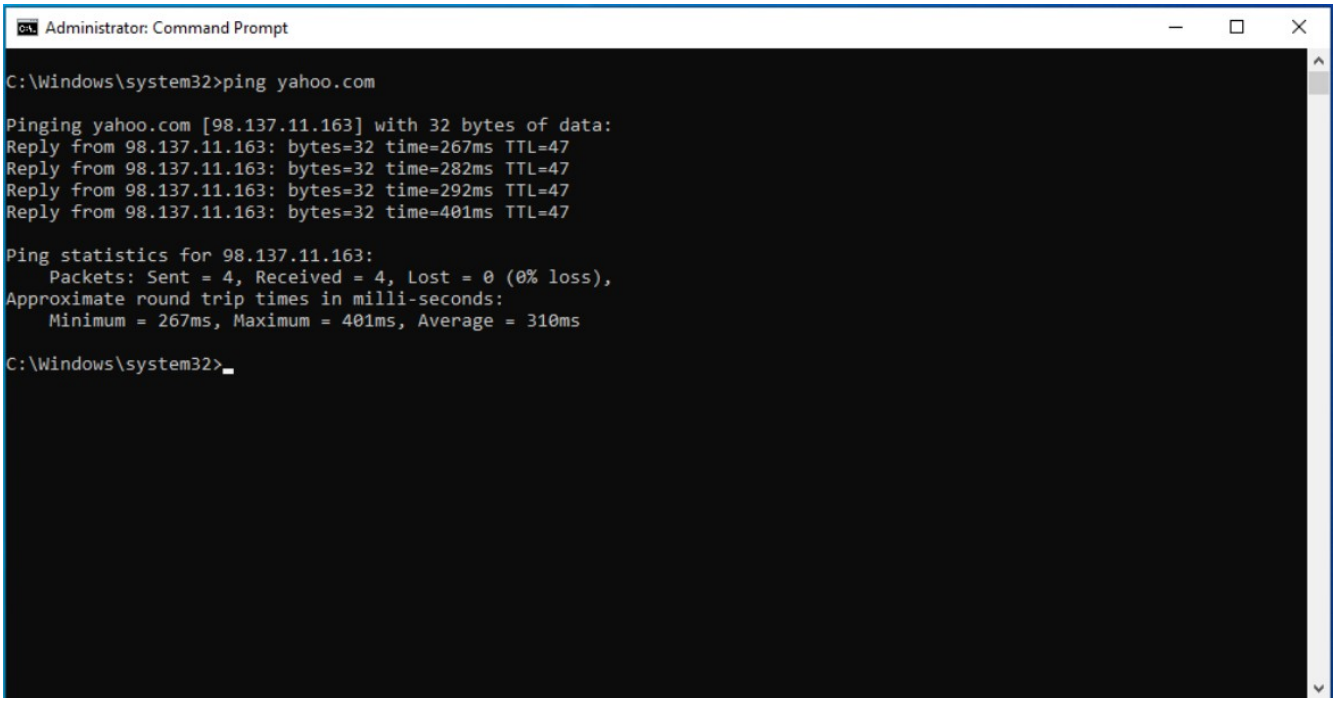


3- Ping Command

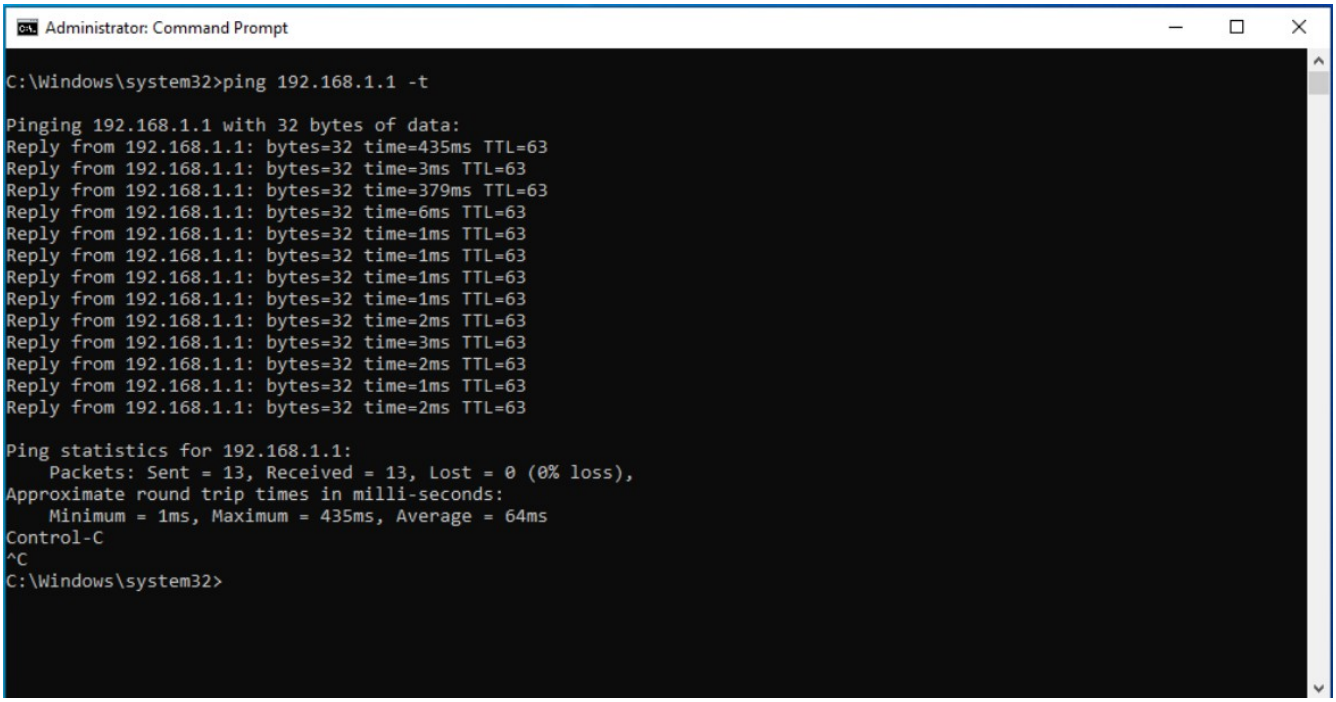
ping 192.168.1.1



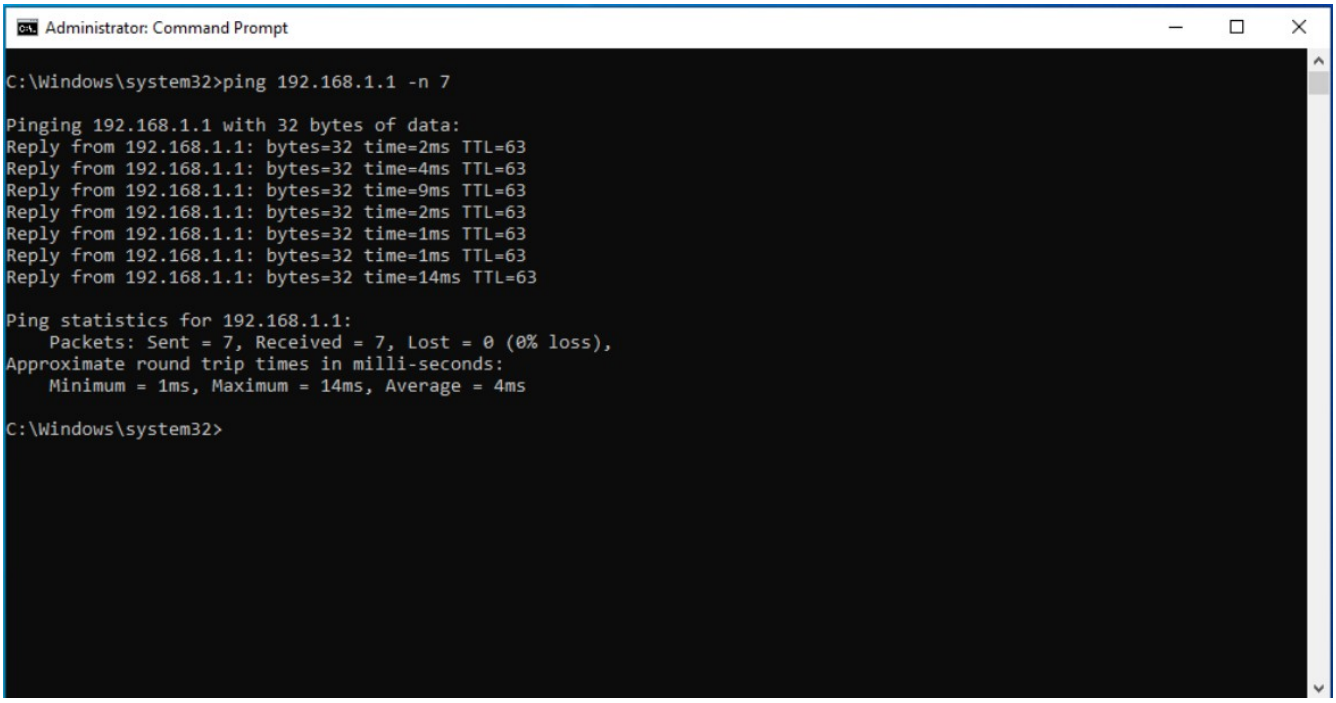
