

PROGRAMME DESS EN TECHNOLOGIE DE L'INFORMATION

Concentration : Administration de base de données
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GESTION DES RISQUES INFORMATIQUES

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EXERCICES D'APPLICATION

netstat est un outil puissant pour surveiller les connexions réseau, les ports ouverts et les statistiques réseau. Voici des exercices pratiques avec corrections pour mieux comprendre son utilisation.

Taper la commande netstat help, pour découvrir le manuel sur netstat. Servez-vous de ce manuel pour répondre aux questions suivantes.

Voici les commandes **netstat** appropriées :

1. Lister toutes les connexions réseau actives

```
C:\Users\DELL E5400>netstat -a
```

Active Connections

Proto	Local Address	Foreign Address	State
TCP	0.0.0.0:135	DESKTOP-SF9KQ8C:0	LISTENING
TCP	0.0.0.0:445	DESKTOP-SF9KQ8C:0	LISTENING
TCP	0.0.0.0:5040	DESKTOP-SF9KQ8C:0	LISTENING
TCP	0.0.0.0:5357	DESKTOP-SF9KQ8C:0	LISTENING
TCP	0.0.0.0:7680	DESKTOP-SF9KQ8C:0	LISTENING
TCP	0.0.0.0:12345	DESKTOP-SF9KQ8C:0	LISTENING
TCP	0.0.0.0:20271	DESKTOP-SF9KQ8C:0	LISTENING
TCP	0.0.0.0:49664	DESKTOP-SF9KQ8C:0	LISTENING
TCP	0.0.0.0:49665	DESKTOP-SF9KQ8C:0	LISTENING
TCP	0.0.0.0:49666	DESKTOP-SF9KQ8C:0	LISTENING
TCP	0.0.0.0:49667	DESKTOP-SF9KQ8C:0	LISTENING
TCP	0.0.0.0:49668	DESKTOP-SF9KQ8C:0	LISTENING
TCP	0.0.0.0:49672	DESKTOP-SF9KQ8C:0	LISTENING
TCP	127.0.0.1:5354	DESKTOP-SF9KQ8C:0	LISTENING
TCP	127.0.0.1:5354	DESKTOP-SF9KQ8C:49670	ESTABLISHED
TCP	127.0.0.1:5354	DESKTOP-SF9KQ8C:49671	ESTABLISHED
TCP	127.0.0.1:27015	DESKTOP-SF9KQ8C:0	LISTENING
TCP	127.0.0.1:49670	DESKTOP-SF9KQ8C:5354	ESTABLISHED
TCP	127.0.0.1:49671	DESKTOP-SF9KQ8C:5354	ESTABLISHED
TCP	192.168.4.105:139	DESKTOP-SF9KQ8C:0	LISTENING
TCP	192.168.4.105:54498	13.107.246.254:https	CLOSE_WAIT
TCP	192.168.4.105:54505	ip241:https	ESTABLISHED
TCP	192.168.4.105:57635	20.190.152.22:https	TIME_WAIT
TCP	192.168.4.105:57636	20.190.152.22:https	TIME_WAIT
TCP	192.168.4.105:57639	52.111.227.28:https	ESTABLISHED
TCP	192.168.4.105:57640	52.109.6.63:https	TIME_WAIT

2. Identifier les connexions établies

Lister uniquement les connexions établies sur ta machine.

```
C:\Users\DELL E5400>netstat -an | findstr ESTABLISHED
```

