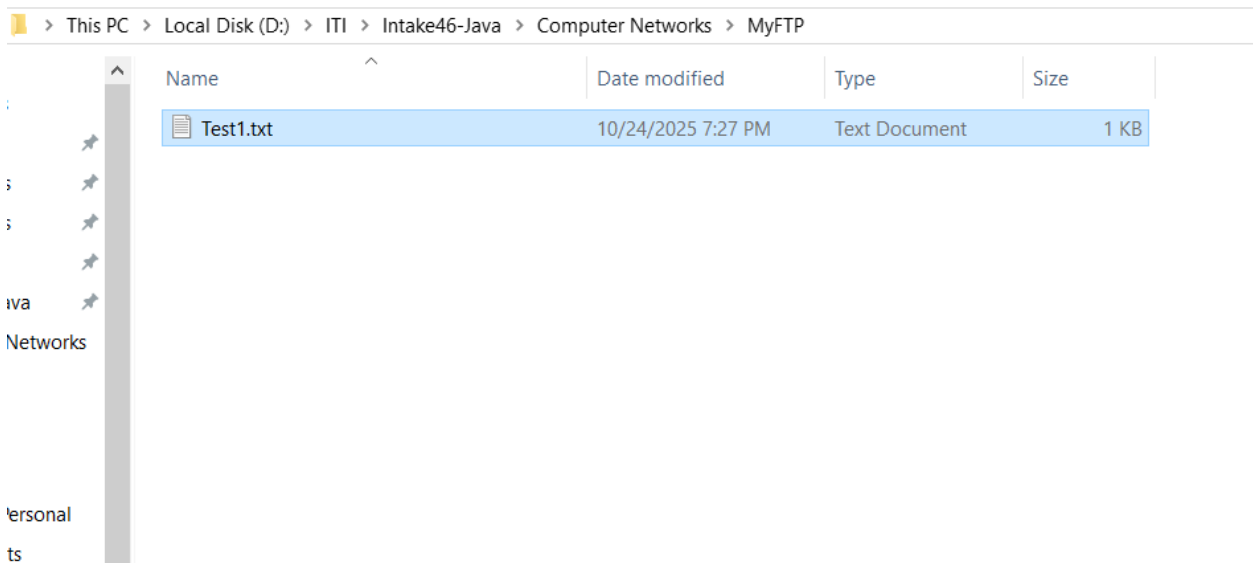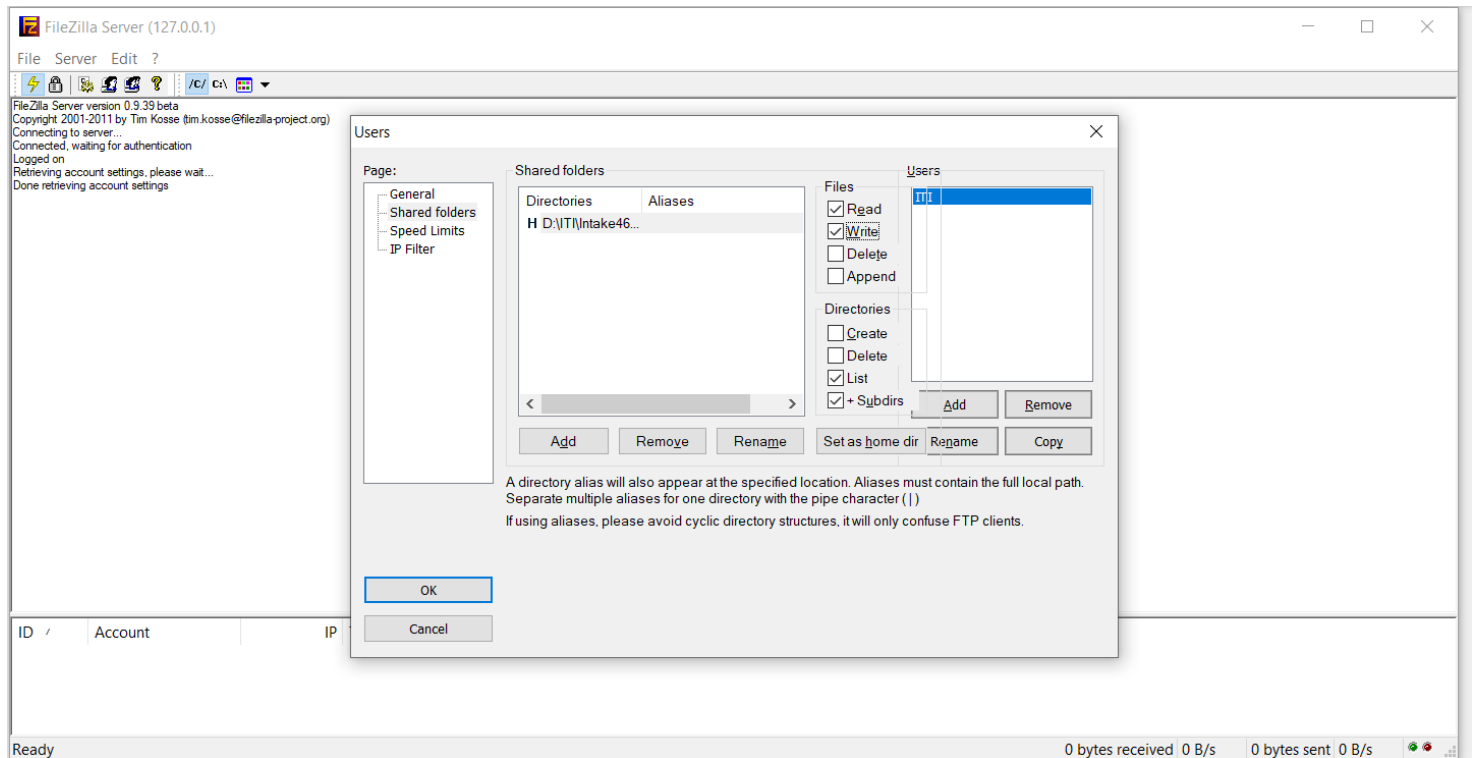# Dealing with FTP Protocol