ping yahoo.com



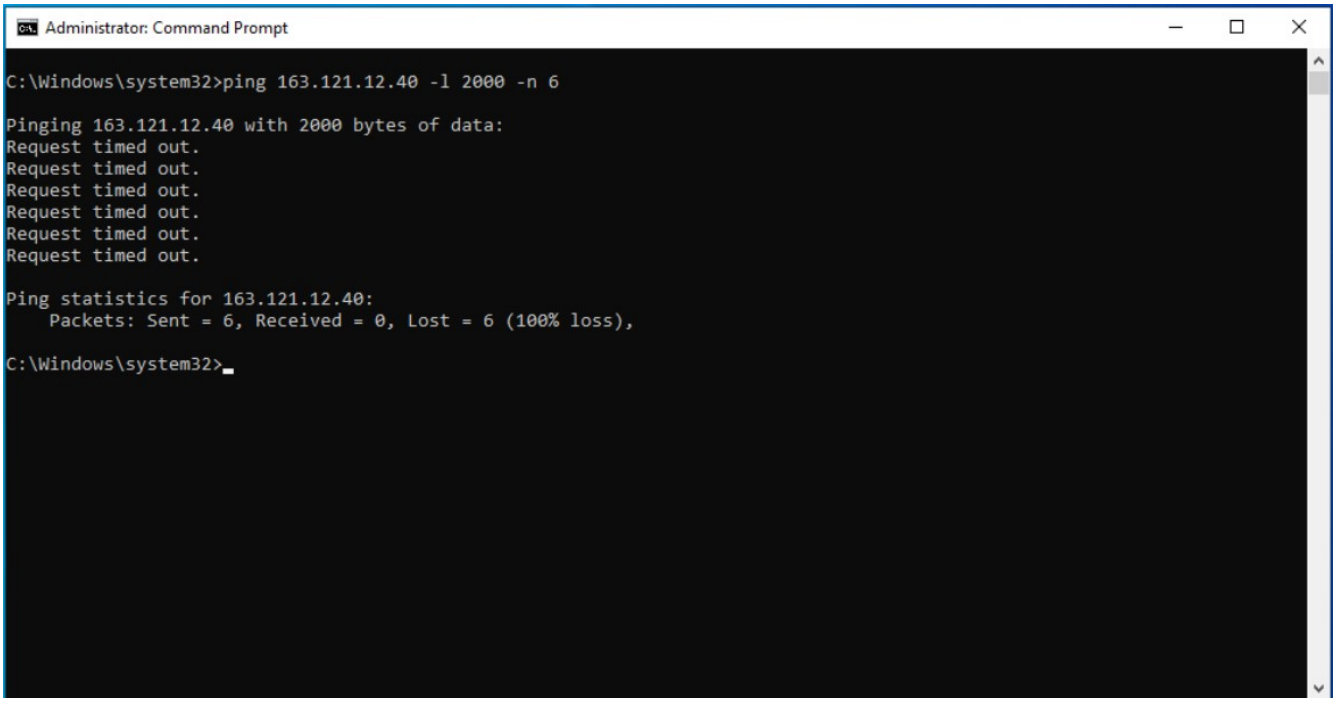
ping 192.168.1.1 -t



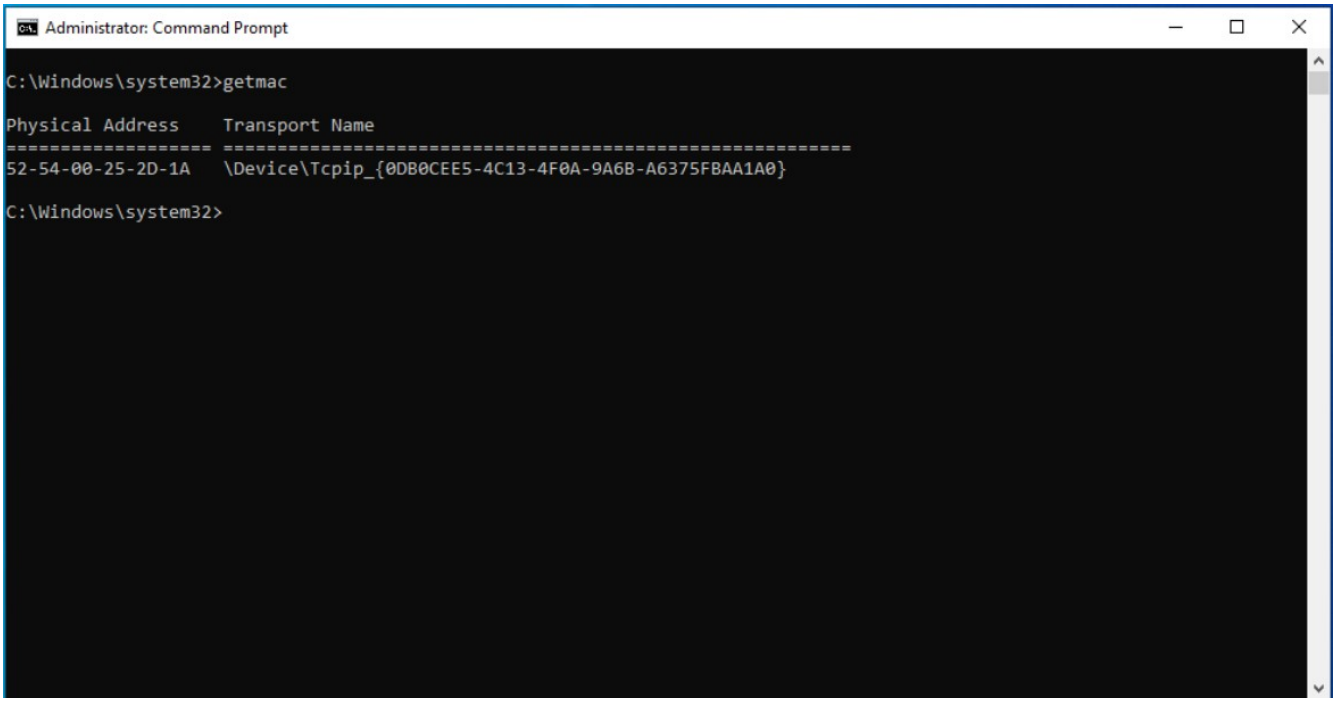
ping 192.168.1.1 –n 7