TCP	127.0.0.1:5354	127.0.0.1:49670	ESTABLISHED
TCP	127.0.0.1:5354	127.0.0.1:49671	ESTABLISHED
TCP	127.0.0.1:49670	127.0.0.1:5354	ESTABLISHED
TCP	127.0.0.1:49671	127.0.0.1:5354	ESTABLISHED
TCP	192.168.4.105:57644	104.18.32.47:443	ESTABLISHED
TCP	192.168.4.105:57668	23.223.194.108:443	ESTABLISHED
TCP	192.168.4.105:57669	52.96.19.82:443	ESTABLISHED
TCP	192.168.4.105:57672	52.96.19.82:443	ESTABLISHED
TCP	192.168.4.105:57673	23.223.194.110:443	ESTABLISHED
TCP	192.168.4.105:57685	52.178.17.233:443	ESTABLISHED
TCP	192.168.4.105:57688	23.13.145.132:80	ESTABLISHED
TCP	192.168.4.105:57689	150.171.23.12:443	ESTABLISHED
TCP	192.168.4.105:57690	204.79.197.222:443	ESTABLISHED
TCP	192.168.4.105:57693	20.189.173.16:443	ESTABLISHED
TCP	192.168.4.105:57694	20.189.173.16:443	ESTABLISHED
TCP	192.168.4.105:57695	23.197.164.64:443	ESTABLISHED
TCP	192.168.4.105:57696	5.135.119.243:443	ESTABLISHED
TCP	192.168.4.105:57697	5.135.119.243:443	ESTABLISHED
TCP	192.168.4.105:57698	104.18.32.47:443	ESTABLISHED
TCP	192.168.4.105:58863	172.172.255.217:443	ESTABLISHED
TCP	192.168.4.105:60833	190.102.94.161:443	ESTABLISHED
TCP	192.168.4.105:60835	190.102.94.34:443	ESTABLISHED
TCP	192.168.4.105:60874	35.190.80.1:443	ESTABLISHED

3. Identifier les ports en écoute

Voir quels services écoutent les connexions entrantes sur ta machine.

```
C:\Users\DELL E5400>netstat -an | findstr LISTEN
TCP    0.0.0.0:135          0.0.0.0:0          LISTENING
TCP    0.0.0.0:445          0.0.0.0:0          LISTENING
TCP    0.0.0.0:5040         0.0.0.0:0          LISTENING
TCP    0.0.0.0:5357         0.0.0.0:0          LISTENING
TCP    0.0.0.0:7680         0.0.0.0:0          LISTENING
TCP    0.0.0.0:12345        0.0.0.0:0          LISTENING
TCP    0.0.0.0:20271        0.0.0.0:0          LISTENING
TCP    0.0.0.0:49664        0.0.0.0:0          LISTENING
TCP    0.0.0.0:49665        0.0.0.0:0          LISTENING
TCP    0.0.0.0:49666        0.0.0.0:0          LISTENING
TCP    0.0.0.0:49667        0.0.0.0:0          LISTENING
TCP    0.0.0.0:49668        0.0.0.0:0          LISTENING
TCP    0.0.0.0:49672        0.0.0.0:0          LISTENING
TCP    127.0.0.1:5354       0.0.0.0:0          LISTENING
TCP    127.0.0.1:27015      0.0.0.0:0          LISTENING
TCP    192.168.4.105:139    0.0.0.0:0          LISTENING
TCP    [::]:135             [::]:0             LISTENING
TCP    [::]:445             [::]:0             LISTENING
TCP    [::]:5357            [::]:0             LISTENING
TCP    [::]:7680            [::]:0             LISTENING
TCP    [::]:49664           [::]:0             LISTENING
TCP    [::]:49665           [::]:0             LISTENING
TCP    [::]:49666           [::]:0             LISTENING
TCP    [::]:49667           [::]:0             LISTENING
TCP    [::]:49668           [::]:0             LISTENING
TCP    [::]:49672           [::]:0             LISTENING
TCP    [::1]:49669          [::]:0             LISTENING
```

4. Afficher les connexions avec les noms des processus

Associer les connexions réseau aux processus en cours d'exécution.

```
C:\Users\DELL E5400>netstat -ano | findstr ESTABLISHED
TCP    127.0.0.1:5354        127.0.0.1:49670    ESTABLISHED    4692
TCP    127.0.0.1:5354        127.0.0.1:49671    ESTABLISHED    4692
TCP    127.0.0.1:49670       127.0.0.1:5354     ESTABLISHED    4716
TCP    127.0.0.1:49671       127.0.0.1:5354     ESTABLISHED    4716
TCP    192.168.235.105:57870 172.172.255.216:443 ESTABLISHED    15652
TCP    192.168.235.105:57906 23.33.192.6:80      ESTABLISHED    4768
TCP    192.168.235.105:57920 20.42.65.94:443     ESTABLISHED    11832
TCP    192.168.235.105:57928 172.172.255.218:443 ESTABLISHED    5468
TCP    192.168.235.105:57932 190.102.94.161:443  ESTABLISHED    4768
TCP    192.168.235.105:57935 190.102.94.34:443   ESTABLISHED    4768
TCP    192.168.235.105:57939 172.64.155.209:443  ESTABLISHED    11832
TCP    192.168.235.105:57940 172.64.155.209:443  ESTABLISHED    11832
TCP    192.168.235.105:57941 13.54.184.52:443    ESTABLISHED    11832
TCP    192.168.235.105:57944 52.111.229.57:443   ESTABLISHED    11832
TCP    192.168.235.105:57945 23.204.115.77:443   ESTABLISHED    8264
```

