

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

1- Ipconfig Command

```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.19045.2965]
(c) Microsoft Corporation. All rights reserved.

C:\Windows\system32>ipconfig

Windows IP Configuration

Ethernet adapter Ethernet:

    Connection-specific DNS Suffix  . : 
    Link-local IPv6 Address . . . . . : fe80::8f13:9f7c:6388:b43a%3
    IPv4 Address. . . . . : 192.168.122.76
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.122.1

C:\Windows\system32>
```

Ipconfig /all

```
Administrator: Command Prompt
C:\Windows\system32>ipconfig/all

Windows IP Configuration

    Host Name . . . . . : DESKTOP-I5OED54
    Primary Dns Suffix . . . . . : 
    Node Type . . . . . : Hybrid
    IP Routing Enabled. . . . . : No
    WINS Proxy Enabled. . . . . : No

Ethernet adapter Ethernet:

    Connection-specific DNS Suffix  . : 
    Description . . . . . : Intel(R) 82574L Gigabit Network Connection
    Physical Address. . . . . : 52-54-00-25-2D-1A
    DHCP Enabled. . . . . : Yes
    Autoconfiguration Enabled . . . . : Yes
    Link-local IPv6 Address . . . . . : fe80::8f13:9f7c:6388:b43a%3(Preferred)
    IPv4 Address. . . . . : 192.168.122.76(Preferred)
    Subnet Mask . . . . . : 255.255.255.0
    Lease Obtained. . . . . : Friday, November 15, 1889 10:50:11 PM
    Lease Expires . . . . . : Monday, December 22, 2025 8:18:27 PM
    Default Gateway . . . . . : 192.168.122.1
    DHCP Server . . . . . : 192.168.122.1
    DHCPv6 IAID . . . . . : 106058752
    DHCPv6 Client DUID. . . . . : 00-01-00-01-30-DB-C2-15-52-54-00-25-2D-1A
    DNS Servers . . . . . : 192.168.122.1
    NetBIOS over Tcpip. . . . . : Enabled

C:\Windows\system32>
```

- ipconfig/release
- ipconfig /renew

```
Administrator: Command Prompt

C:\Windows\system32>ipconfig/release

Windows IP Configuration

Ethernet adapter Ethernet:

    Connection-specific DNS Suffix  . : 
    Link-local IPv6 Address . . . . . : fe80::8f13:9f7c:6388:b43a%3
    Default Gateway . . . . . : 

C:\Windows\system32>ipconfig/renew

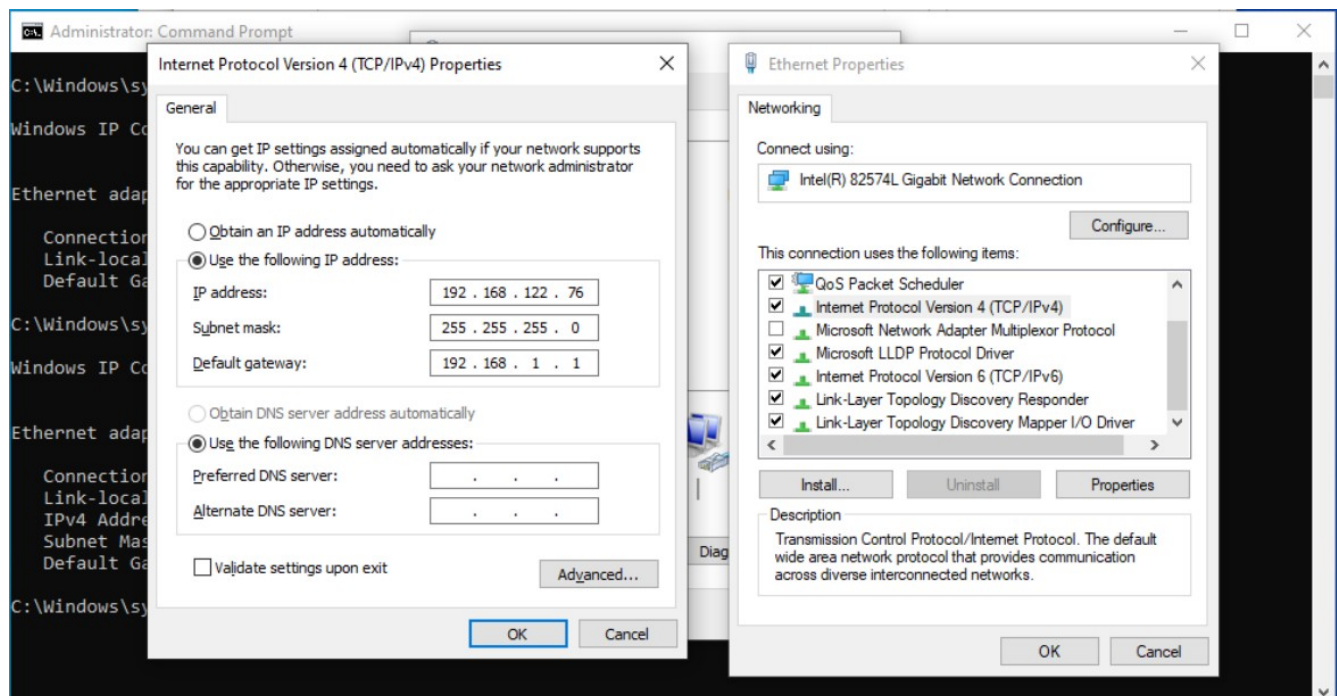
Windows IP Configuration

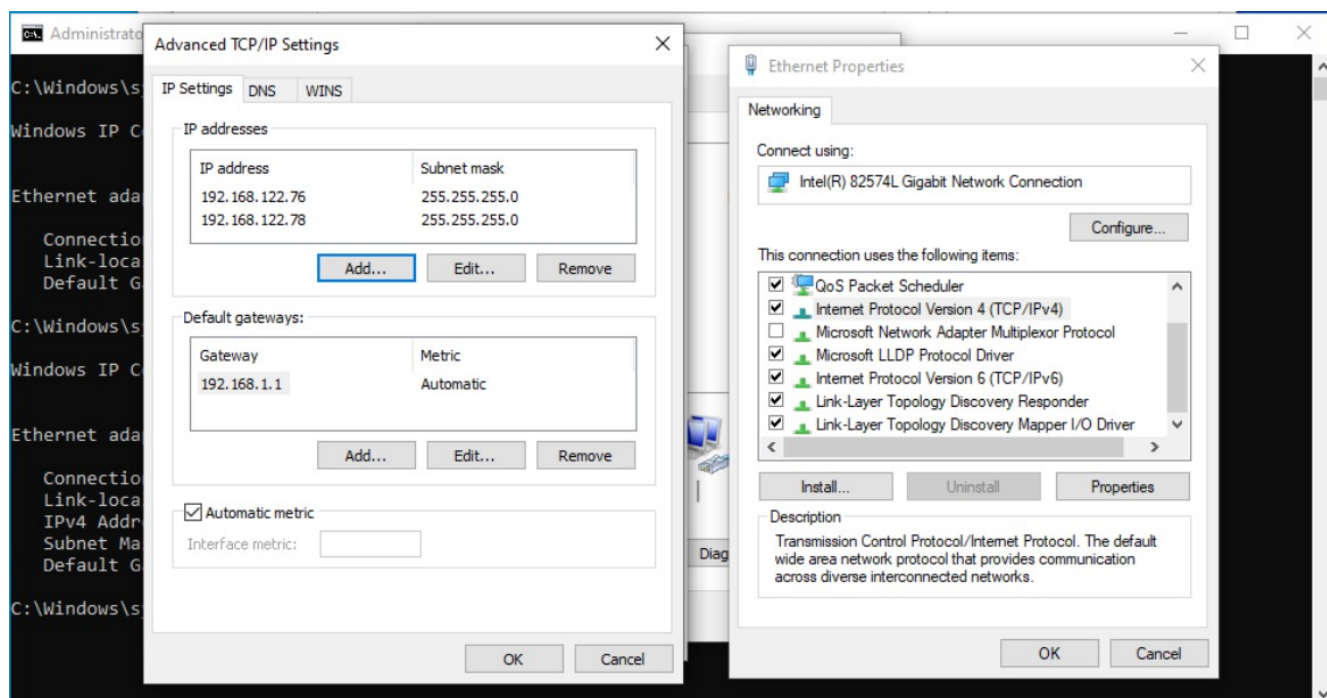
Ethernet adapter Ethernet:

    Connection-specific DNS Suffix  . : 
    Link-local IPv6 Address . . . . . : fe80::8f13:9f7c:6388:b43a%3
    IPv4 Address. . . . . : 192.168.122.76
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.122.1

C:\Windows\system32>
```

