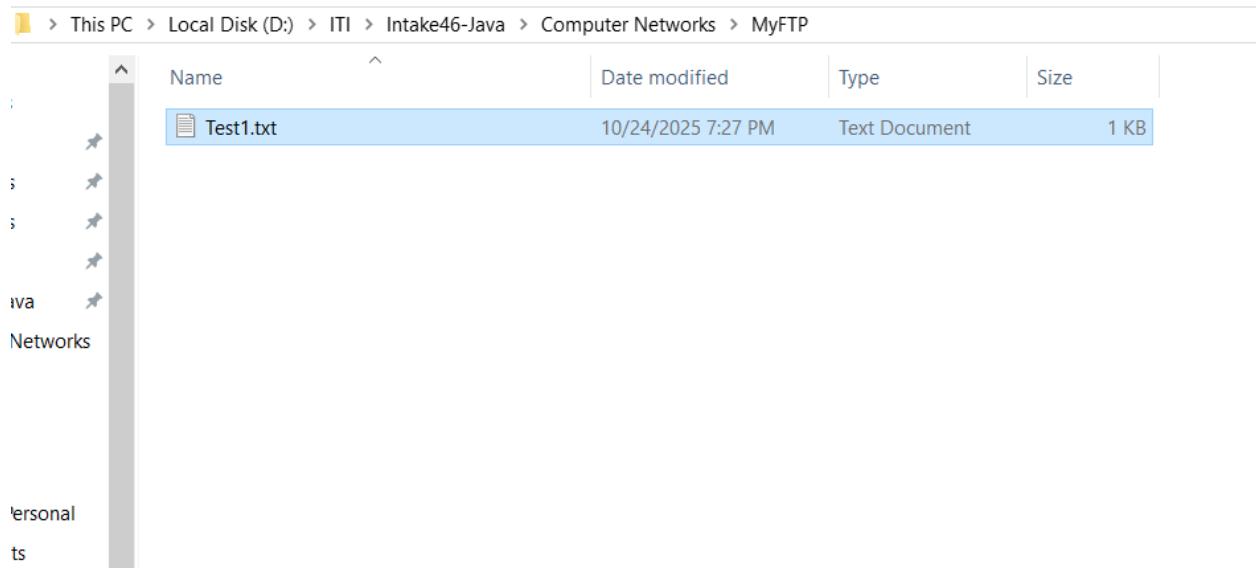
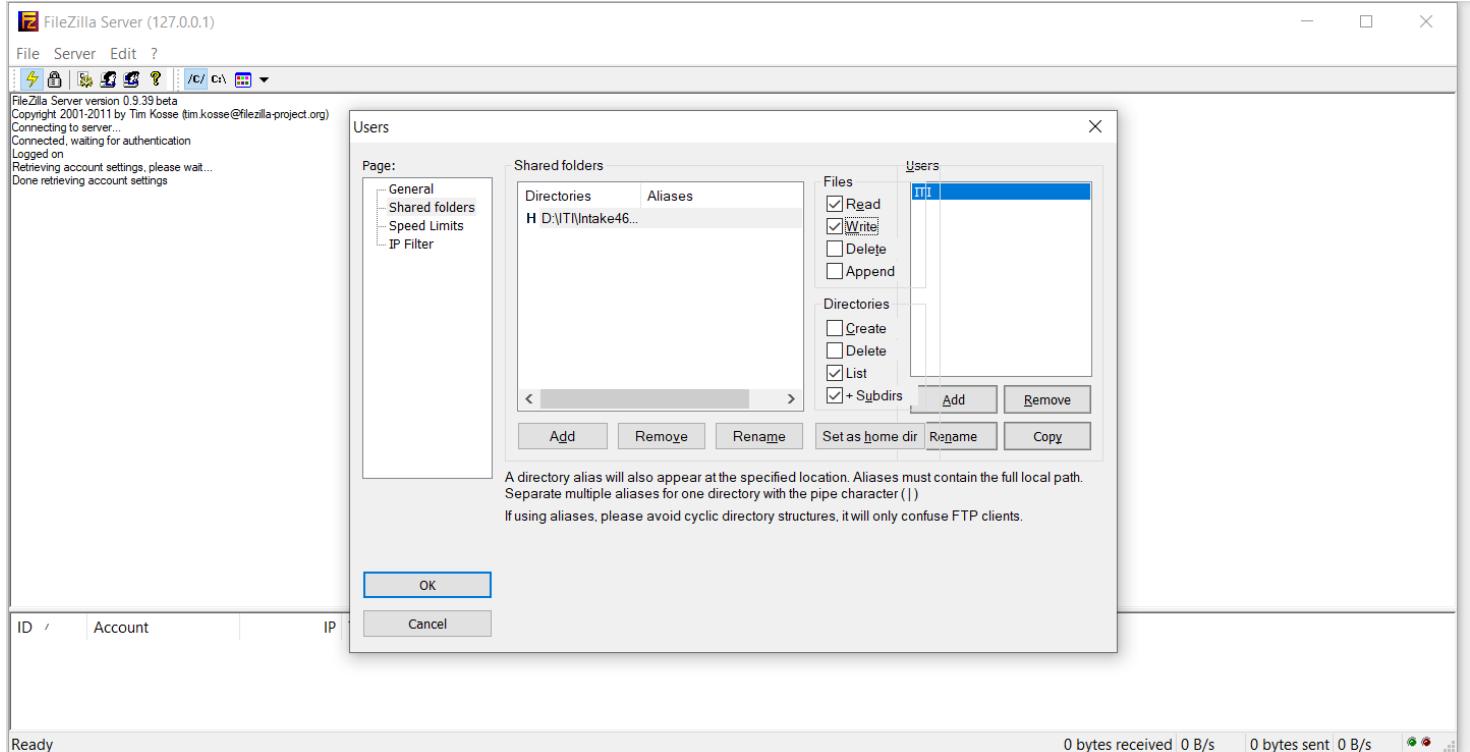