5. Afficher les statistiques réseau

```
C:\Users\DELL E5400>netstat -s
```

IPv4 Statistics		IPv6 Statistics	
Packets Received	= 184171	Packets Received	= 149
Received Header Errors	= 0	Received Header Errors	= 0
Received Address Errors	= 0	Received Address Errors	= 0
Datagrams Forwarded	= 0		

Unknown Protocols Received	= 0	Datagrams Forwarded	= 0
Received Packets Discarded	= 849	Unknown Protocols Received	= 0
Received Packets Delivered	= 184097	Received Packets Discarded	= 0
Output Requests	= 143265	Received Packets Delivered	= 423
Routing Discards	= 0	Output Requests	= 507
Discarded Output Packets	= 247	Routing Discards	= 0
Output Packet No Route	= 15	Discarded Output Packets	= 0
Reassembly Required	= 0	Output Packet No Route	= 0
Reassembly Successful	= 0	Reassembly Required	= 0
Reassembly Failures	= 0	Reassembly Successful	= 0
Datagrams Successfully Fragmented	= 0	Reassembly Failures	= 0
Datagrams Failing Fragmentation	= 0	Datagrams Successfully Fragmented	= 0
Fragments Created	= 0	Datagrams Failing Fragmentation	= 0
		Fragments Created	= 0

ICMPv4 Statistics			ICMPv6 Statistics		
	Received	Sent		Received	Sent
Messages	76	372	Messages	0	25
Errors	0	0	Errors	0	0
Destination Unreachable	76	372	Destination Unreachable	0	0
Time Exceeded	0	0	Packet Too Big	0	0
Parameter Problems	0	0	Time Exceeded	0	0
Source Quenches	0	0	Parameter Problems	0	0
Redirects	0	0	Echos	0	0
Echo Replies	0	0	Echo Replies	0	0
Echos	0	0	MLD Queries	0	0
Timestamps	0	0	MLD Reports	0	0
Timestamp Replies	0	0	MLD Dones	0	0
Address Masks	0	0	Router Solicitations	0	15
Address Mask Replies	0	0	Router Advertisements	0	0
Router Solicitations	0	0	Neighbor Solicitations	0	5
Router Advertisements	0	0	Neighbor Advertisements	0	5
			Redirects	0	0
			Router Renumberings	0	0

TCP Statistics for IPv4		TCP Statistics for IPv6	
Active Opens	= 2296	Active Opens	= 12
Passive Opens	= 9	Passive Opens	= 8
Failed Connection Attempts	= 85	Failed Connection Attempts	= 4
Reset Connections	= 303	Reset Connections	= 0
Current Connections	= 23	Current Connections	= 0
Segments Received	= 149052	Segments Received	= 128
Segments Sent	= 110394	Segments Sent	= 120
Segments Retransmitted	= 5860	Segments Retransmitted	= 8

UDP Statistics for IPv4		UDP Statistics for IPv6	
Datagrams Received	= 33433	Datagrams Received	= 611
No Ports	= 802	No Ports	= 0
Receive Errors	= 0	Receive Errors	= 0
Datagrams Sent	= 24328	Datagrams Sent	= 369

6. Afficher la table de routage

```
C:\Users\DELL E5400>netstat -r
```

Interface List

```
7...e4 54 e8 13 af 07 .....Realtek PCIe GbE Family Controller
13...98 af 65 f5 8b 3e .....Microsoft Wi-Fi Direct Virtual Adapter #3
8...9a af 65 f5 8b 3d .....Microsoft Wi-Fi Direct Virtual Adapter #4
11...98 af 65 f5 8b 3d .....Intel(R) Wireless-AC 9560
4...98 af 65 f5 8b 41 .....Bluetooth Device (Personal Area Network) #2
1.....Software Loopback Interface 1
```