2- Configure IP address manually.





MY IP

IP LOOKUP

HIDE MY IP

VPNS ▾

TOOLS ▾

1. 📍 Locate a Phone

2. 📍 Find Phone Location

3. 📞 Identify Phone Number Owner

4. 🛡️ Best VPN Providers

5. 📄 Find Owner of IP Address

6. 📄 See Who Owns This Num

My IP Address is:

IPv4: ? **197.63.96.251**

IPv6: ? **Not detected**

My IP Information:

ISP: TE Data

City: Damietta

Your location may be exposed!

HIDE MY IP ADDRESS NOW

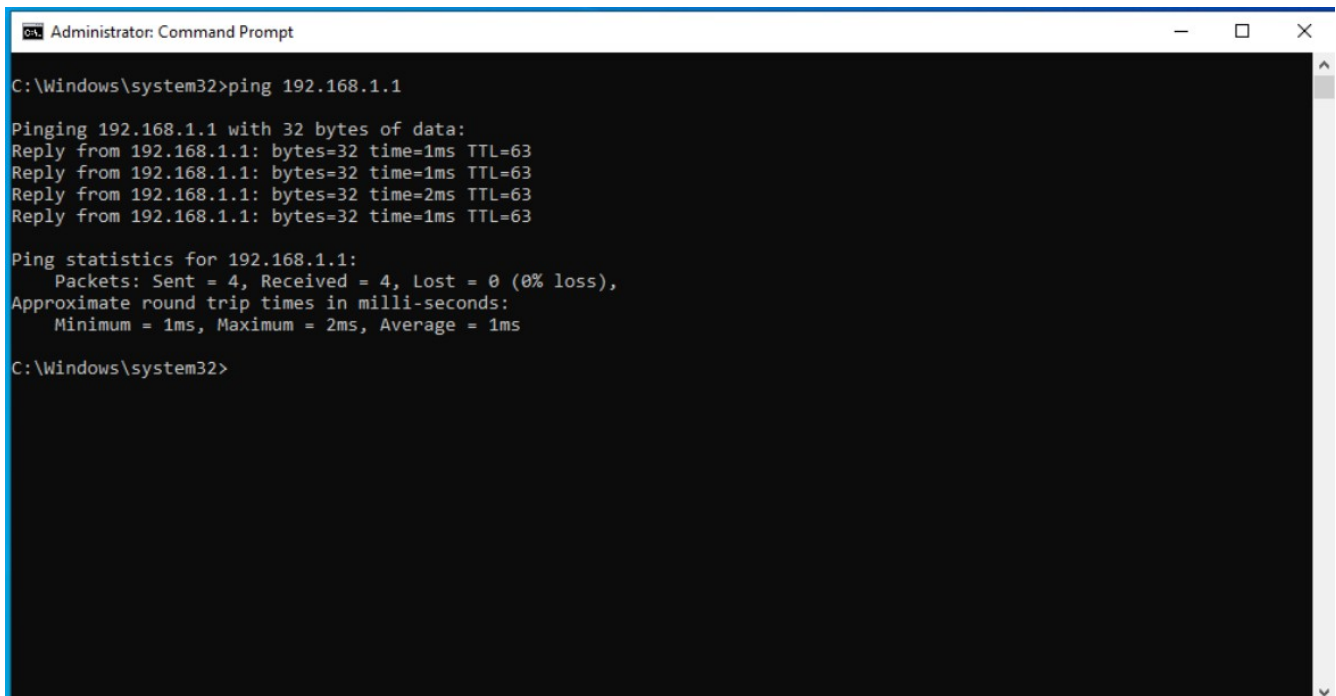
Click for more details

Tanta

Cairo

3- Ping Command

ping 192.168.1.1



```
Administrator: Command Prompt

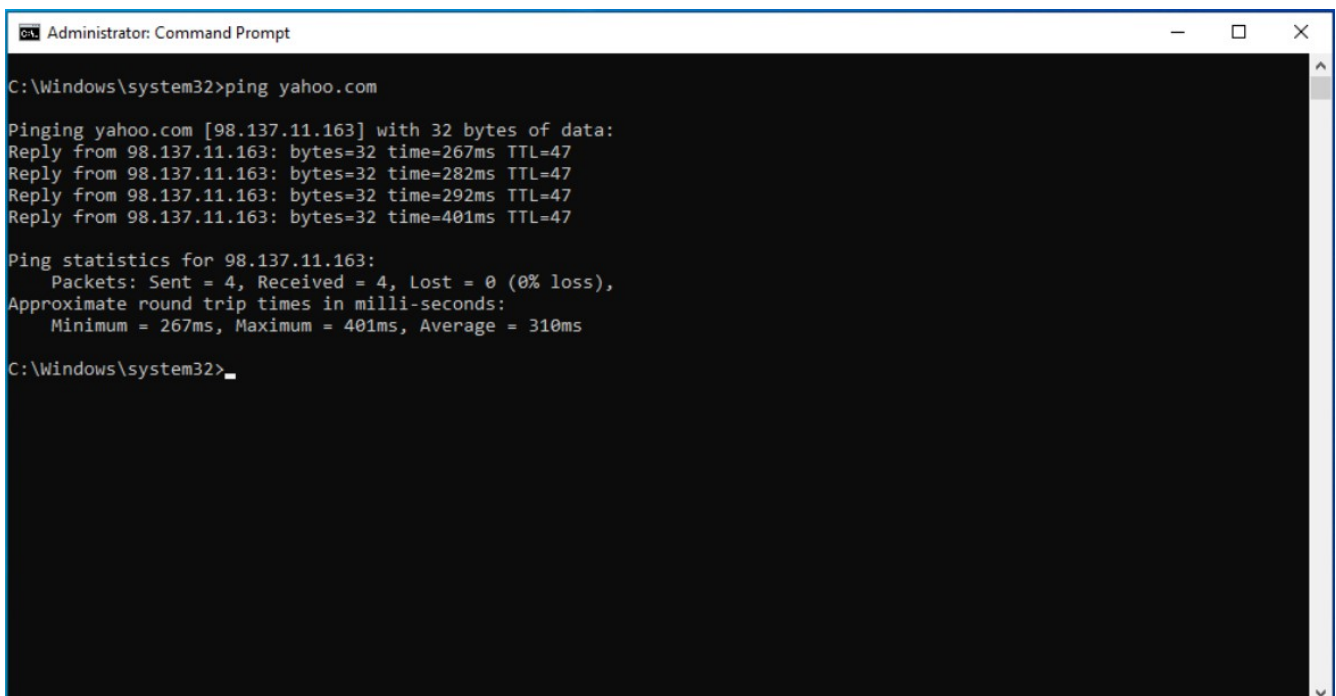
C:\Windows\system32>ping 192.168.1.1

Pinging 192.168.1.1 with 32 bytes of data:
Reply from 192.168.1.1: bytes=32 time=1ms TTL=63
Reply from 192.168.1.1: bytes=32 time=1ms TTL=63
Reply from 192.168.1.1: bytes=32 time=2ms TTL=63
Reply from 192.168.1.1: bytes=32 time=1ms TTL=63

Ping statistics for 192.168.1.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 2ms, Average = 1ms

C:\Windows\system32>
```

ping yahoo.com



```
Administrator: Command Prompt

C:\Windows\system32>ping yahoo.com

Pinging yahoo.com [98.137.11.163] with 32 bytes of data:
Reply from 98.137.11.163: bytes=32 time=267ms TTL=47
Reply from 98.137.11.163: bytes=32 time=282ms TTL=47
Reply from 98.137.11.163: bytes=32 time=292ms TTL=47
Reply from 98.137.11.163: bytes=32 time=401ms TTL=47

Ping statistics for 98.137.11.163:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 267ms, Maximum = 401ms, Average = 310ms

C:\Windows\system32>
```

ping 192.168.1.1 -t

```
Administrator: Command Prompt