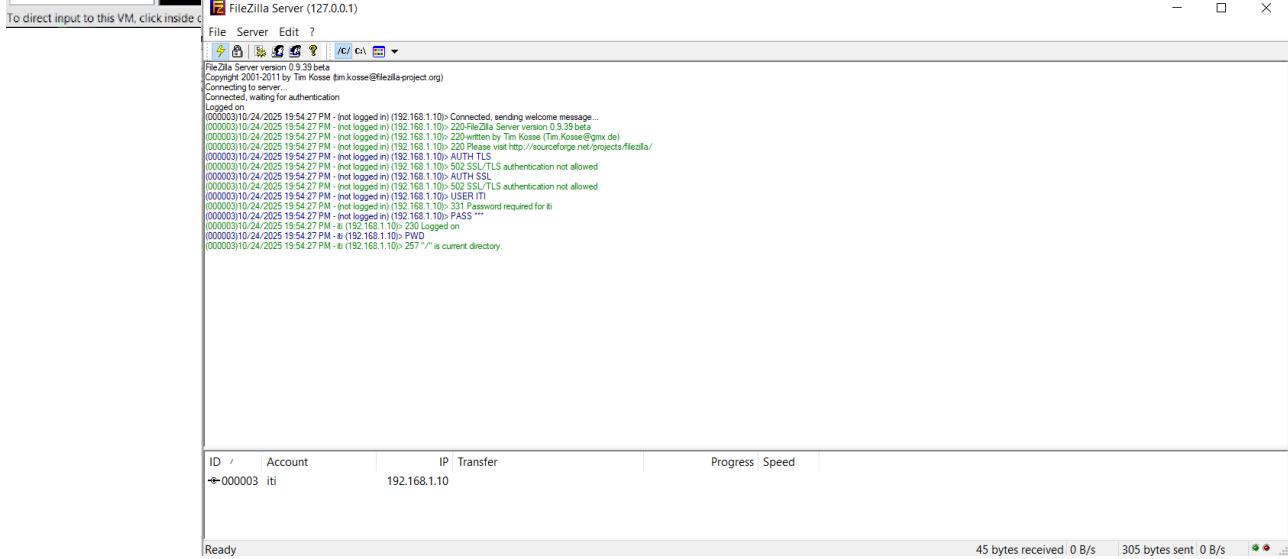