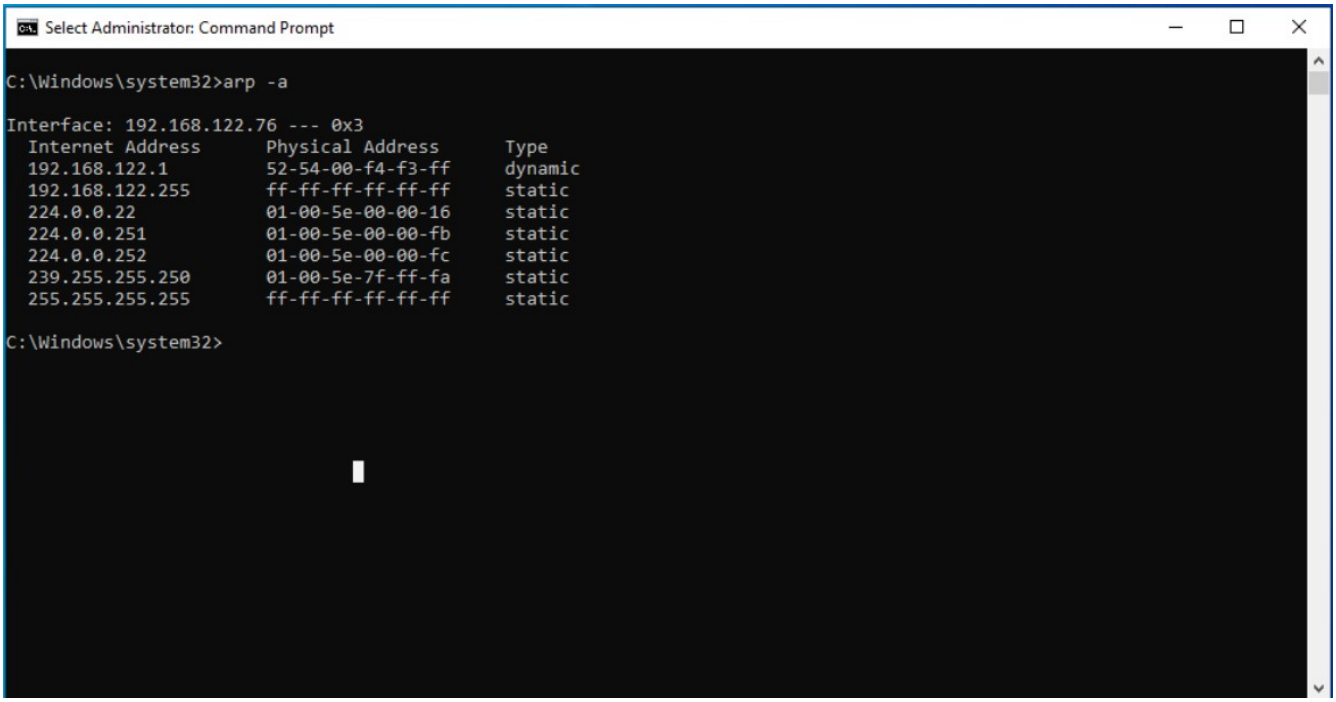
Ping 163.121.12.40 -l 2000 –n 6



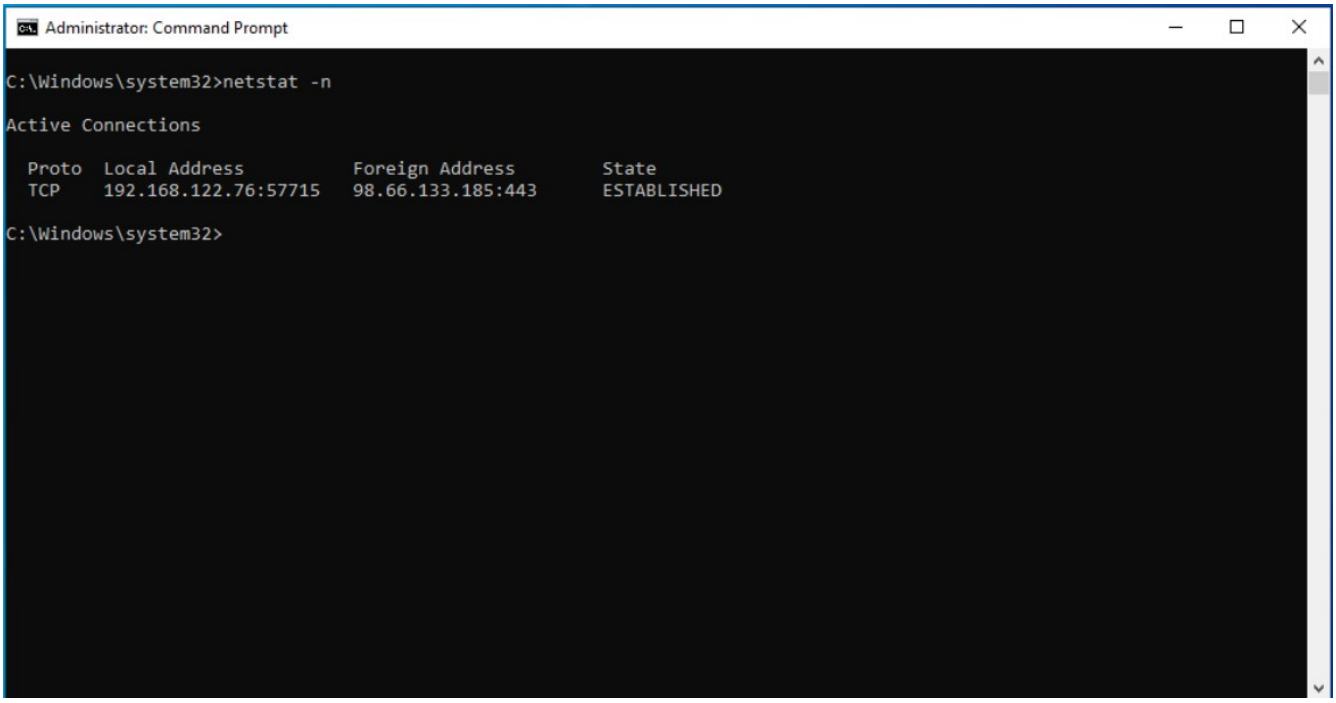
4- MAC address



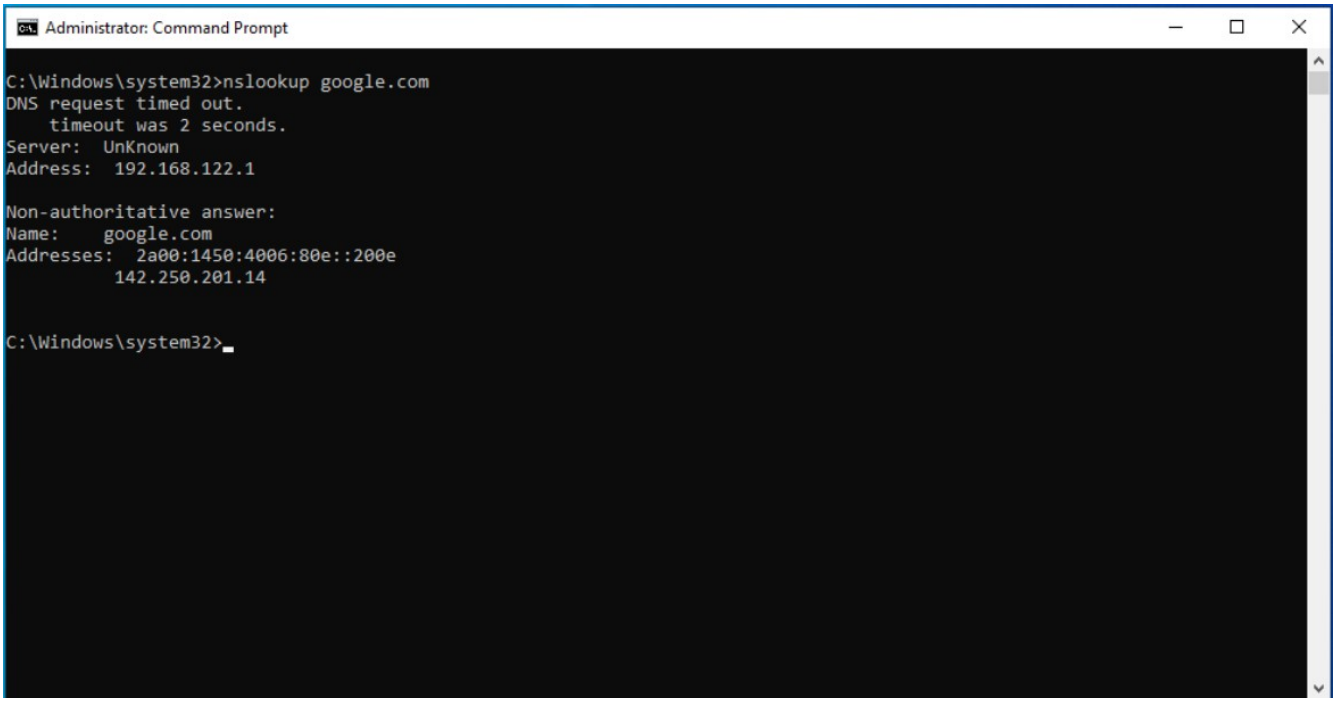