C:\Windows\system32>ping 192.168.1.1 -t

Pinging 192.168.1.1 with 32 bytes of data:
Reply from 192.168.1.1: bytes=32 time=435ms TTL=63
Reply from 192.168.1.1: bytes=32 time=3ms TTL=63
Reply from 192.168.1.1: bytes=32 time=379ms TTL=63
Reply from 192.168.1.1: bytes=32 time=6ms TTL=63
Reply from 192.168.1.1: bytes=32 time=1ms TTL=63
Reply from 192.168.1.1: bytes=32 time=1ms TTL=63
Reply from 192.168.1.1: bytes=32 time=1ms TTL=63
Reply from 192.168.1.1: bytes=32 time=1ms TTL=63
Reply from 192.168.1.1: bytes=32 time=2ms TTL=63
Reply from 192.168.1.1: bytes=32 time=3ms TTL=63
Reply from 192.168.1.1: bytes=32 time=2ms TTL=63
Reply from 192.168.1.1: bytes=32 time=1ms TTL=63
Reply from 192.168.1.1: bytes=32 time=2ms TTL=63

Ping statistics for 192.168.1.1:
    Packets: Sent = 13, Received = 13, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 1ms, Maximum = 435ms, Average = 64ms
Control-C
^C
C:\Windows\system32>
```

ping 192.168.1.1 -n 7

```
Administrator: Command Prompt

C:\Windows\system32>ping 192.168.1.1 -n 7

Pinging 192.168.1.1 with 32 bytes of data:
Reply from 192.168.1.1: bytes=32 time=2ms TTL=63
Reply from 192.168.1.1: bytes=32 time=4ms TTL=63
Reply from 192.168.1.1: bytes=32 time=9ms TTL=63
Reply from 192.168.1.1: bytes=32 time=2ms TTL=63
Reply from 192.168.1.1: bytes=32 time=1ms TTL=63
Reply from 192.168.1.1: bytes=32 time=1ms TTL=63
Reply from 192.168.1.1: bytes=32 time=14ms TTL=63

Ping statistics for 192.168.1.1:
    Packets: Sent = 7, Received = 7, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 1ms, Maximum = 14ms, Average = 4ms

C:\Windows\system32>
```

