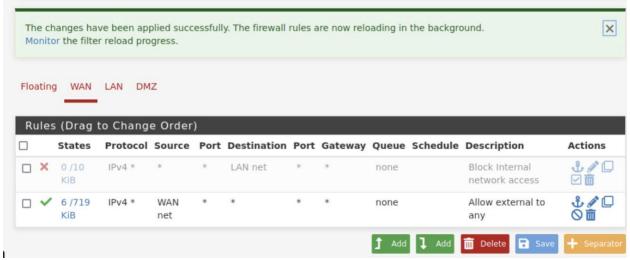
Peter Sanford IT 2700 NetLab Lab 22 11/04/2023

1.1:

```
Step 6:
     so-thehive-es ------
     so-wazuh
 [sysadmin@seconion ~]$ ifconfig -a
 bond0: flags=5443<UP, BROADCAST, RUNNING, PROMISC, MASTER, MULTICAST> mtu 1500
        ether 00:50:56:00:00:ff txqueuelen 1000 (Ethernet)
        RX packets 7215 bytes 607293 (593.0 KiB)
        RX errors 0 dropped 0 overruns 0 frame 0
        TX packets 0 bytes 0 (0.0 B)
        TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
 docker0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
        inet 172.17.0.1 netmask 255.255.255.0 broadcast 172.17.0.255
        ether 02:42:19:55:87:73 txqueuelen 0 (Ethernet)
        RX packets 99963 bytes 47723281 (45.5 MiB)
        RX errors 0 dropped 0 overruns 0 frame 0
        TX packets 103672 bytes 28504566 (27.1 MiB)
        TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
 ens160: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
        inet 192.168.0.6 netmask 255.255.255.0 broadcast 192.168.0.255
Step 14:
```



Step 19:

```
01:50:45.170313 IP pfsense.netlab.local > WinOS.netlab.local: ICMP echo request, id 32534, seq 6, length 64 01:50:45.170563 IP WinOS.netlab.local > pfsense.netlab.local: ICMP echo reply, id 32534, seq 6, length 64
01:50:46.194352 IP pfsense.netlab.local > WinOS.netlab.local: ICMP echo request, id 32534, seq 7, length 64
01:50:46.194693 IP WinOS.netlab.local > pfsense.netlab.local: ICMP echo reply, id 32534, seq 7, length 64 01:50:47.218343 IP pfsense.netlab.local > WinOS.netlab.local: ICMP echo request, id 32534, seq 8, length 64 01:50:47.218600 IP WinOS.netlab.local > pfsense.netlab.local: ICMP echo reply, id 32534, seq 8, length 64
01:50:48.281291 IP seconion.netlab.local > WinOS.netlab.local: ICMP seconion.netlab.local udp port 49031 unreachable, length 76
01:50:48.281560 IP seconion netlab local > WinOS netlab local: ICMP seconion netlab local udp port 49031 unreachable, length 76
01:50:54.645453 IP seconion.netlab.local > WinOS.netlab.local: ICMP seconion.netlab.local udp port 41906 unreachable, length 77
01:50:54.645500 IP seconion.netlab.local >
                                                     WinOS.netlab.local: ICMP seconion.netlab.local udp port 54857 unreachable, length 77
01:50:55.552999 IP seconion.netlab.local > WinOS.netlab.local: ICMP seconion.netlab.local udp port 45758 unreachable,
                                                                                                                                                   length 76
01:50:55.553303 IP seconion.netlab.local > WinOS.netlab.local: ICMP seconion.netlab.local udp port 45758 unreachable, length 76
01:51:04.612208 IP seconion.netlab.local >
                                                     WinOS.netlab.local: ICMP seconion.netlab.local udp port 56178 unreachable, length 76
01:51:04.612475 IP seconion.netlab.local >
                                                     WinOS.netlab.local: ICMP seconion.netlab.local udp port 56178 unreachable, length 76
01:51:12.784805 IP seconion.netlab.local > WinOS.netlab.local: ICMP seconion.netlab.local udp port 38057 unreachable, length 76
01:51:12.785103 IP seconion.netlab.local > WinOS.netlab.local: ICMP seconion.netlab.local udp port 38057 unreachable, length 76
01:51:13.687547 IP seconion.netlab.local > WinOS.netlab.local: ICMP seconion.netlab.local udp port 37199 unreachable, length 77
01:51:21.846520 IP seconion.netlab.local > WinOS.netlab.local: ICMP seconion.netlab.local udp port 42349 unreachable, length 76 01:51:21.846564 IP seconion.netlab.local > WinOS.netlab.local: ICMP seconion.netlab.local udp port 42349 unreachable, length 76
```