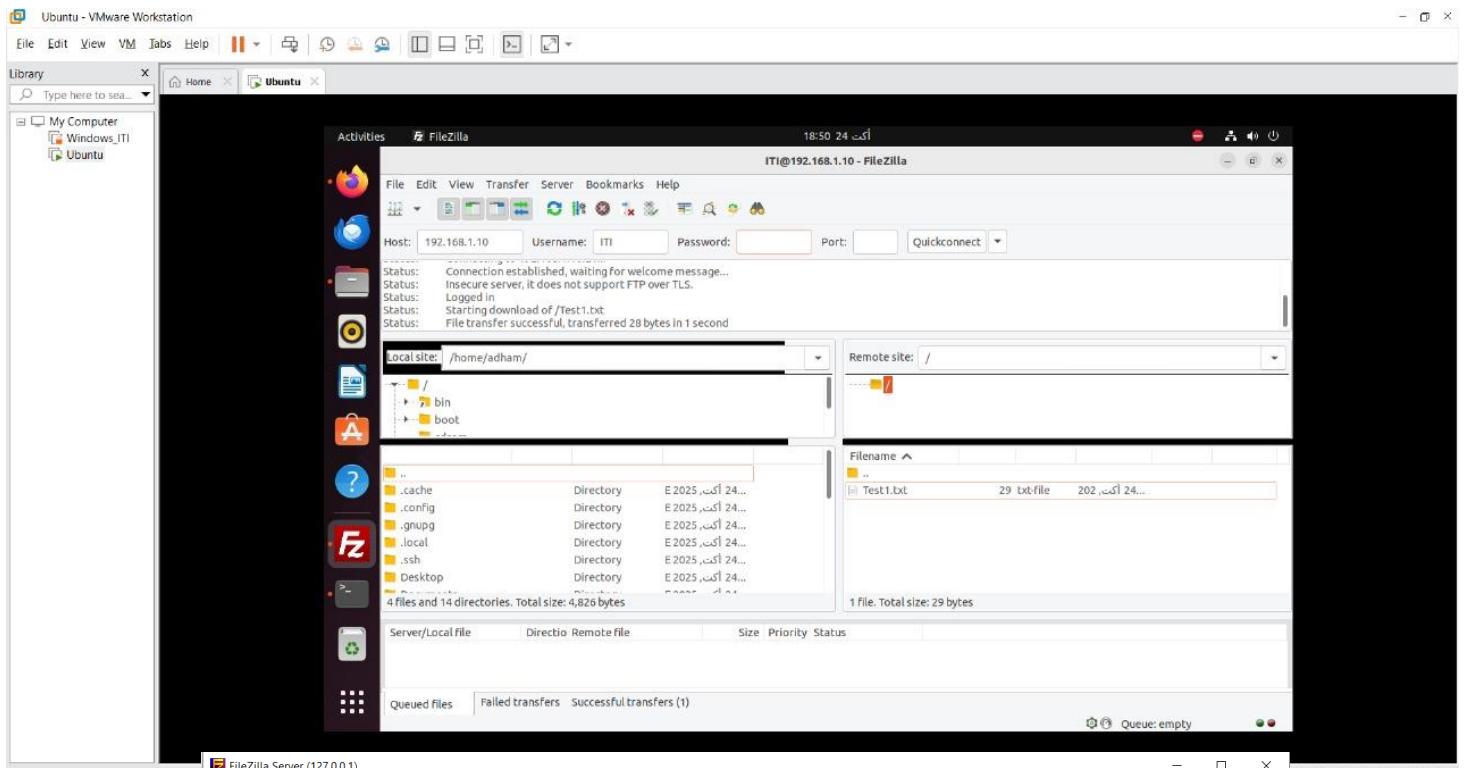
# Dealing with FTP Protocol