Ping 163.121.12.40 -l 2000 -n 6


```
Administrator: Command Prompt

C:\Windows\system32>ping 163.121.12.40 -l 2000 -n 6

Pinging 163.121.12.40 with 2000 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 163.121.12.40:
    Packets: Sent = 6, Received = 0, Lost = 6 (100% loss),

C:\Windows\system32>
```

4- MAC address

```
Administrator: Command Prompt

C:\Windows\system32>getmac

Physical Address      Transport Name
=====
52-54-00-25-2D-1A     \Device\NPF{0DB0CEE5-4C13-4F0A-9A6B-A6375FBAA1A0}

C:\Windows\system32>
```

5- ARP Command

```
Select Administrator: Command Prompt

C:\Windows\system32>arp -a

Interface: 192.168.122.76 --- 0x3
Internet Address      Physical Address      Type
192.168.122.1         52-54-00-f4-f3-ff    dynamic
192.168.122.255       ff-ff-ff-ff-ff-ff    static
224.0.0.22            01-00-5e-00-00-16    static
224.0.0.251          01-00-5e-00-00-fb    static
224.0.0.252          01-00-5e-00-00-fc    static
239.255.255.250       01-00-5e-7f-ff-fa    static
255.255.255.255       ff-ff-ff-ff-ff-ff    static

C:\Windows\system32>
```

6- Opened ports and sessions

```
Administrator: Command Prompt

C:\Windows\system32>netstat -n

Active Connections

Proto  Local Address      Foreign Address     State
TCP    192.168.122.76:57715 98.66.133.185:443   ESTABLISHED

C:\Windows\system32>
```

7- Domain name System:

```
Administrator: Command Prompt

C:\Windows\system32>nslookup google.com
DNS request timed out.
    timeout was 2 seconds.
Server:  UnKnown
Address:  192.168.122.1

Non-authoritative answer:
Name:     google.com
Addresses: 2a00:1450:4006:80e::200e
          142.250.201.14

C:\Windows\system32>
```

nslookup 87.248.113.14

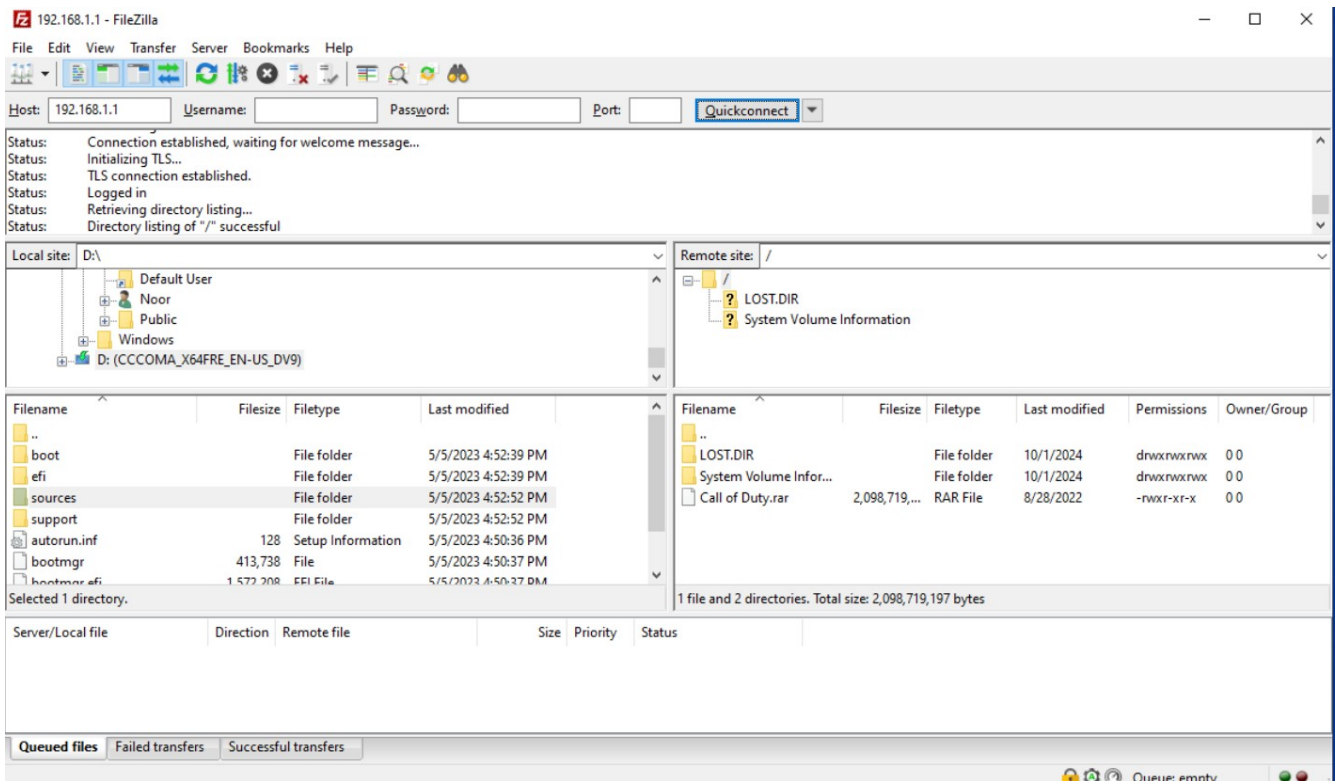
```
Administrator: Command Prompt

C:\Windows\system32>nslookup 87.248.113.14
DNS request timed out.
    timeout was 2 seconds.
Server:  UnKnown
Address:  192.168.122.1

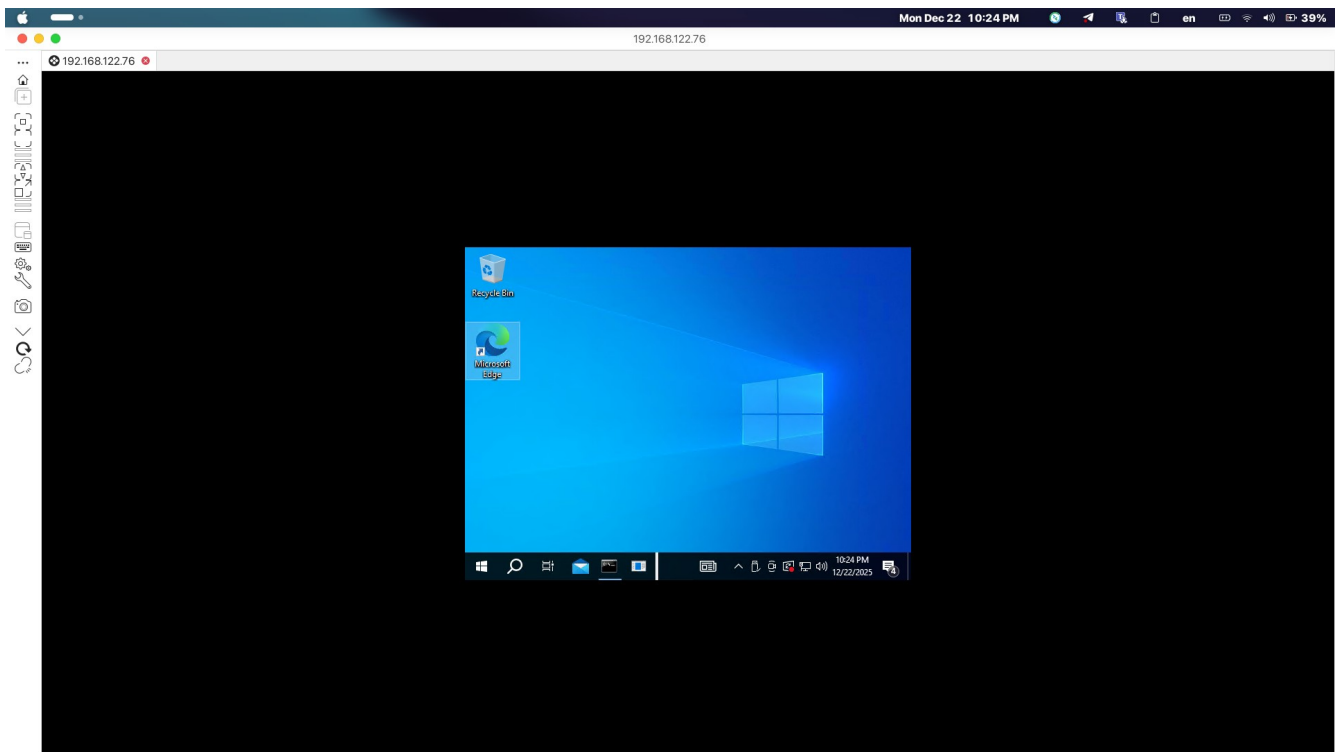
Name:     et23-1.bas1-1-edg.amb.yahoo.com
Address:  87.248.113.14

C:\Windows\system32>
```