5- ARP Command



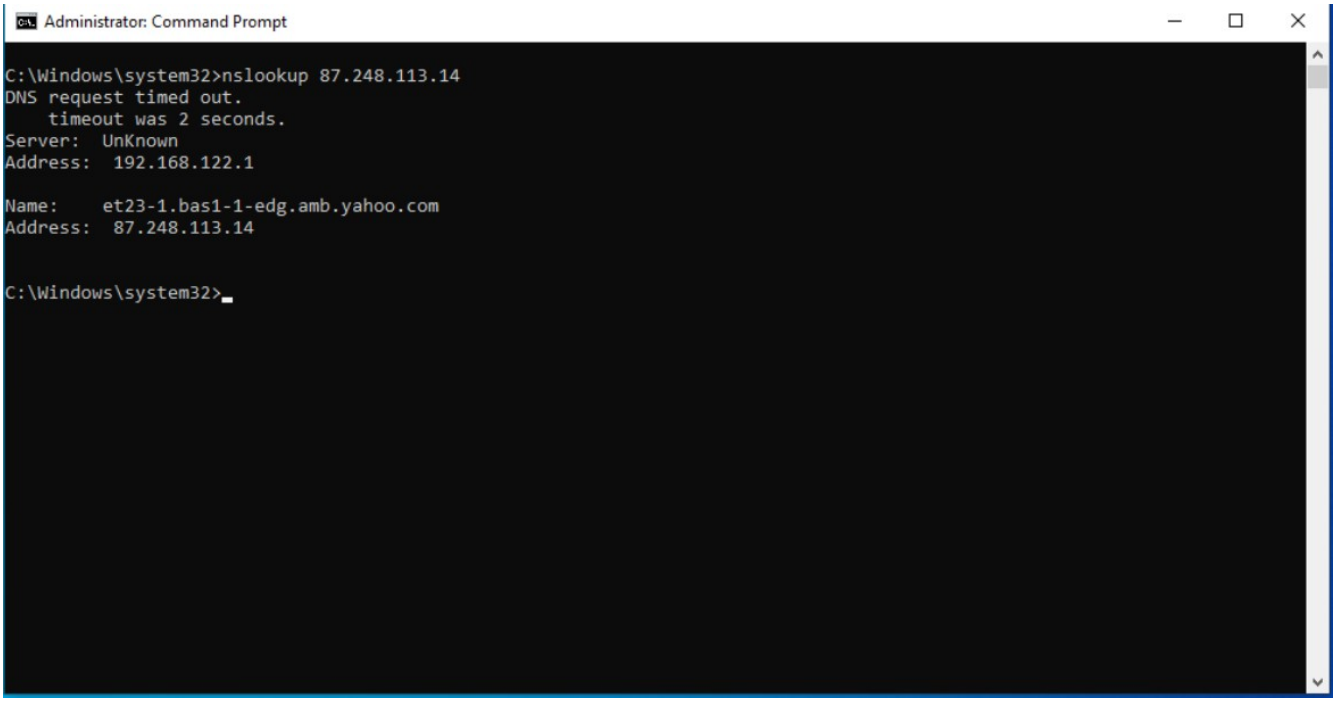
6- Opened ports and sessions



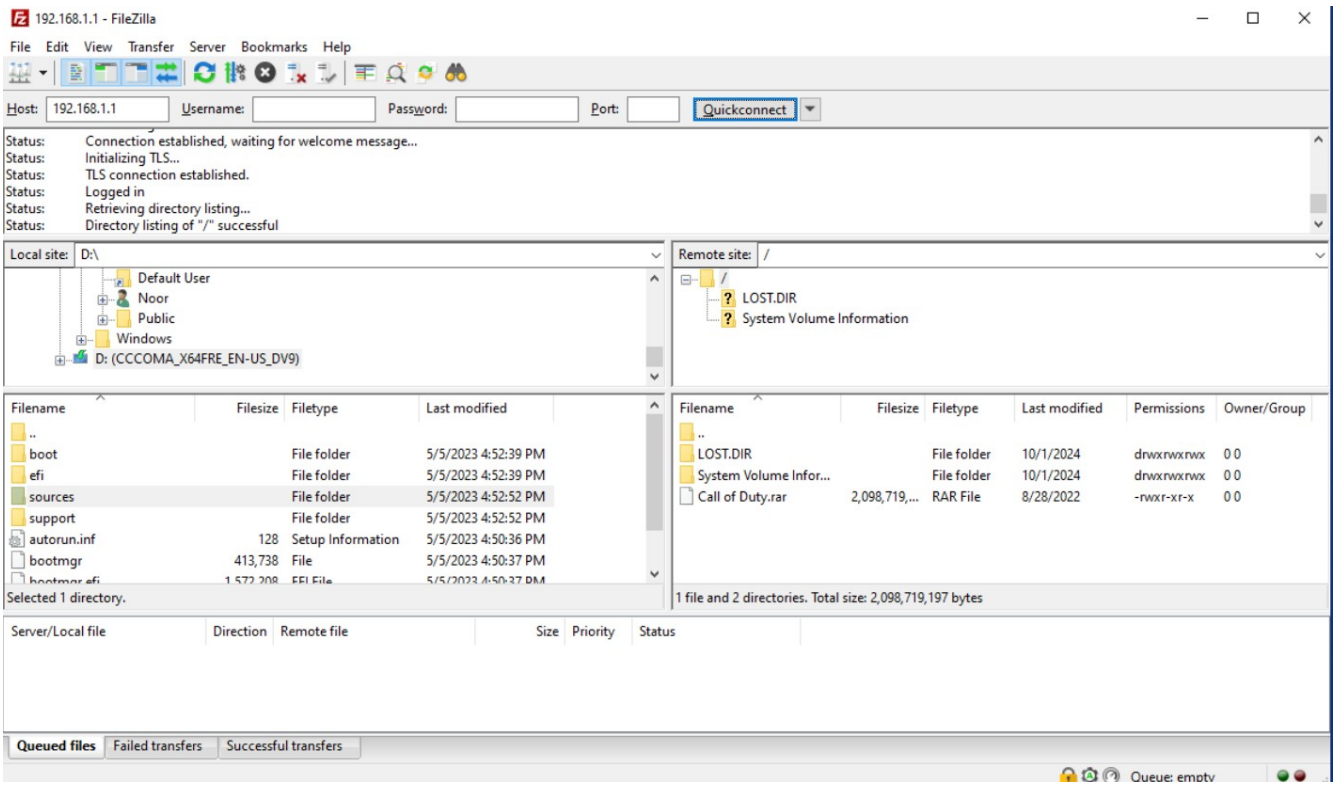
7- Domain name System:



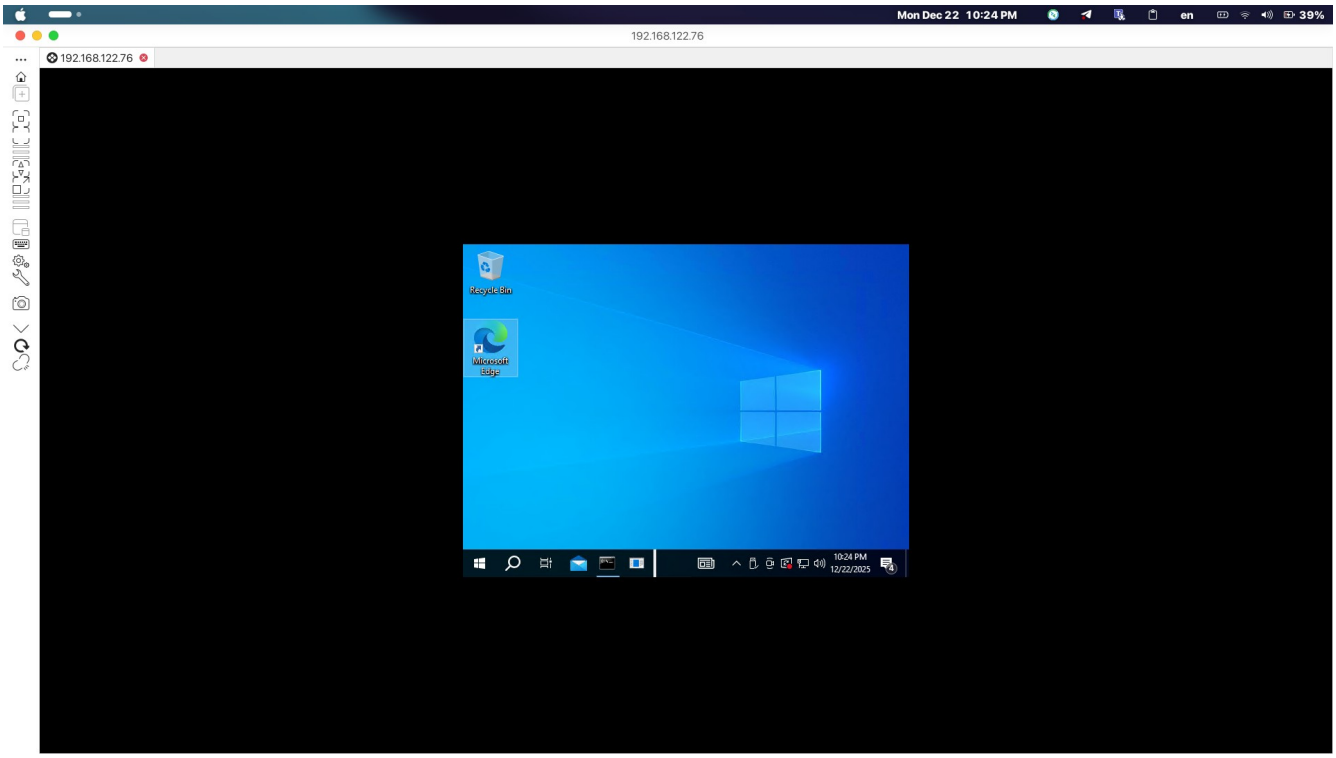
nslookup 87.248.113.14



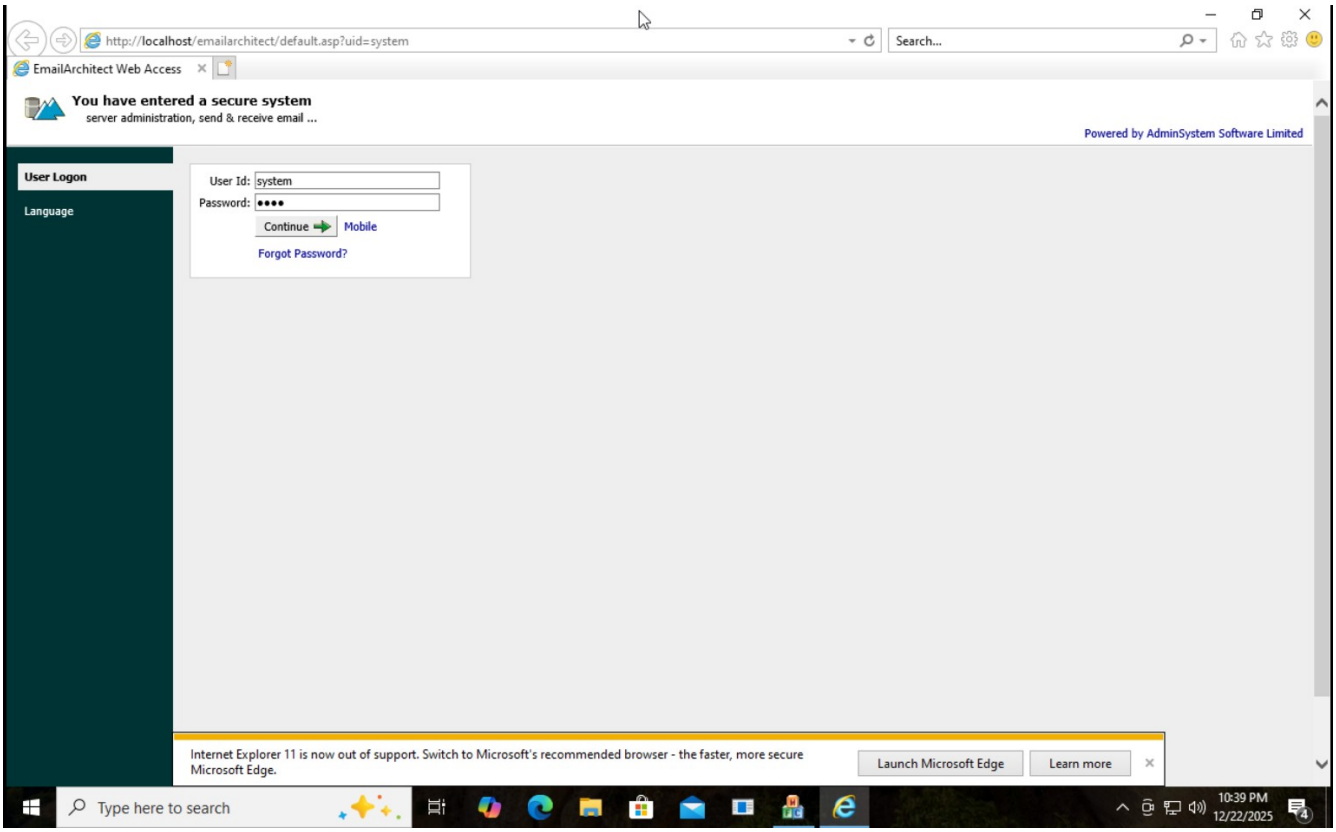
8- Dealing with FTP protocol: Connecting to the FTP server in my router