IPv4 Route Table

Active Routes:

Network Destination	Netmask	Gateway	Interface	Metric
0.0.0.0	0.0.0.0	192.168.235.56	192.168.235.105	55
127.0.0.0	255.0.0.0	On-link	127.0.0.1	331
127.0.0.1	255.255.255.255	On-link	127.0.0.1	331
127.255.255.255	255.255.255.255	On-link	127.0.0.1	331
192.168.235.0	255.255.255.0	On-link	192.168.235.105	311
192.168.235.105	255.255.255.255	On-link	192.168.235.105	311
192.168.235.255	255.255.255.255	On-link	192.168.235.105	311
224.0.0.0	240.0.0.0	On-link	127.0.0.1	331
224.0.0.0	240.0.0.0	On-link	192.168.235.105	311
255.255.255.255	255.255.255.255	On-link	127.0.0.1	331
255.255.255.255	255.255.255.255	On-link	192.168.235.105	311

Persistent Routes:

None

IPv6 Route Table

Active Routes:

If	Metric	Network Destination	Gateway
1	331	::1/128	On-link
11	311	fe80::/64	On-link
11	311	fe80::9dd4:8440:f54c:f58e/128	On-link
1	331	ff00::/8	On-link
11	311	ff00::/8	On-link

Persistent Routes:

None

7. Actualiser l'affichage en temps réel

```
C:\Users\DELL E5400>netstat -an 5
```

Active Connections

Proto	Local Address	Foreign Address	State
TCP	0.0.0.0:135	0.0.0.0:0	LISTENING
TCP	0.0.0.0:445	0.0.0.0:0	LISTENING
TCP	0.0.0.0:5040	0.0.0.0:0	LISTENING
TCP	0.0.0.0:5357	0.0.0.0:0	LISTENING
TCP	0.0.0.0:7680	0.0.0.0:0	LISTENING
TCP	0.0.0.0:12345	0.0.0.0:0	LISTENING
TCP	0.0.0.0:20271	0.0.0.0:0	LISTENING
TCP	0.0.0.0:49664	0.0.0.0:0	LISTENING
TCP	0.0.0.0:49665	0.0.0.0:0	LISTENING
TCP	0.0.0.0:49666	0.0.0.0:0	LISTENING
TCP	0.0.0.0:49667	0.0.0.0:0	LISTENING
TCP	0.0.0.0:49668	0.0.0.0:0	LISTENING
TCP	0.0.0.0:49672	0.0.0.0:0	LISTENING
TCP	127.0.0.1:5354	0.0.0.0:0	LISTENING