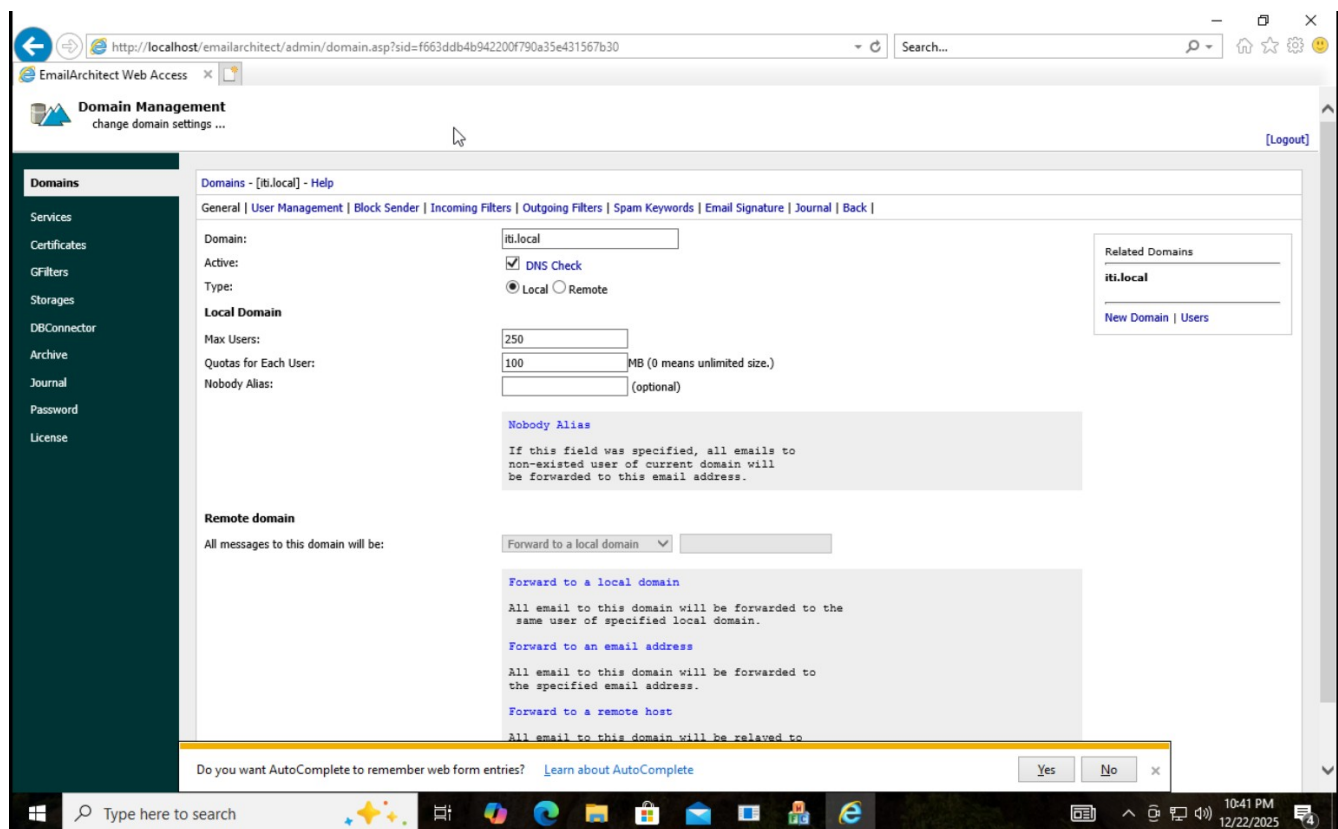
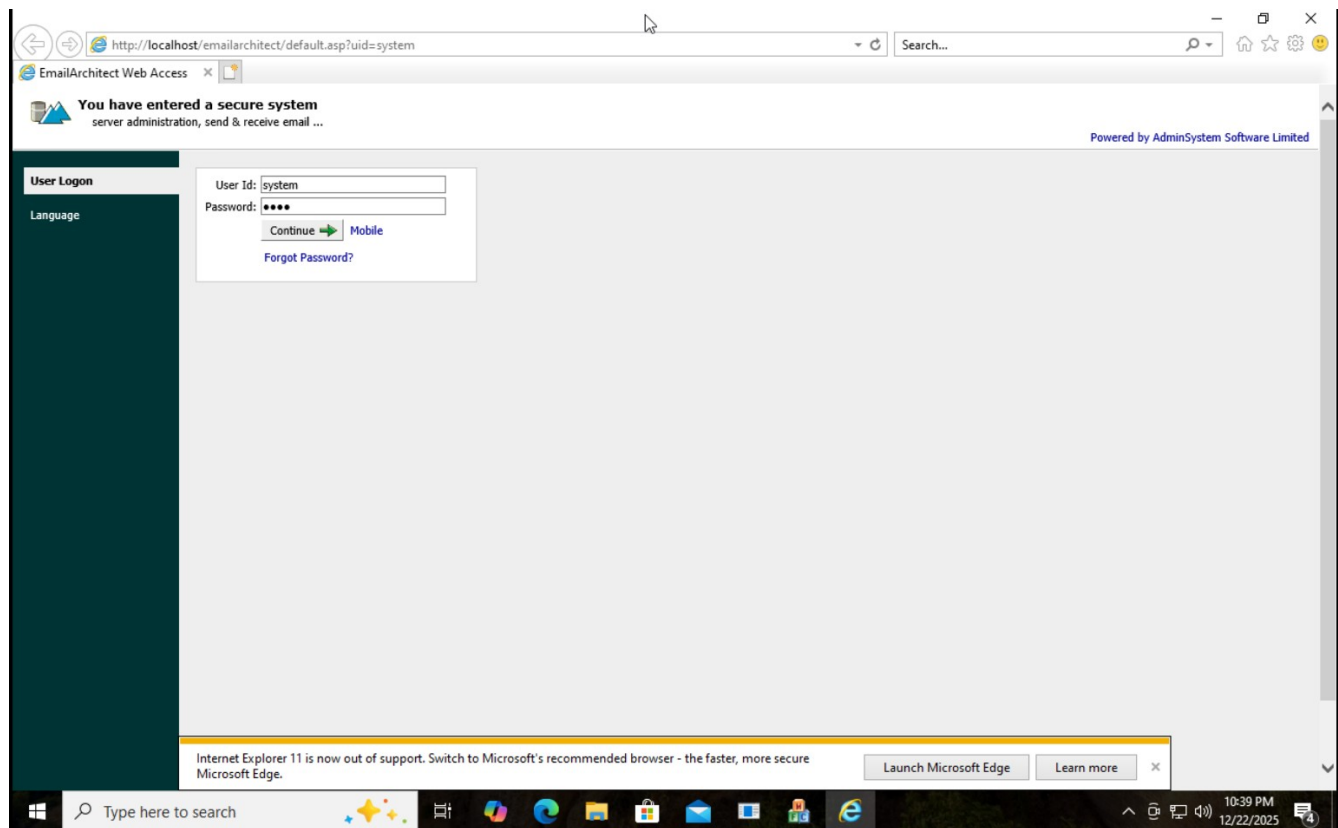
8- Dealing with FTP protocol: Connecting to the FTP server in my router



