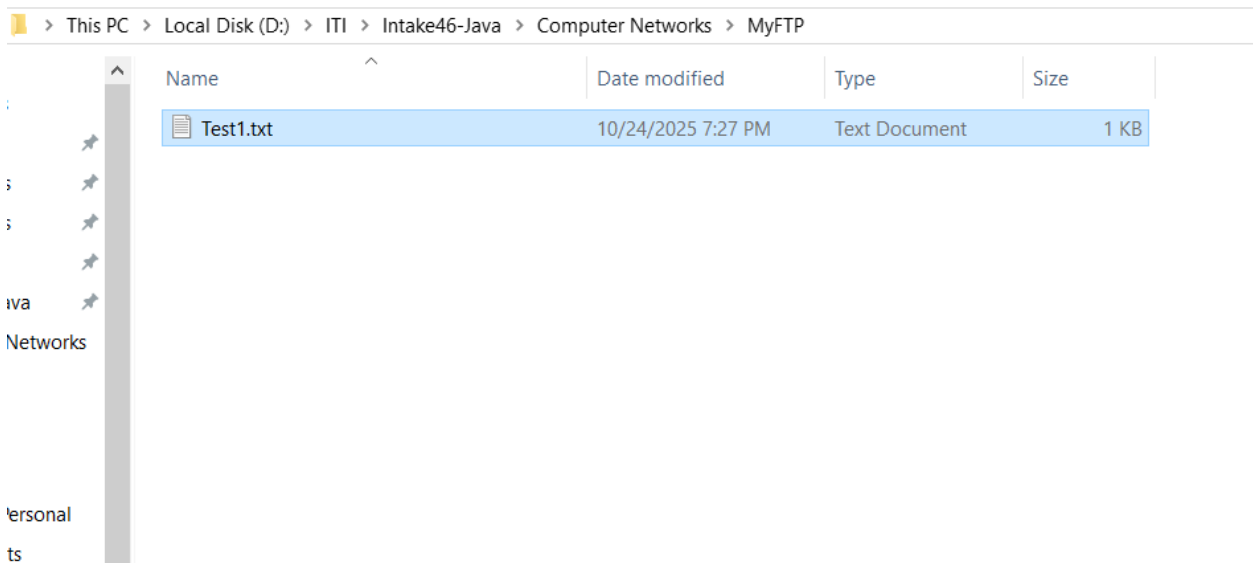