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$
```
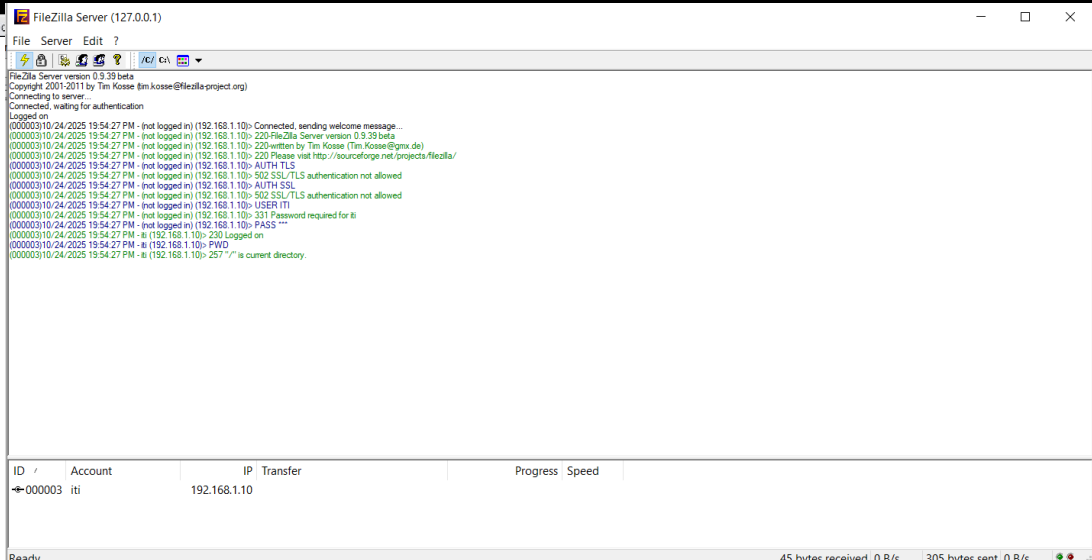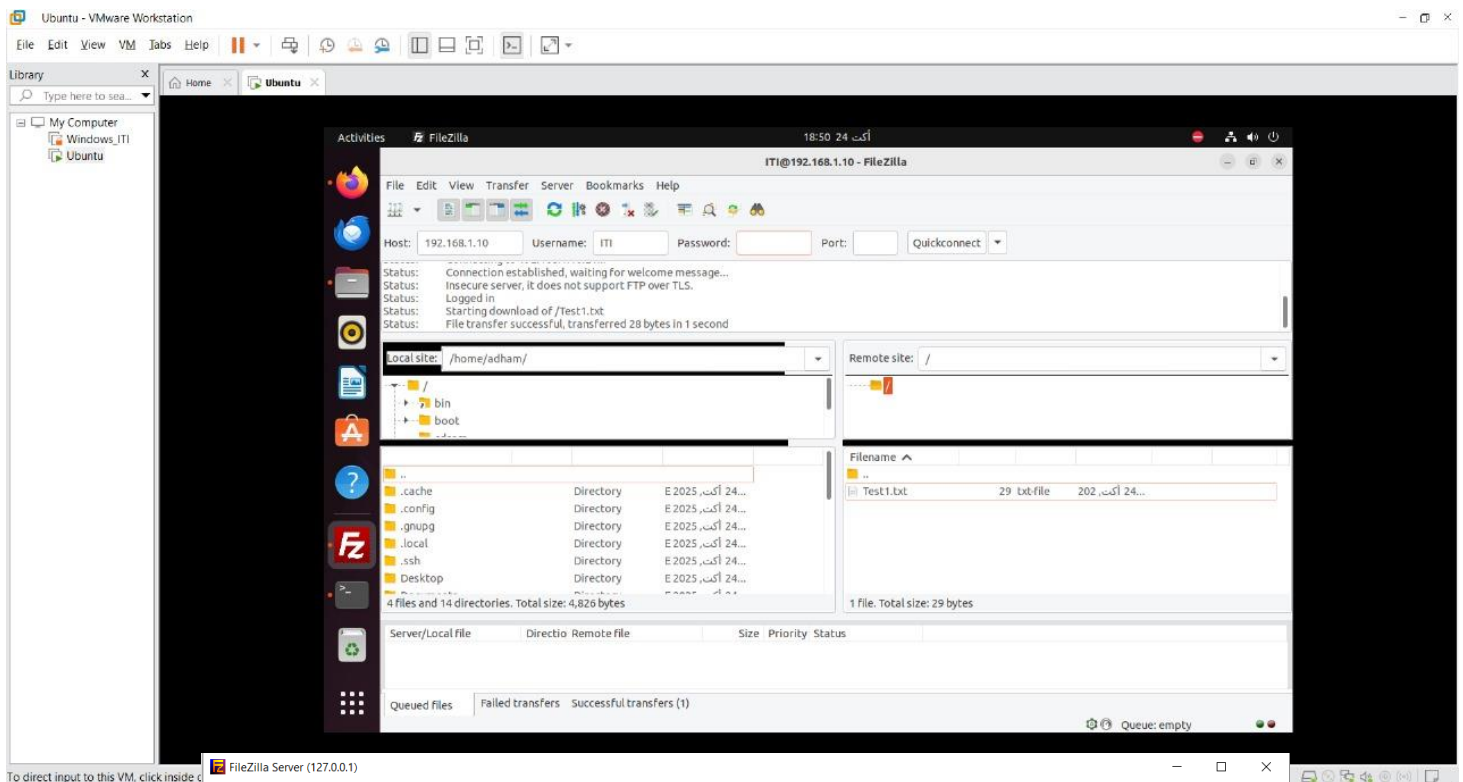
Dealing with electronic map service

a- Creating a domain

Domain Management
change domain settings ...

[Logout

Domains

Services
Certificates
GFilters
Storages
DBConnector
Archive
Journal
Password
License

Domains - [iti.adham] - Help

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

Domain: iti.adham
Active: ☑ DNS Check
Type: ◉ Local ○ Remote
Local Domain
Max Users: 100
Quotas for Each User: 150   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

Services
Certificates
GFilters
Storages
DBConnector
Archive
Journal
Password
License

Domains - [iti.adham] - Help

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

User   kai   @iti.adham
Active   ☑
First Name   kareem   (optional)
Last Name   ali   (optional)
Department   (optional)
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   150