9-Using Remote Administration



10- Dealing with Electronic Mail Service



http://localhost/emailarchitect/admin/user.asp?sid=f663ddb4b942200f790a35e431567b30&xdname=iti%2Elocal&action=save

EmailArchitect Web Access

User Management

change user profile ... [Logout]

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:
Retype Password:
Maximum Size of Single Email: 20480

If you don't want to change password, do not input any value in Password

Quota Size: 100

The maximum value is limited to 20480KB by System Administrator.
at SMTP Service->Messages->Limit message size to (KB)

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.

New User | New Alias

http://localhost/emailarchitect/mail/mbx.asp?sid=2b962cacdefe8cf9ff75a2447e425ac28&mbx=Inbox

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

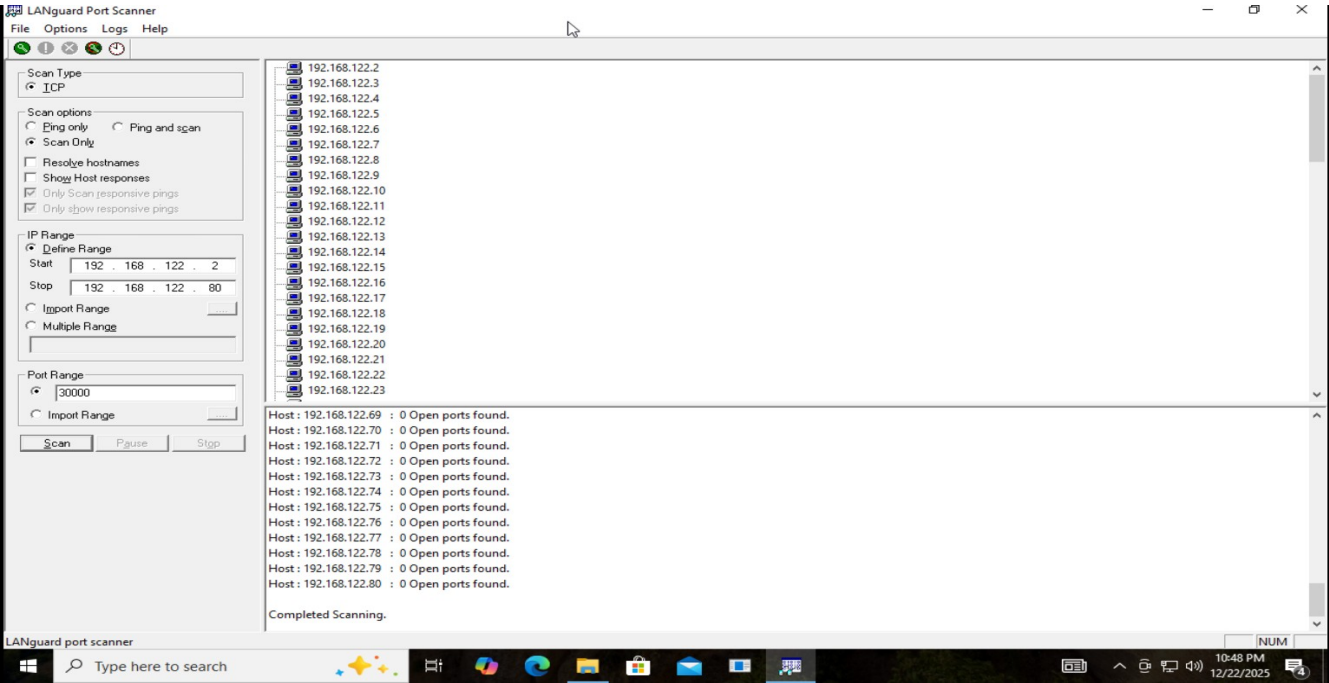
Delete | Mark as Unread | Block | Goto Inbox

0 message(s) First Prev Next Last

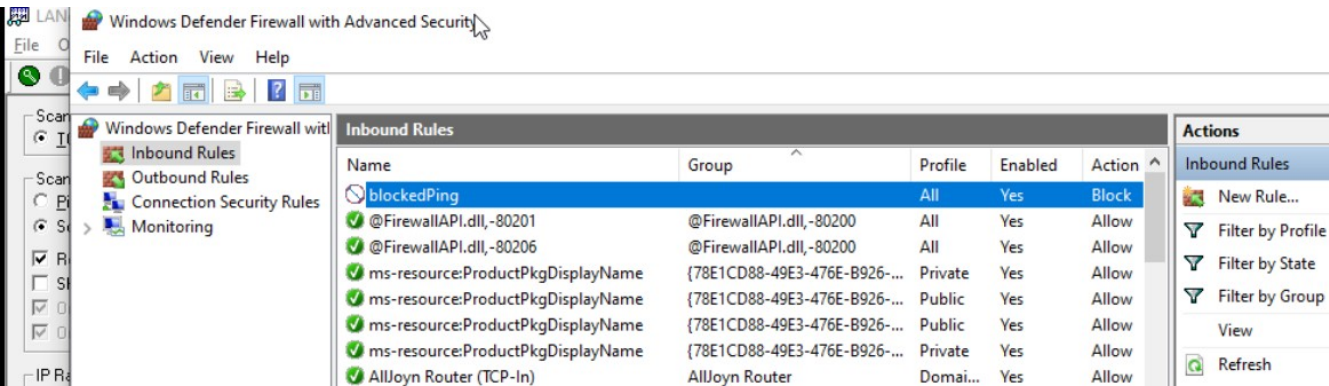
0% 100 M

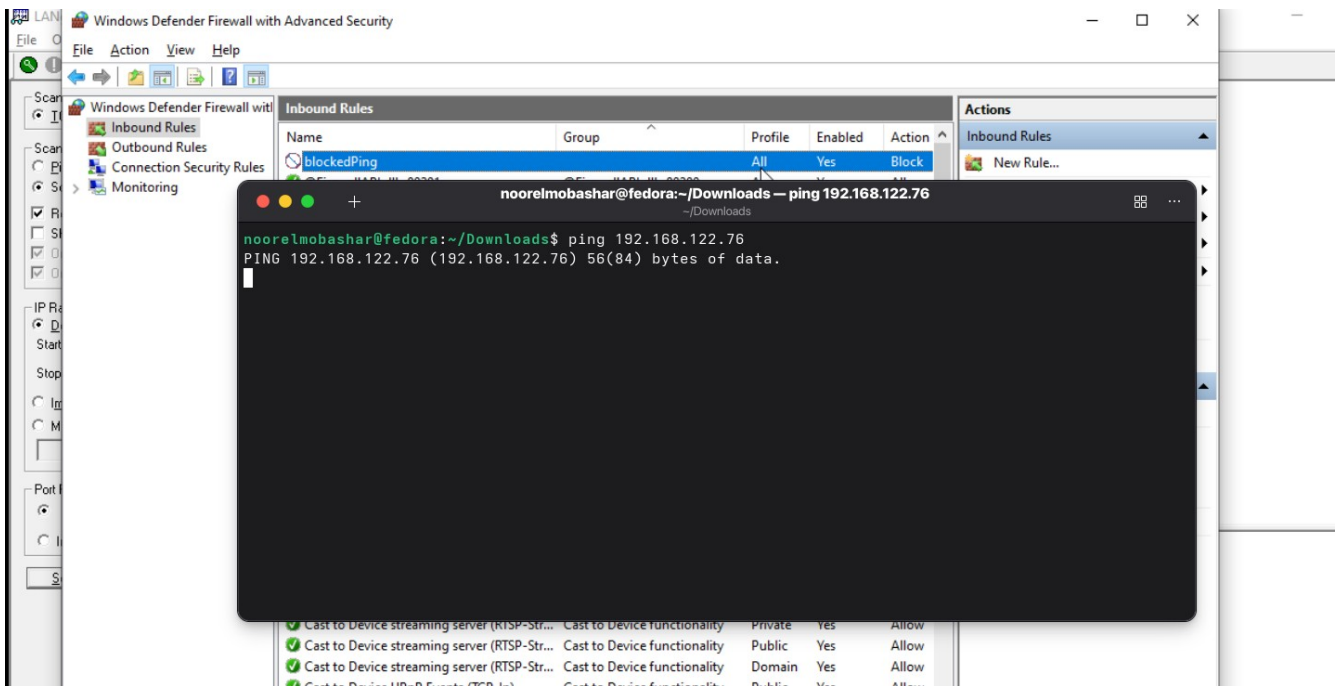
Would you like to store your password for localhost? More info Yes Not for this site