Ston 24.

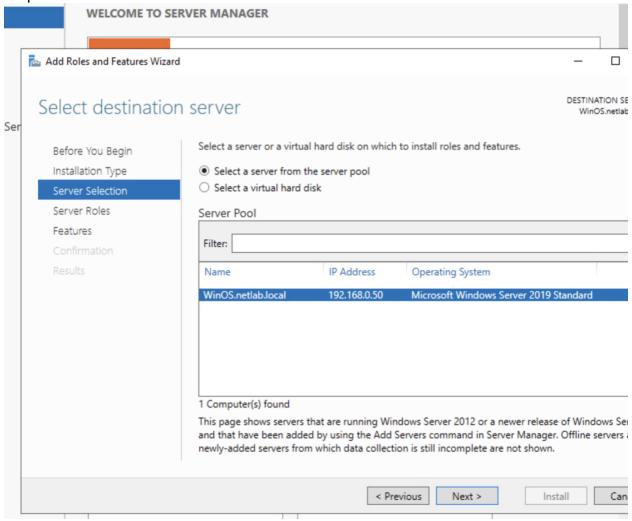
Step 2	4 .																										
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File	Edi	t V	iew	G	0	Capt	ture	A	naly	ze	Sta	tisti	cs	Tel	leph	ony	Тоо	ls	Inte	ernals	Н	elp					
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Filter	:															-	Exp	res	sion	Cl	ear	App	oly S	ave			
No.		Tin	ne			Sou	rce						Des	tina	tion				Pr	otoc	Le	ngt	Info				II
	1	0			1	92.	168	.0.	1			1	92.	168	.0.	50			IC	MP		98	Echo	(pi	.ng)	rε	
	2	0			1	92.	168	.0.	50			1	92.	168	.0.	1			IC	MP		98	Echo	(pi	.ng)	rε	Ĭ.
	3	1			1	92.	168	.0.	1			1	92.	168	.0.	50			IC	MP		98	Echo	(pi	ng)	rε	ŀ
	4	1			1	92.	168	.0.	50			1	92.	168	.0.	1			IC	MP		98	Echo	(pi	.ng)	rε	ŀ
	5	2			1	92.	168	.0.	1			1	92.	168	.0.	50			IC	MP			Echo				
	6	_			1	92.	168	.0.	50			1	92.	168	.0.	1			IC	MP		98	Echo	(pi	.ng)	rε	ľ
	7						168								.0.				IC				Echo	٠,	0,		٠.
	8	_					168								.0.	_			IC				Echo		0,		
	9						168								.0.				IC				Echo	٠,	0,		
	10	-					168								.0.				IC	MP			Echo		0,		
	11						168								.0.				IC				Echo	٠.	0,		
	12	5			1	92.	168	. 0 .	50			1	92.	168	.0.	1	_		TCI	MP		98	Echo	(ni	na)	re	T
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1.2:

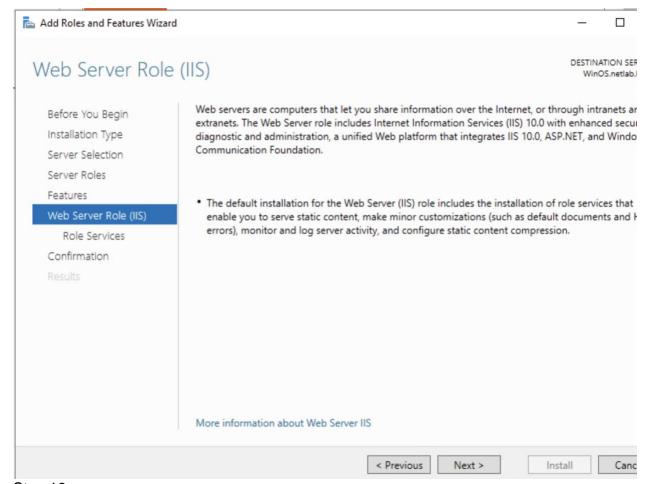
Step 9:				
112.11.011	CCITO	02.72.40.11.00.01	0	GOORGIO
172.17.0.5	ether	02:42:ac:11:00:05	С	docker0
192.168.0.50	ether	00:50:56:92:68:50	C	ens160
172.17.0.29	ether	02:42:ac:11:00:1d	C	docker0
172.17.0.27	ether	02:42:ac:11:00:1b	С	docker0
172.17.0.25	ether	02:42:ac:11:00:19	C	docker0
192.168.0.1	ether	00:50:56:92:68:01	C	ens160
172.17.0.14	ether	02:42:ac:11:00:0e	С	docker0
172.17.0.21	ether	02:42:ac:11:00:15	С	docker0
172.17.0.12	ether	02:42:ac:11:00:0c	C	docker0

2.1.1:

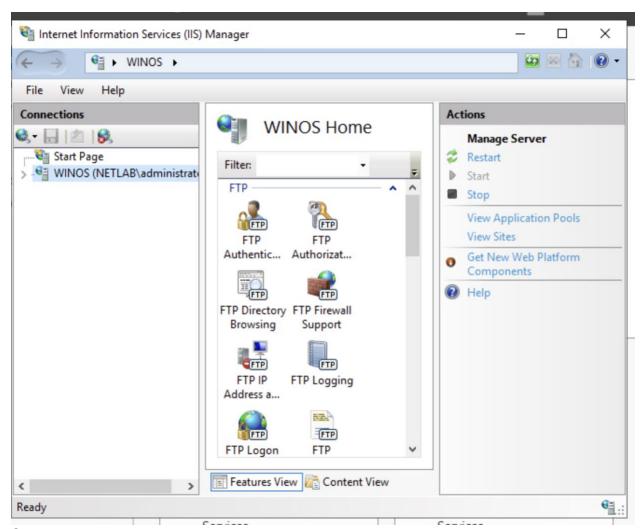




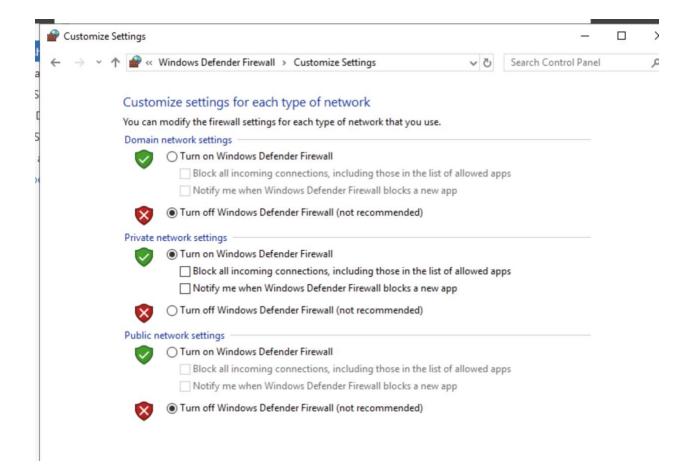
Step 11:



Step 16:



Step 26:



2.1.2:

Step 6:

								ocke
No.		Time	Source	Destination	Protoc	Lengt	Info	ocke
	44	15.04666192	192.168.0.50	192.168.0.1	FTP	81	Response: 22	⁰ Mock€
	88	28.90746307	192.168.0.1	192.168.0.50	FTP	70	Request: USE	R apcke
	89	28.90775021	192.168.0.50	192.168.0.1	FTP	126	Response: 33	1 Apcke
	103	32.90944293	192.168.0.1	192.168.0.50	FTP		Request: PAS	
	104	32.91183842	192.168.0.50	192.168.0.1	FTP	75	Response: 23	O UDCKE
	106	32.91210461	192.168.0.1	192.168.0.50	FTP	60	Request: SYS	T DCKE
	107	32.91226598	192.168.0.50	192.168.0.1	FTP	70	Response: 21	5 Whs16
	190	60.25142544	192.168.0.1	192.168.0.50	FTP	60	Request: QUI	
	191	60.25181985	192.168.0.50	192.168.0.1	FTP	68	Response: 22	
								ocke

2.2: Step 4:

```
(kali@kali)-[~]
$ sftp sysadmin@172.16.1.10
The authenticity of host '172.16.1.10 (172.16.1.10)' can't be established.
ECDSA key fingerprint is SHA256:Q/tBtXJLxJyOgvr6JheGkrFVSAUoEYYubMgwCPGDhW0.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '172.16.1.10' (ECDSA) to the list of known hosts.
sysadmin@172.16.1.10's password:
Connected to 172.16.1.10.
sftp>
```

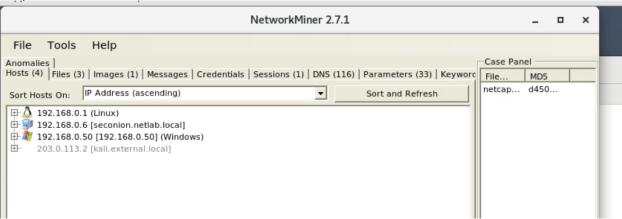
Step 8:

			sysadmin(@seconion:~	
File Edit View Search Te	rminal He	lp			
172.17.0.13	ether	02:42:ac:11:00:0d	С	docker0	
172.17.0.16	ether	02:42:ac:11:00:10	C	docker0	
172.17.0.11	ether	02:42:ac:11:00:0b	C	docker0	
172.17.0.9	ether	02:42:ac:11:00:09	C	docker0	
172.17.0.7	ether	02:42:ac:11:00:07	C	docker0	
172.17.0.5	ether	02:42:ac:11:00:05	C	docker0	
192.168.0.50	ether	00:50:56:92:68:50	C	ens160	
172.17.0.29	ether	02:42:ac:11:00:1d	C	docker0	
172.17.0.27	ether	02:42:ac:11:00:1b	C	docker0	
172.17.0.25	ether	02:42:ac:11:00:19	C	docker0	
192.168.0.1	ether	00:50:56:92:68:01	C	ens160	
172.17.0.14	ether	02:42:ac:11:00:0e	C	docker0	
172.17.0.21	ether	02:42:ac:11:00:15	C	docker0	
172.17.0.12	ether	02:42:ac:11:00:0c	C	docker0	
172.17.0.19	ether	02:42:ac:11:00:13	C	docker0	
172.17.0.10	ether	02:42:ac:11:00:0a	C	docker0	
172.17.0.17	ether	02:42:ac:11:00:11	C	docker0	
172.17.0.6	ether	02:42:ac:11:00:06	C	docker0	
172.17.0.4	ether	02:42:ac:11:00:04	C	docker0	
172.17.0.30	ether	02:42:ac:11:00:1e	С	docker0	
172.17.0.28	ether	02:42:ac:11:00:1c	С	docker0	
[sysadmin@seconion ~]\$	sudo wir	eshark			
[sudo] password for sys	admin:				
[sysadmin@seconion ~]\$					

3.1: Step 2:



3.2: Step 3:



Step 5:



Commentary:

In this lab many different things to capture internet traffic and parse it for good information. We setup an FTP server and examined the packets when a user connects, and with SFTP as well. I learned that learning to monitor network traffic is vital to knowing what's going on and who's doing what. Knowing this information, companies should monitor their own networks and train employees on how to use tools like Wireshark.