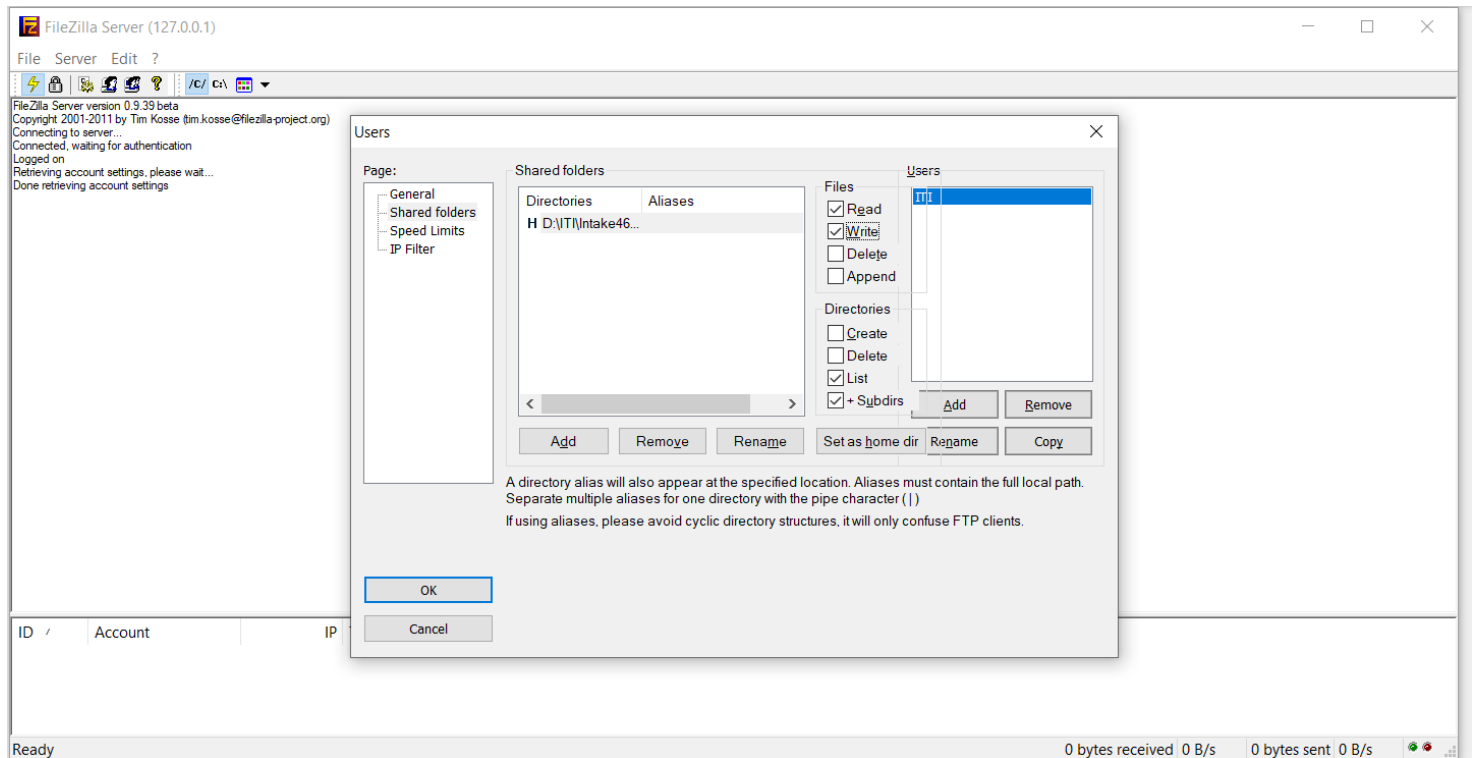