```
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 - [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

☐	ak - adham khaled			user	✔	0 / 150.0M
☐	kai - kareem ali			user	✔	0 / 150.0M

New User | New Alias | Edit | Delete | 1 - 2 user(s) First Prev Next Last

0 █ 2   100

c- Log in to user account

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

User Logon

Language

User Id: ak@iti.adham

Password: ●●●●●●   ☁

Continue ➡ Mobile

Forgot Password?

Inbox
view mailbox ...

ak@iti.adham - [Help] - [Logout]

Create Email

📁 Inbox

📁 Sent Items

📁 Deleted Items

📁 Drafts

📁 Junk*

Manage Folder

Find Mail

Contacts

Options

Journal

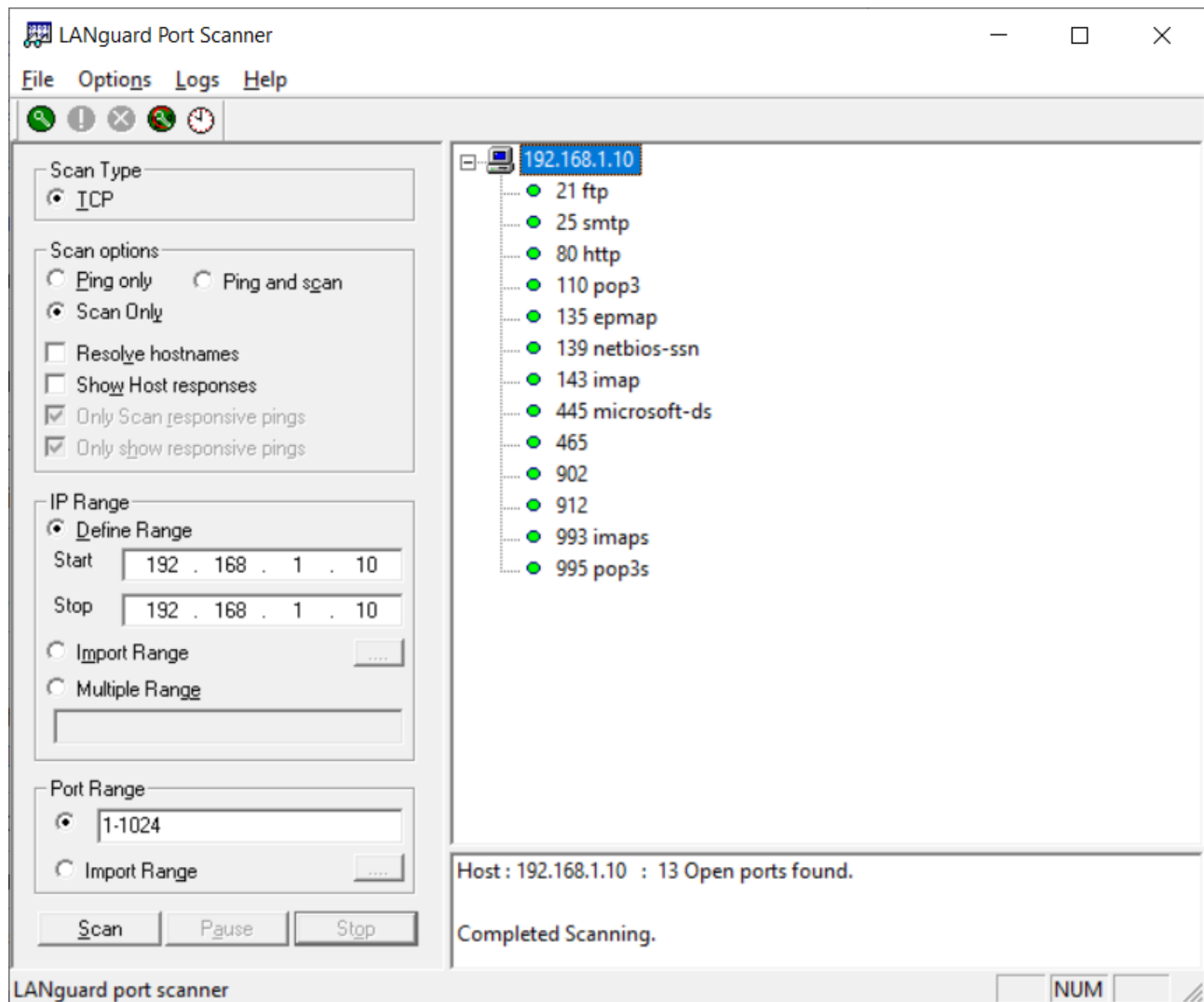Inbox   Goto 1 / 1 Page(s)

☐ ❗📑✉ From   Put in Folder... ▾   Subject   Date ▼   Size

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

0%   150 M

Port Scanning

Advanced Firewall Options

a- Add outbound rule to block any ping command

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

```
CMD 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
Reply from 192.168.133.128: bytes=32 time<1ms TTL=64
Reply from 192.168.133.128: bytes=32 time<1ms TTL=64
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>_
```