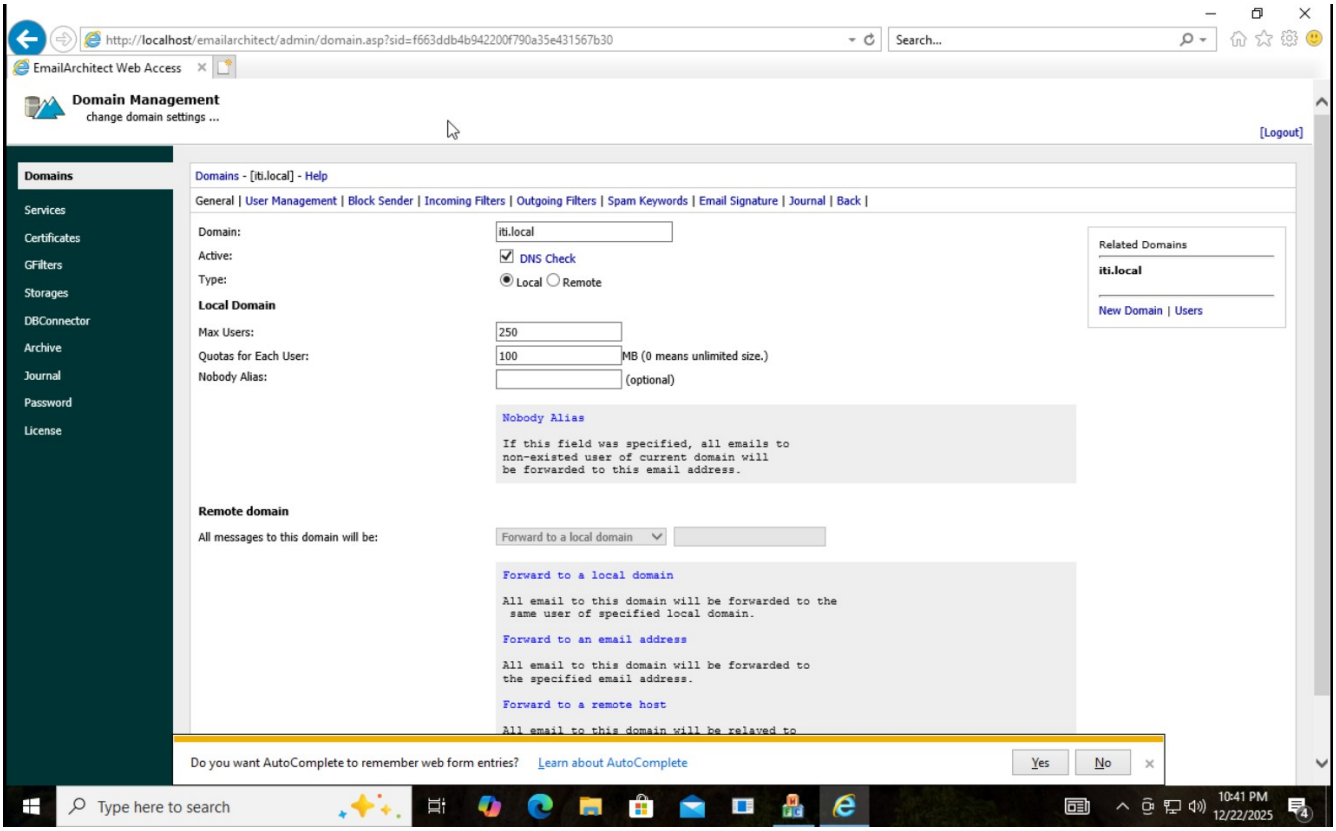


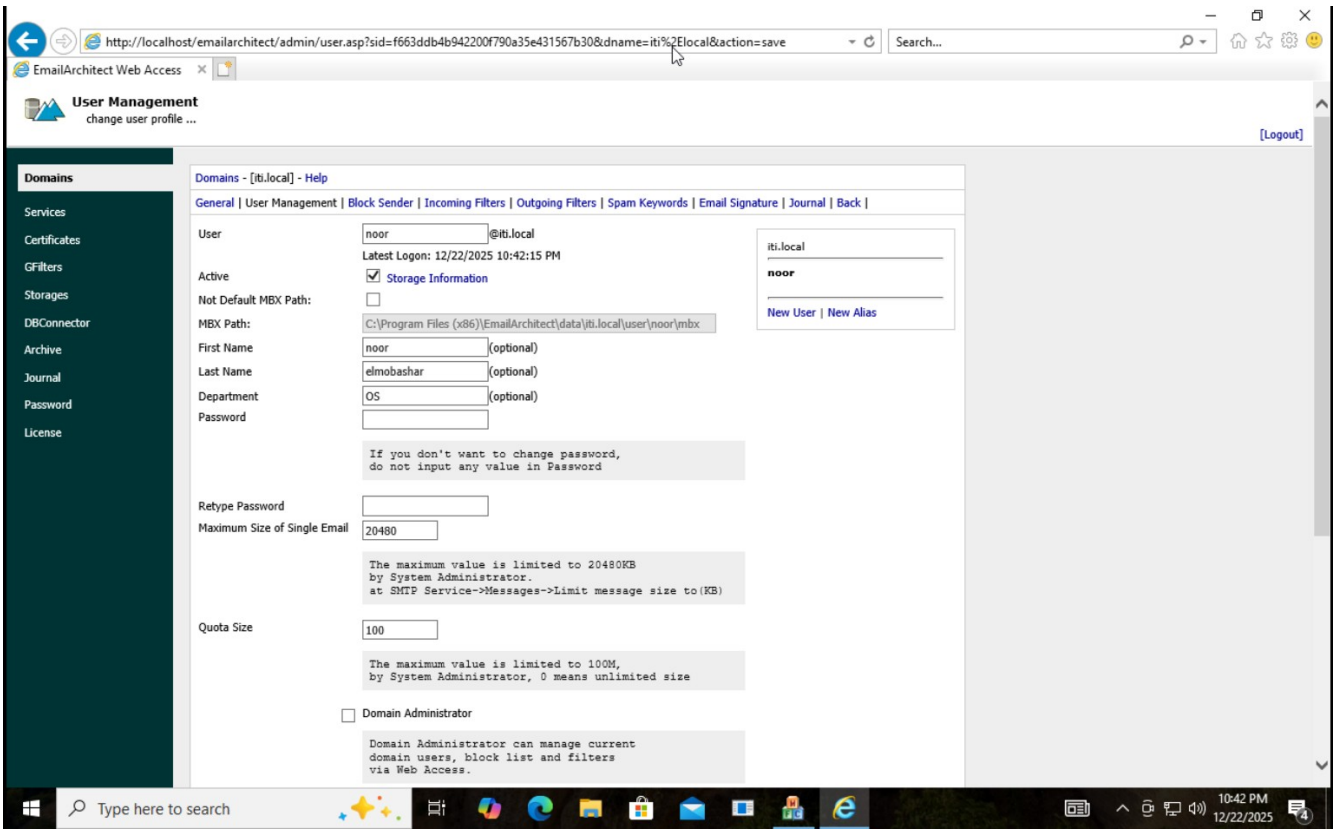
9-Using Remote Administration

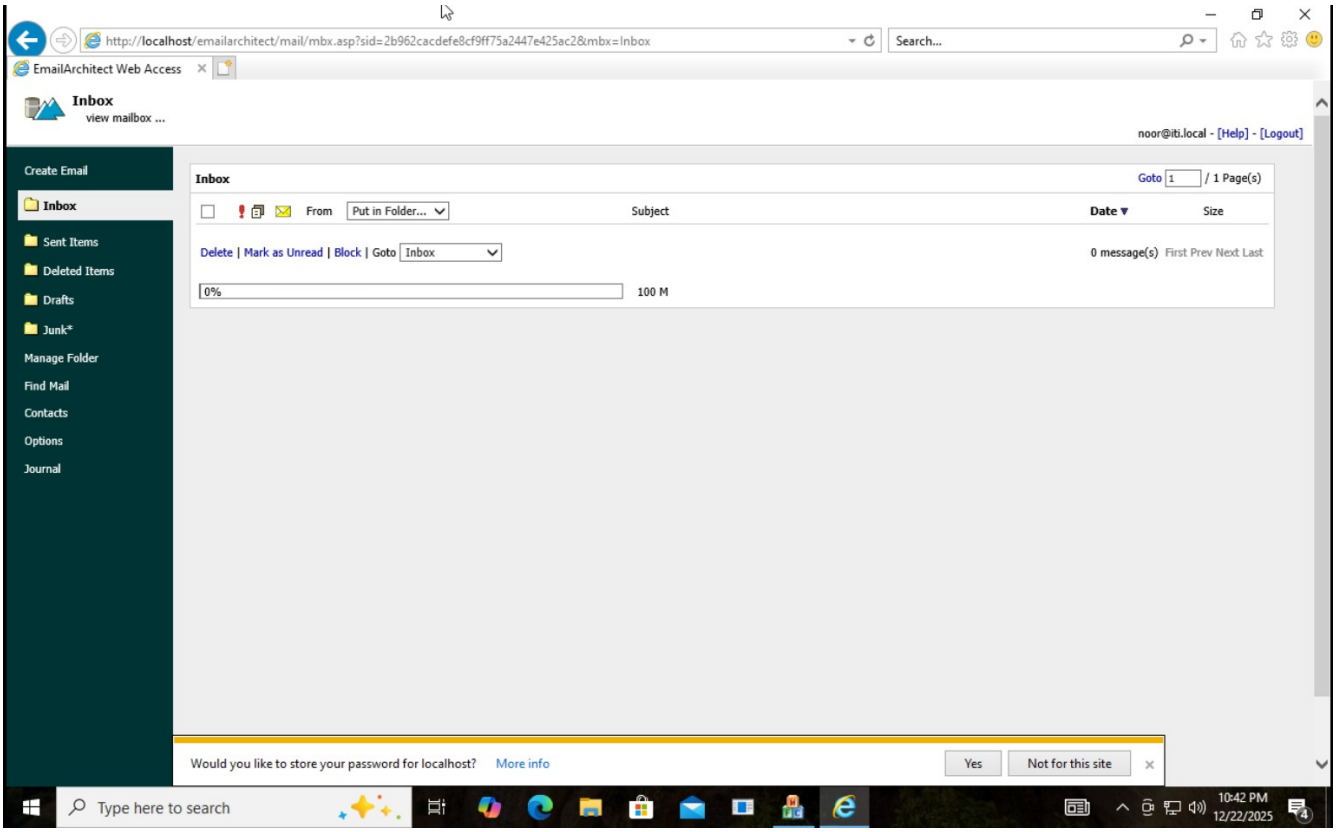


10- Dealing with Electronic Mail Service






http://localhost/emailarchitect/admin/user.asp?sid=f663ddb4b942200f790a35e431567b30&dname=iti%2Elocal&action=save
Search...
EmailArchitect Web Access
User Management
change user profile ...
[Logout]
Domains
Services
Certificates
GFilters
Storages
DBConnector
Archive
Journal
Password
License
Domains - [iti.local] - Help
General | User Management | Block Sender | Incoming Filters | Outgoing Filters | Spam Keywords | Email Signature | Journal | Back |
User
noor
@iti.local
Latest Logon: 12/22/2025 10:42:15 PM
Active
Storage Information
Not Default MBX Path:
MBX Path:
C:\Program Files (x86)\EmailArchitect\data\iti.local\user\noor\mbx
First Name
noor
(optional)
Last Name
elmobashar
(optional)
Department
OS
(optional)
Password
If you don't want to change password,
do not input any value in Password
Retype Password
Maximum Size of Single Email
20480