## a- Configure FTP server



## b- Configure FTP client and connect to the server

```
adham@adham-Virtual-Machine:~/Downloads/FileZilla3/bin$ ping 192.168.1.10
PING 192.168.1.10 (192.168.1.10) 56(84) bytes of data.
64 bytes from 192.168.1.10: icmp_seq=1 ttl=128 time=0.528 ms
64 bytes from 192.168.1.10: icmp_seq=2 ttl=128 time=0.527 ms
64 bytes from 192.168.1.10: icmp_seq=3 ttl=128 time=0.584 ms
^C
--- 192.168.1.10 ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 2078ms
rtt min/avg/max/mdev = 0.527/0.546/0.584/0.026 ms
adham@adham-Virtual-Machine:~/Downloads/FileZilla3/bin$
```



# Dealing with electronic map service

## a- Creating a domain

 **Domain Management**  
change domain settings ... [\[Logout\]](#)

**Domains**

General | User Management | Block Sender | Incoming Filters | Outgoing Filters | Spam Keywords | Email Signature | Journal | Back |

Domain:

Active:  DNS Check

Type:  Local  Remote

**Local Domain**

Max Users:

Quotas for Each User:  MB (0 means unlimited size.)

Nobody Alias:  (optional)

**Nobody Alias**

If this field was specified, all emails to non-existed user of current domain will be forwarded to this email address.

**Related Domains**

iti.adham

[New Domain](#) | [Users](#)

## b- Create users

 **Domains**  
Domains - [iti.adham] - Help  
General | User Management | **Block Sender** | Incoming Filters | Outgoing Filters | Spam Keywords | Email Signature | Journal | Back |

User: @iti.adham

Active:

First Name:  (optional)

Last Name:  (optional)

Department:  (optional)

Password:

Retype Password:

Maximum Size of Single Email:

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

Quota Size:

The maximum value is limited to 150M, by System Administrator, 0 means unlimited size

Domain Administrator

Domain Administrator can manage current domain users, block list and filters via Web Access.

User can change password

User can't access Web Mail

User can't access SMTP Service

User can't access POP3 Service

User can't access IMAP4 Service

User can't delete/move mails & mailbox (readonly)

**Domains**

- Services
- Certificates
- GFilters
- Storages
- DBConnector
- Archive
- Journal
- Password

Domains - [iti.adham] - Help  
[General](#) | [User Management](#) | [Block Sender](#) | [Incoming Filters](#) | [Outgoing Filters](#) | [Spam Keywords](#) | [Email Signature](#) | [Journal](#) | [Back](#) |

| User ▲ *   | Search | Department | Role | Status | Storage Information |
|--|--------|------------|------|--------|---------------------|
| ALL A B C D E F G H I J K L M N O P Q R S T U V W X Y Z  |        |            |      |        |                     |
| <input type="checkbox"/> ak - adham khaled   |        |            | user | ✓      | 0 / 150.0M          |
| <input type="checkbox"/> kai - kareem ali  |        |            | user | ✓      | 0 / 150.0M          |
| <a href="#">New User</a>   <a href="#">New Alias</a>   <a href="#">Edit</a>   <a href="#">Delete</a> |        |            |      |        |                     |
| 1 - 2 user(s) <a href="#">First</a> <a href="#">Prev</a> <a href="#">Next</a> <a href="#">Last</a>   |        |            |      |        |                     |
| 0 <input type="button" value="2"/> 100   |        |            |      |        |                     |

## c- Log in to user account

You have entered a secure system  
server administration, send & receive email ...

**User Logon**

User Id:

Password:

[Mobile](#)

[Forgot Password?](#)

**Inbox** view mailbox ...  
ak@iti.adham - [\[Help\]](#) - [\[Logout\]](#)

[Create Email](#)

**Inbox**

[Delete](#) [Mark as Read](#) [From](#) [Put in Folder...](#) [Subject](#) [Goto](#)  / 1 Page(s)

[Delete](#) | [Mark as Unread](#) | [Block](#) | [Goto](#) [Inbox](#) 0 message(s) [First](#) [Prev](#) [Next](#) [Last](#)

0% 150 M

**Inbox**

- [Sent Items](#)
- [Deleted Items](#)
- [Drafts](#)
- [Junk\\*](#)

[Manage Folder](#)