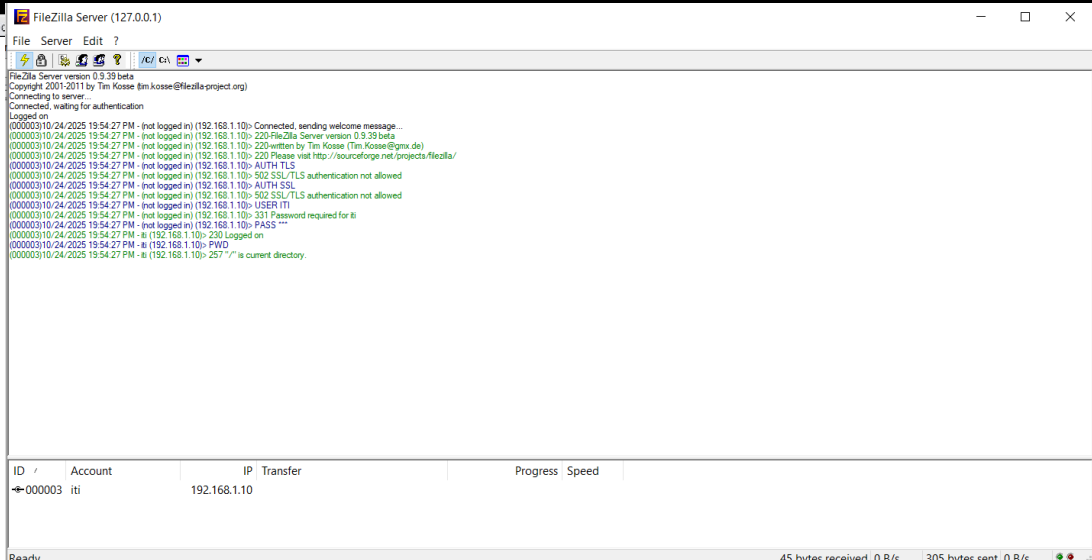
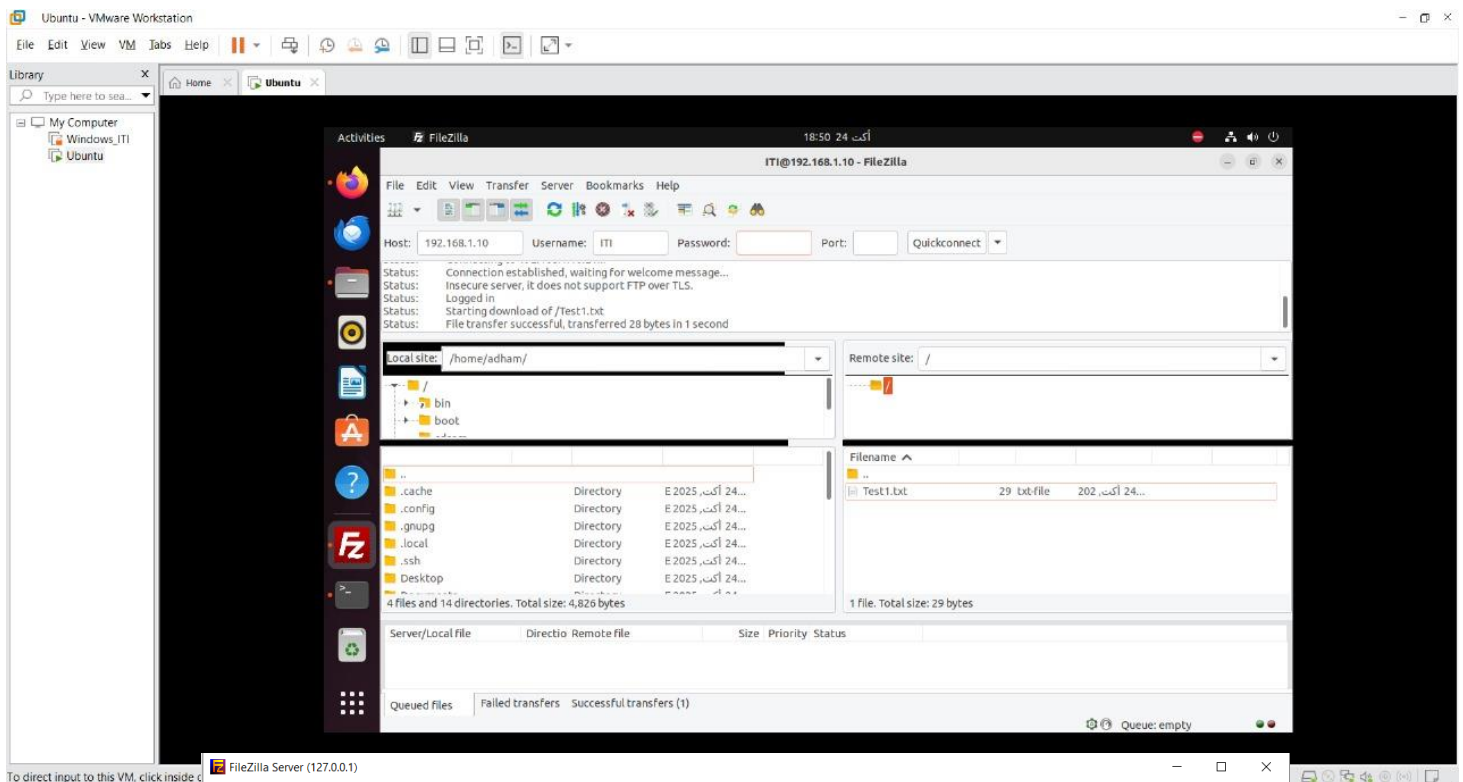
Dealing with FTP Protocol