The maximum value is limited to 20480KB
by System Administrator.
at SMTP Service->Messages->Limit message size to(KB)
Quota Size
100
The maximum value is limited to 100M,
by System Administrator, 0 means unlimited size
Domain Administrator
Domain Administrator can manage current
domain users, block list and filters
via Web Access.
iti.local
noor
New User | New Alias
Type here to search
10:42 PM
12/22/2025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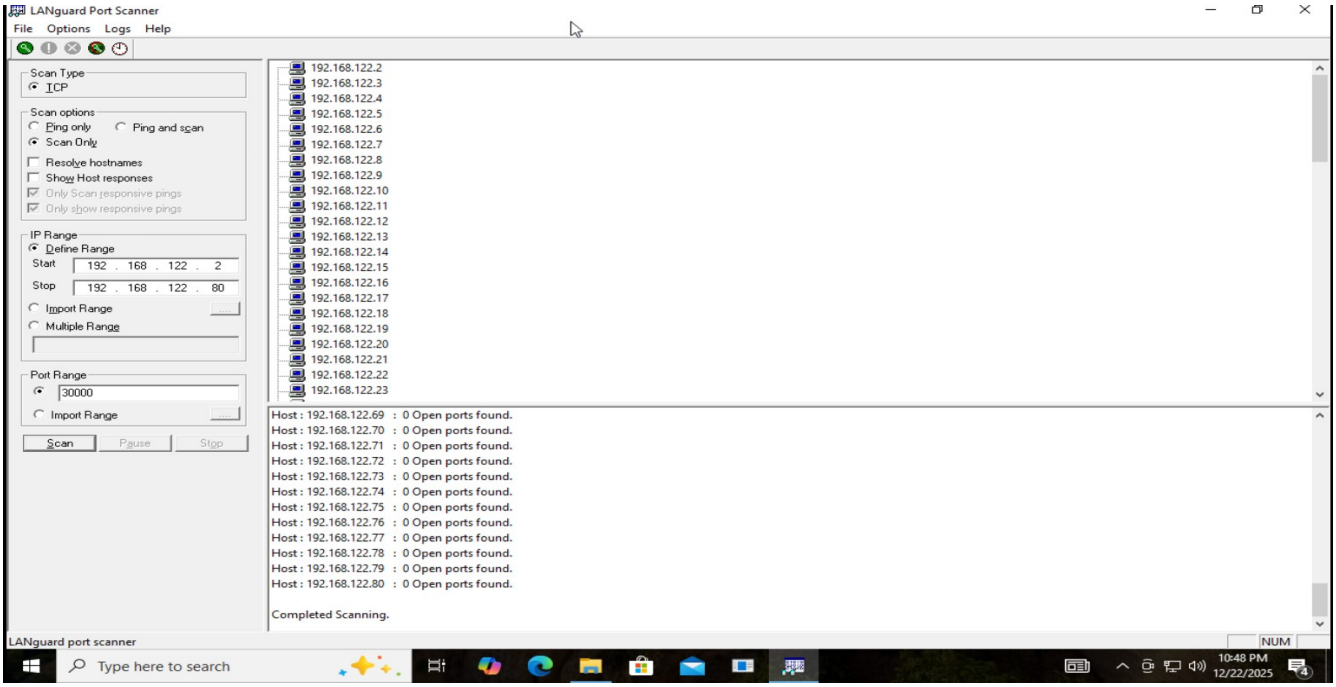
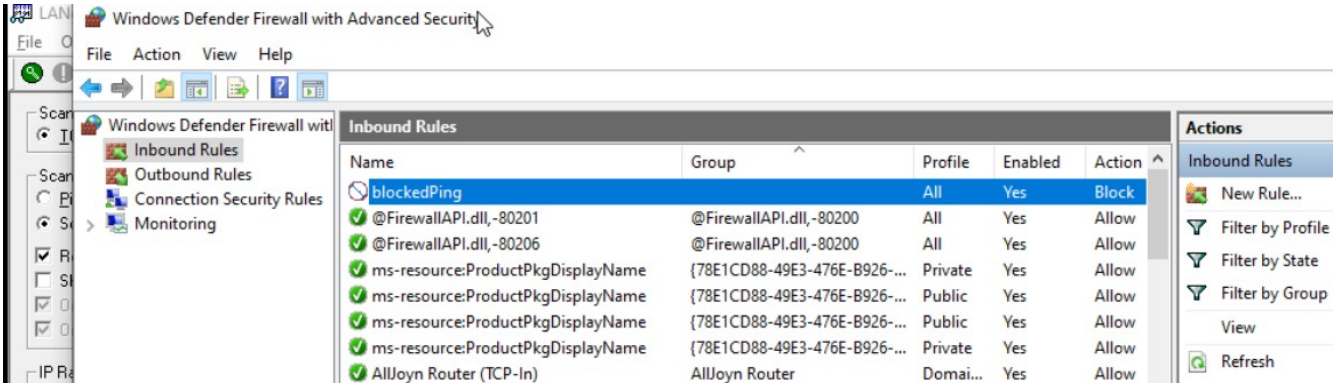
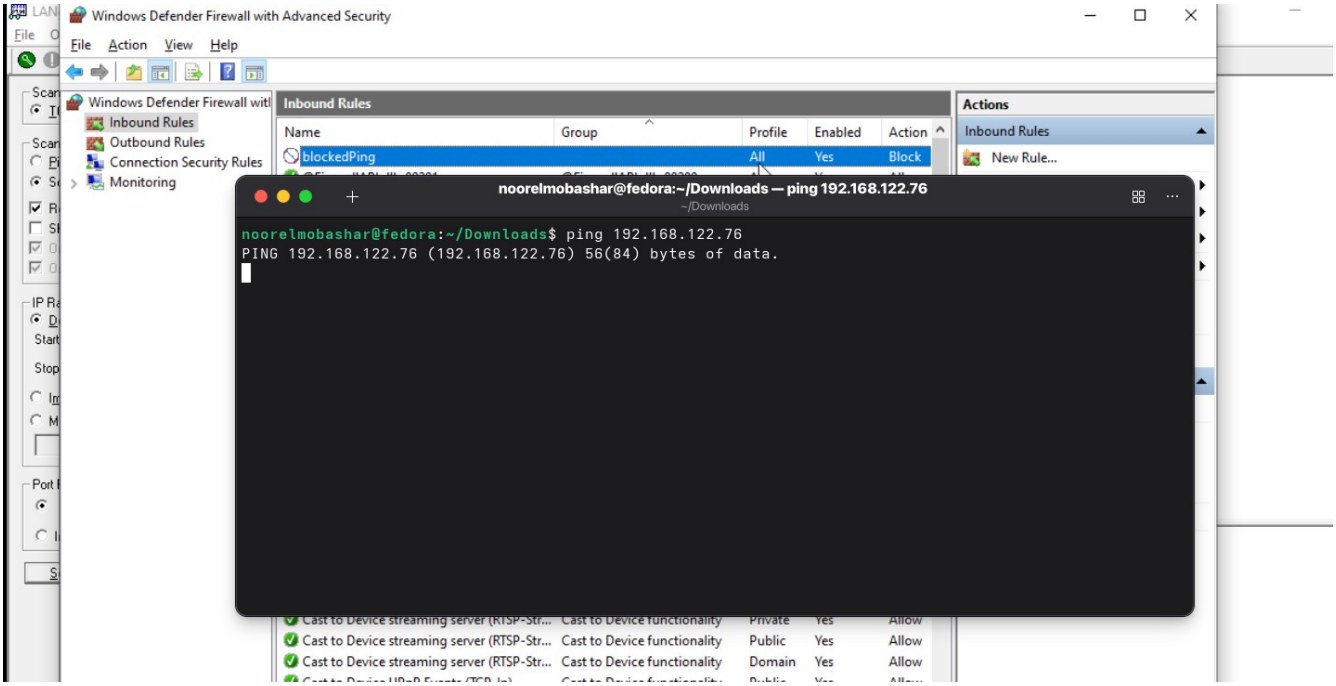
Search...
EmailArchitect Web Access
Inbox
view mailbox ...
noor@iti.local - [Help] - [Logout]
Create Email
Inbox
Sent Items
Deleted Items
Drafts
Junk*
Manage Folder
Find Mail
Contacts
Options
Journal
Inbox
Goto 1 / 1 Page(s)
From
Put in Folder...
Subject
Date
Size
Delete | Mark as Unread | Block | Goto Inbox
0 message(s) First Prev Next Last
0%
100 M
Would you like to store your password for localhost? More info
Yes
Not for this site
Type here to search
10:42 PM
12/22/2025