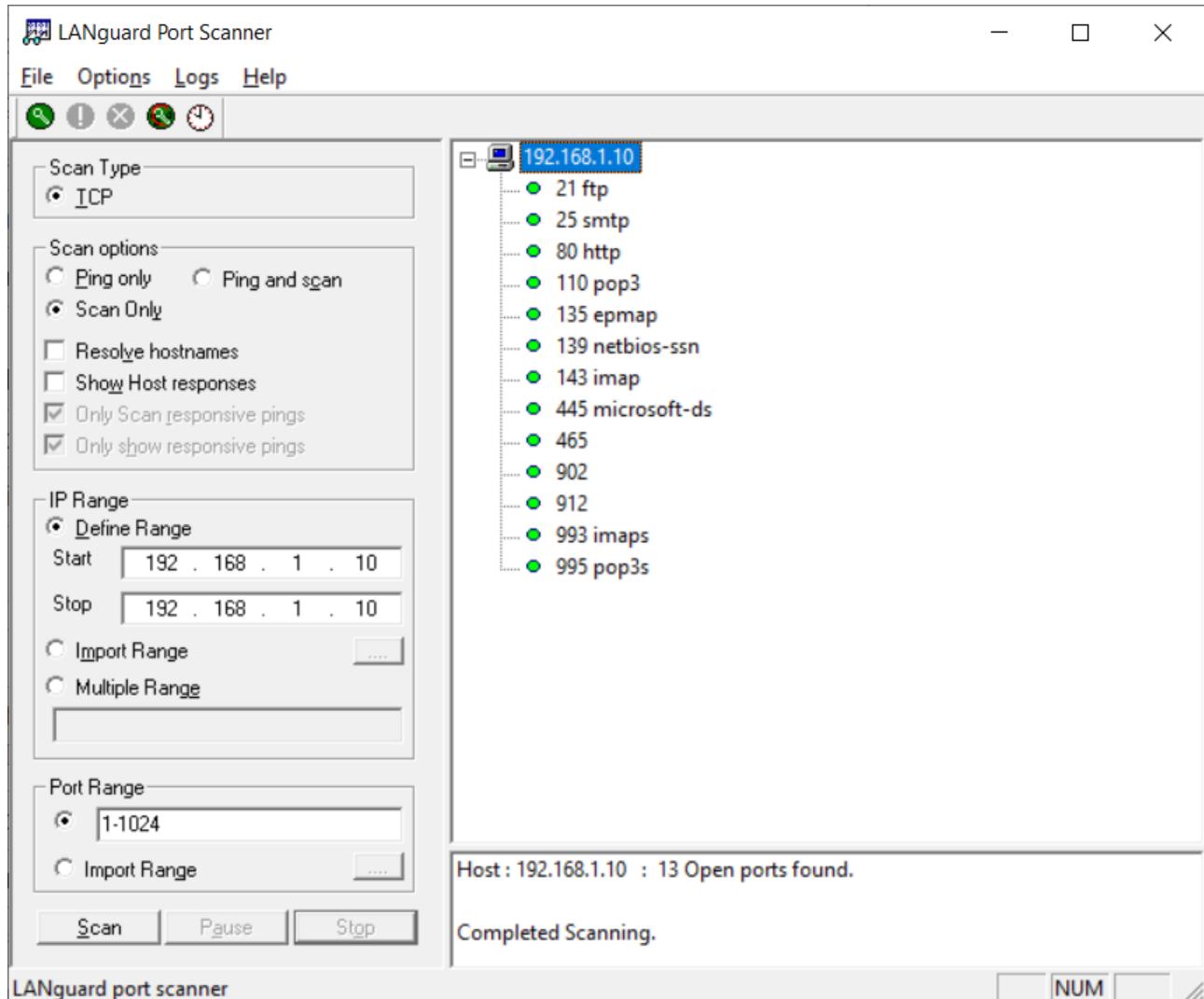
[Find Mail](#)

[Contacts](#)

[Options](#)

[Journal](#)

# Port Scanning



# Advanced Firewall Options

## a- Add outbound rule to block any ping command

The screenshot shows the Windows Defender Firewall with Advanced Security interface. The left sidebar has options: Inbound Rules, **Outbound Rules** (selected), Connection Security Rules, and Monitoring. The main area displays a table titled "Outbound Rules" with columns: Name, Group, Profile, and Enabled. The "Actions" pane on the right lists various options like New Rule..., Filter by Profile, Refresh, and Help.

