1 infosec warrior (website)

> download the my firewall

> import the firewall in virtualbox

2 virtualbox

>open the setting of firewall

> open network

> 1 addapter > bridge adapter

> 2 addapter > internal network

> make a group of vms

> open network

> 1 addapter > internal network

> attacker vm

# its sepreate the network and group

> start firewall

> start attacker vm

> open attacker vm

> open terminal

$ ping <ip> (bridge adapter of firewall)

> open firefox

search <ip> (bridge adapter of firewall)

<ip> = <ip> (bridge adapter of firewall)

Show all packats in wireshark

types of ping

1 ping

2 hping3

3 fping

commands of ping

-c 2 = send a 2 packets to ip

-s 500 = send a packets 500 bytes to ip (max = 65500 bytes)

-i 10 = send a packets 10 sec later send a packets to ip

-p 41 = send a packets to pattern change AAAAAA

-p 42 = send a packets to pattern change BBBBBB

$ ping <ip> -c 2

# send a packats 2 to <ip>

command of fping

-4 = ipv4

-6 = ipv6

-n = show the name of ip

-g <ip>/24 -s > ip.txt= show the all ip is active or not

and last show the show the status and save a file ip.txt

cat ip.txt | grep alive

-g <ip>/24 -a > ip-live.txt = show the live ip in file

cat ip-live.txt

$ fping -4 <ip>

# show the ip is active/unrechable

$ fping <ip> <ip> <ip> .....<ip>

# show the all ip information

command of hping3

-0 = send a raw packats

-1 = send a ICMP mode packats to ip

-8 440-450 <ip>

-V = send a null packats to ip

-S = send a SYN packats to ip

-F = send a FIN packats to ip

-A = send a ACK packats to ip

Exampe -

$ Hping -0 <ip>

# send a raw packats

$ hping3 -V -S -8 443 <ip>

# send a packats to port in <ip>

* Open firefox
* Search <ip>
* Avanced > accept the risk and countinue
* Search a default passward
* Enter the default username and passward

Firewall

* System > user management > change a password of user
* Vpn > openvpn > clint export > export
* 1 file download
* $ openvpn <file nmae>
* Username , password in firewall use
* $ ifconfig
* # add a tan0 of firewall
* $ ping <lan ip>