8- Port Scanning

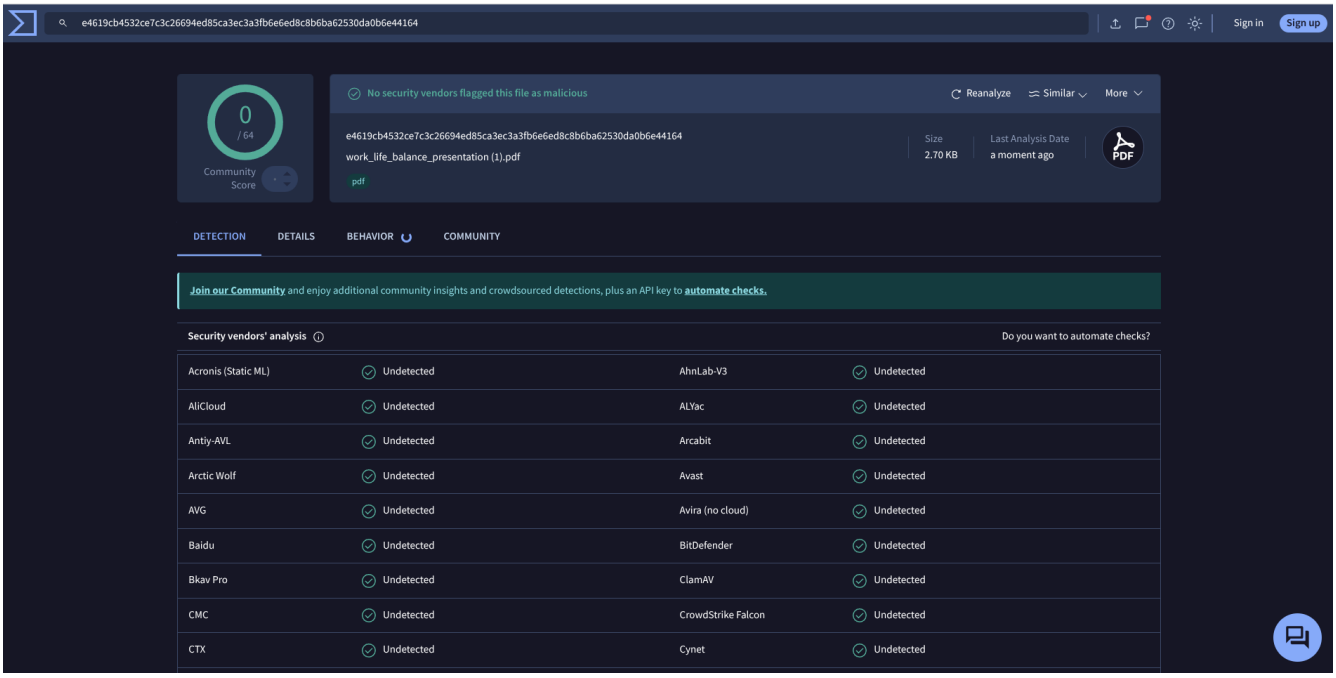


12- Advanced Firewall Options:

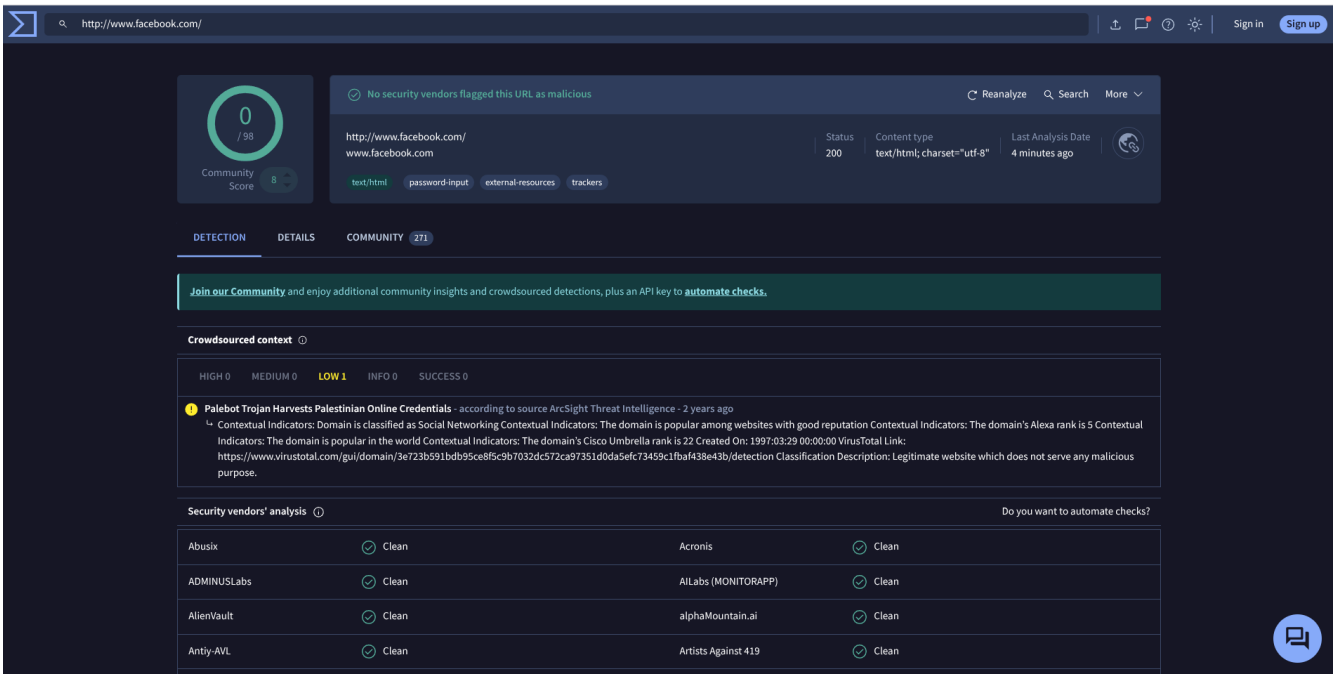




12- check malicious software



13- check malicious website and links



14- check compromised password and data leakages