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:

Active: ☒ [DNS Check](#)

Type: ☒ Local ☐ Remote

Local Domain

Max Users:

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

Nobody Alias: (optional)

Related Domains
iti.adham
[New Domain](#) | [Users](#)

Nobody Alias
If this field was specified, all emails to non-existed user of current domain will be forwarded to this email address.

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: @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 ▲	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

[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:

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 Page(s)

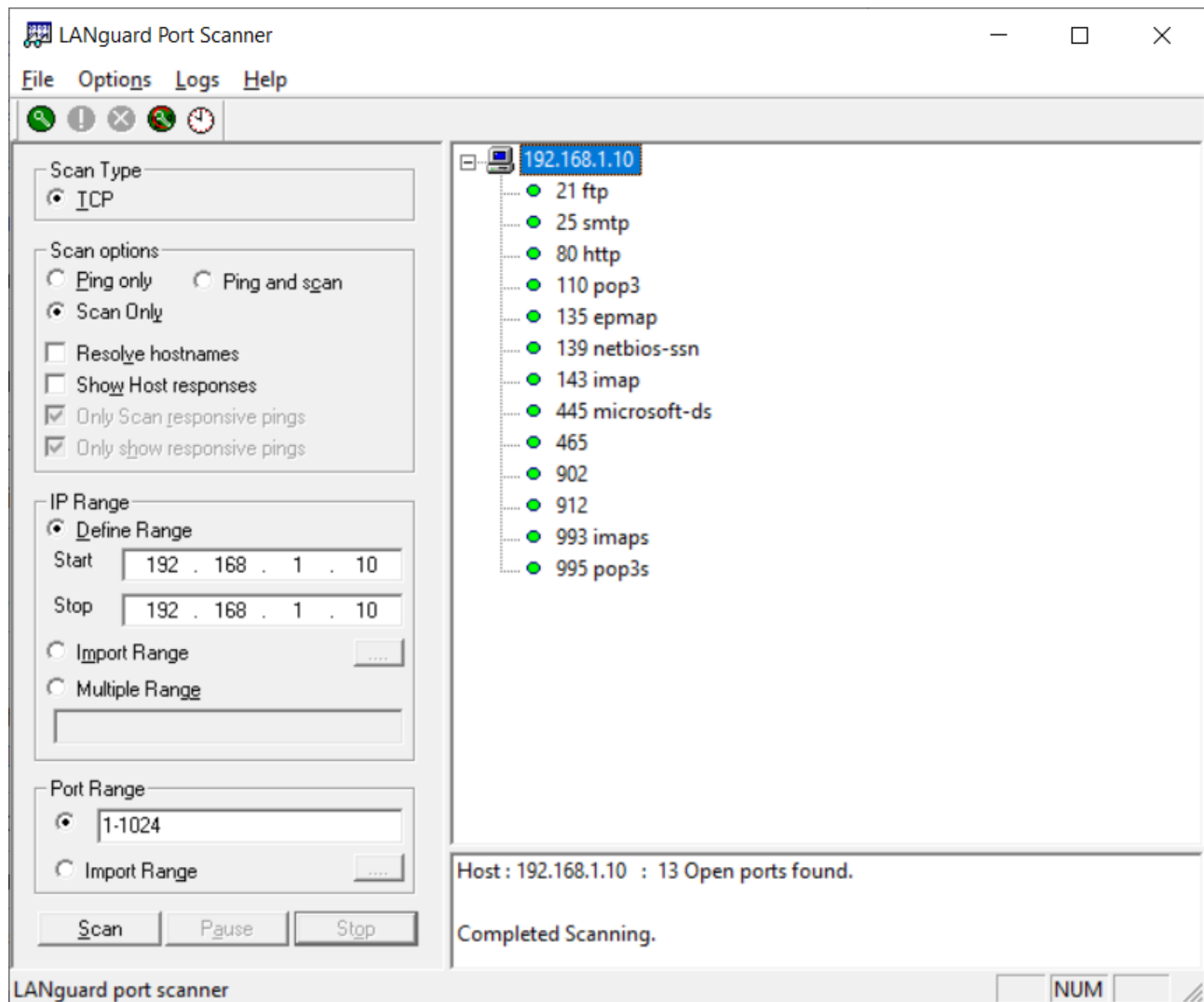
☐ From Subject **Date ▼** Size

[Delete](#) | [Mark as Unread](#) | [Block](#) | Goto

0 message(s) First Prev Next Last

150 M