8- Port Scanning

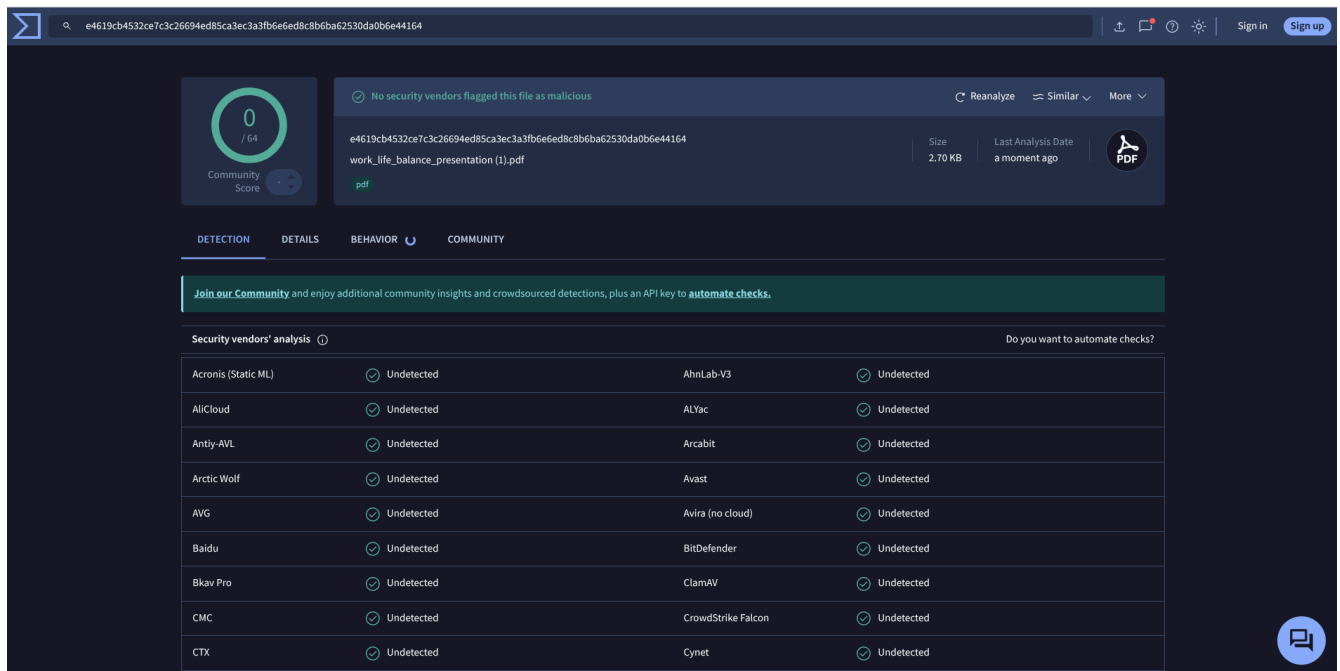


12- Advanced Firewall Options:





12- check malicious software



13- check malicious website and links

http://www.facebook.com/

0 / 98 Community Score

No security vendors flagged this URL as malicious

Reanalyze Search More

http://www.facebook.com/
www.facebook.com

Status 200 Content type text/html; charset="utf-8" Last Analysis Date 4 minutes ago

test.html password-input external-resources trackers

DETECTION DETAILS COMMUNITY (271)

Join our Community and enjoy additional community insights and crowdsourced detections, plus an API key to automate checks.

Crowdsourced context

HIGH 0 MEDIUM 0 LOW 1 INFO 0 SUCCESS 0

1 Paleobot Trojan Harvests Palestinian Online Credentials - according to source ArcSight Threat Intelligence - 2 years ago

Contextual Indicators: Domain is classified as Social Networking Contextual Indicators: The domain is popular among websites with good reputation Contextual Indicators: The domain's Alexa rank is 5 Contextual Indicators: The domain is popular in the world Contextual Indicators: The domain's Cisco Umbrella rank is 22 Created On: 1997-03-29 00:00:00 VirusTotal Link: <https://www.virustotal.com/gui/domain/3e723b591bd95ce8f5c9b7032dc572ca97351d0da5efc73459c1fba438e43b/detection> Classification Description: Legitimate website which does not serve any malicious purpose.

Security vendors' analysis

Do you want to automate checks?

Abusix	✓ Clean	Acronis	✓ Clean
ADMINUSLabs	✓ Clean	AlLabs (MONITORAPP)	✓ Clean
AlienVault	✓ Clean	alphaMountain.ai	✓ Clean
Antiy-AVL	✓ Clean	Artists Against 419	✓ Clean

14- check compromised password and data leakages

Email Breach History

Timeline of data breaches affecting your email address

1 Data Breach

Oh no — pwned! This email address has been found in a data breach. Review the details below to see where your data was exposed.

Stay Protected
Get notified when your email appears in future data breaches [Notify Me](#)

Appen

In June 2020, the AI training data company Appen suffered a data breach exposing the details of almost 5.9 million users which were subsequently sold online. Included in the breach were names, email addresses and passwords stored as bcrypt hashes. Some records also contained phone numbers, employers and IP addresses. The data was provided to HIBP by dehashed.com.

Compromised data:

Jun 2020