| Name  | Group                          | Profile    | Enabled |
|---|--------------------------------|------------|---------|
| Block ICMP                                    |                                | All        | Yes     |
| ActivePresenter                               |                                | All        | Yes     |
| ActivePresenter License Activator             |                                | All        | Yes     |
| @FirewallAPI.dll,-80204                       | @FirewallAPI.dll,-80200        | All        | Yes     |
| Microsoft Teams                               | 78E1CD88-49E3-476E-B926...     | All        | Yes     |
| Microsoft Teams                               | 78E1CD88-49E3-476E-B926...     | All        | Yes     |
| Microsoft Teams                               | 78E1CD88-49E3-476E-B926...     | All        | Yes     |
| Microsoft Teams                               | 78E1CD88-49E3-476E-B926...     | All        | Yes     |
| ms-resource:AppTitle                          | 78E1CD88-49E3-476E-B926...     | All        | Yes     |
| ms-resource:AppTitle                          | 78E1CD88-49E3-476E-B926...     | All        | Yes     |
| ms-resource:AppTitle                          | 78E1CD88-49E3-476E-B926...     | All        | Yes     |
| ms-resource:AppTitle                          | 78E1CD88-49E3-476E-B926...     | All        | Yes     |
| ms-resource:ProductPkgDisplayName             | 78E1CD88-49E3-476E-B926...     | Public     | Yes     |
| ms-resource:ProductPkgDisplayName             | 78E1CD88-49E3-476E-B926...     | Private    | Yes     |
| ms-resource:ProductPkgDisplayName             | 78E1CD88-49E3-476E-B926...     | Public     | Yes     |
| ms-resource:ProductPkgDisplayName             | 78E1CD88-49E3-476E-B926...     | Private    | Yes     |
| Quick Share                                   | 78E1CD88-49E3-476E-B926...     | All        | Yes     |
| Quick Share                                   | 78E1CD88-49E3-476E-B926...     | All        | Yes     |
| 3D Viewer                                     | 3D Viewer                      | All        | Yes     |
| AllJoyn Router (TCP-Out)                      | AllJoyn Router                 | Domai...   | Yes     |
| AllJoyn Router (UDP-Out)                      | AllJoyn Router                 | Domai...   | Yes     |
| App Installer                                 | App Installer                  | All        | Yes     |
| Apple Devices                                 | Apple Devices                  | All        | Yes     |
| BranchCache Content Retrieval (HTTP-Out)      | BranchCache - Content Retri... | All        | No      |
| BranchCache Hosted Cache Client (HTTP-...     | BranchCache - Hosted Cache...  | All        | No      |
| BranchCache Hosted Cache Server(HTTP-...      | BranchCache - Hosted Cache...  | All        | No      |
| BranchCache Peer Discovery (WSD-Out)          | BranchCache - Peer Discover... | All        | No      |
| Captive Portal Flow                           | Captive Portal Flow            | All        | Yes     |
| Cast to Device functionality (qWave-TCP-...   | Cast to Device functionality   | Private... | Yes     |
| Cast to Device functionality (qWave-UDP-...   | Cast to Device functionality   | Private... | Yes     |
| Cast to Device streaming server (RTP-Strea... | Cast to Device functionality   | Domain     | Yes     |
| Cast to Device streaming server (RTP-Strea... | Cast to Device functionality   | Public     | Yes     |

## b- Test the rule by pinging another machine before and after adding the rule

```
Command Prompt

C:\Users\DELL>ping 192.168.133.128

Pinging 192.168.133.128 with 32 bytes of data:
Reply from 192.168.133.128: bytes=32 time<1ms TTL=64

Ping statistics for 192.168.133.128:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\Users\DELL>ping 192.168.133.128

Pinging 192.168.133.128 with 32 bytes of data:
General failure.
General failure.
General failure.
General failure.

Ping statistics for 192.168.133.128:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
C:\Users\DELL>
```