Port Scanning



Advanced Firewall Options

a- Add outbound rule to block any ping command

Windows Defender Firewall with Advanced Security

File Action View Help

Windows Defender Firewall with Advanced Security

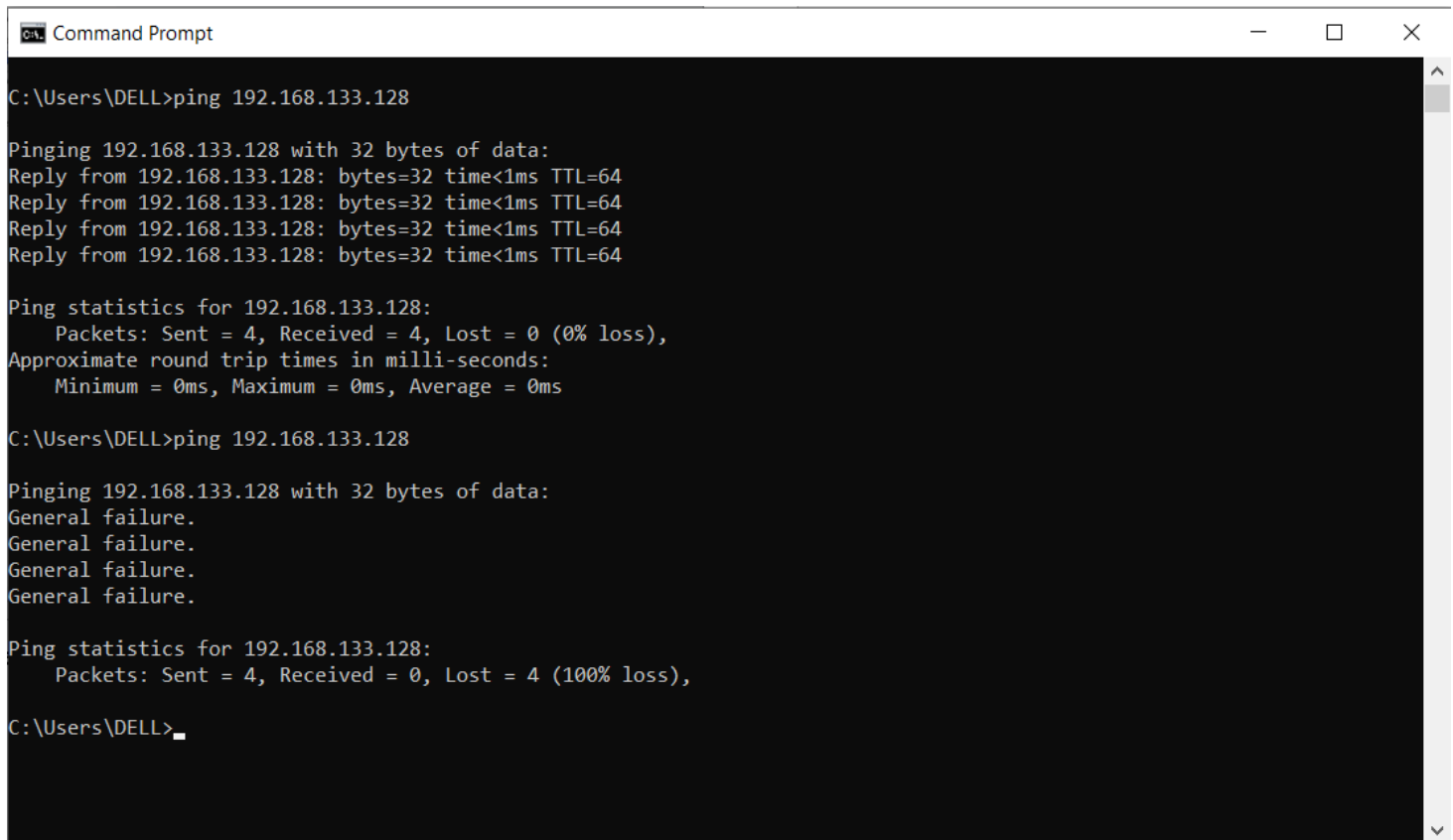
- Inbound Rules
- Outbound Rules**
- Connection Security Rules
- Monitoring

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	Domain	Yes
AllJoyn Router (UDP-Out)	AllJoyn Router	Domain	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

Actions

- Outbound Rules
- New Rule...
- Filter by Profile
- Filter by State
- Filter by Group
- View
- Refresh
- Export List...
- Help
- Cast to Device streaming server (RTP-Streamin...
- Disable Rule
- Cut
- Copy
- Delete
- Properties
- Help

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



```
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>
```