TCP	127.0.0.1:5354	127.0.0.1:49670	ESTABLISHED
TCP	127.0.0.1:5354	127.0.0.1:49671	ESTABLISHED
TCP	127.0.0.1:27015	0.0.0.0:0	LISTENING
TCP	127.0.0.1:49670	127.0.0.1:5354	ESTABLISHED
TCP	127.0.0.1:49671	127.0.0.1:5354	ESTABLISHED
TCP	192.168.235.105:139	0.0.0.0:0	LISTENING
TCP	192.168.235.105:57182	8.243.166.77:80	ESTABLISHED
TCP	192.168.235.105:57218	8.243.166.79:80	ESTABLISHED
TCP	192.168.235.105:57219	172.64.155.209:443	TIME_WAIT
TCP	192.168.235.105:57222	190.102.94.34:443	ESTABLISHED
TCP	192.168.235.105:57223	190.102.94.161:443	ESTABLISHED
TCP	192.168.235.105:57224	31.13.67.52:443	CLOSE_WAIT
TCP	192.168.235.105:57225	31.13.65.49:443	CLOSE_WAIT
TCP	192.168.235.105:57226	157.240.14.52:443	CLOSE_WAIT
TCP	192.168.235.105:57227	57.144.163.32:443	CLOSE_WAIT
TCP	192.168.235.105:57228	31.13.67.52:443	CLOSE_WAIT
TCP	192.168.235.105:57230	8.243.166.83:80	ESTABLISHED
TCP	192.168.235.105:57233	13.74.186.119:443	ESTABLISHED
TCP	192.168.235.105:57234	23.201.89.168:443	ESTABLISHED
TCP	192.168.235.105:57235	52.182.143.208:443	ESTABLISHED
TCP	192.168.235.105:57236	172.64.155.209:443	ESTABLISHED
TCP	192.168.235.105:57237	104.18.32.47:443	ESTABLISHED
TCP	192.168.235.105:57238	23.223.194.110:443	CLOSE_WAIT
TCP	192.168.235.105:57239	150.171.28.12:443	ESTABLISHED
TCP	192.168.235.105:57240	23.58.245.179:80	ESTABLISHED
TCP	192.168.235.105:57870	172.172.255.216:443	ESTABLISHED
TCP	192.168.235.105:57928	172.172.255.218:443	ESTABLISHED
TCP	[::]:135	[::]:0	LISTENING
TCP	[::]:445	[::]:0	LISTENING
TCP	[::]:5357	[::]:0	LISTENING
TCP	[::]:7680	[::]:0	LISTENING
TCP	[::]:49664	[::]:0	LISTENING
TCP	[::]:49665	[::]:0	LISTENING
TCP	[::]:49666	[::]:0	LISTENING
TCP	[::]:49667	[::]:0	LISTENING
TCP	[::]:49668	[::]:0	LISTENING
TCP	[::]:49672	[::]:0	LISTENING
TCP	[::1]:49669	[::]:0	LISTENING
UDP	0.0.0.0:3702	*:*	
UDP	0.0.0.0:3702	*:*	
UDP	0.0.0.0:3702	*:*	
UDP	0.0.0.0:3702	*:*	
UDP	0.0.0.0:5050	*:*	
UDP	0.0.0.0:5353	*:*	
UDP	0.0.0.0:5353	*:*	
UDP	0.0.0.0:5353	*:*	
UDP	0.0.0.0:5355	*:*	
UDP	0.0.0.0:49665	*:*	
UDP	0.0.0.0:54597	*:*	
UDP	0.0.0.0:58020	*:*	
UDP	0.0.0.0:62793	*:*	
UDP	127.0.0.1:1900	*:*	
UDP	127.0.0.1:49664	*:*	
UDP	127.0.0.1:49669	*:*	
UDP	127.0.0.1:49670	*:*	
UDP	127.0.0.1:57500	*:*	
UDP	192.168.235.105:137	*:*	
UDP	192.168.235.105:138	*:*	
UDP	192.168.235.105:1900	*:*	
UDP	192.168.235.105:5353	*:*	
UDP	192.168.235.105:57499	*:*	
UDP	[::]:3702	*:*	
UDP	[::]:3702	*:*	
UDP	[::]:3702	*:*	
UDP	[::]:3702	*:*	
UDP	[::]:5353	*:*	
UDP	[::]:5353	*:*	
UDP	[::]:5355	*:*	

```

UDP      [::]:49666          *: *
UDP      [::]:54598          *: *
UDP      [::]:58021          *: *
UDP      [::1]:1900          *: *
UDP      [::1]:5353          *: *
UDP      [::1]:57498          *: *
UDP      [fe80::9dd4:8440:f54c:f58e%11]:1900  *: *
UDP      [fe80::9dd4:8440:f54c:f58e%11]:57497  *: *

```

Active Connections

Proto	Local Address	Foreign Address	State
TCP	0.0.0.0:135	0.0.0.0:0	LISTENING
TCP	0.0.0.0:445	0.0.0.0:0	LISTENING
TCP	0.0.0.0:5040	0.0.0.0:0	LISTENING
TCP	0.0.0.0:5357	0.0.0.0:0	LISTENING
TCP	0.0.0.0:7680	0.0.0.0:0	LISTENING
TCP	0.0.0.0:12345	0.0.0.0:0	LISTENING
TCP	0.0.0.0:20271	0.0.0.0:0	LISTENING
TCP	0.0.0.0:49664	0.0.0.0:0	LISTENING
TCP	0.0.0.0:49665	0.0.0.0:0	LISTENING
TCP	0.0.0.0:49666	0.0.0.0:0	LISTENING
TCP	0.0.0.0:49667	0.0.0.0:0	LISTENING
TCP	0.0.0.0:49668	0.0.0.0:0	LISTENING
TCP	0.0.0.0:49672	0.0.0.0:0	LISTENING
TCP	127.0.0.1:5354	0.0.0.0:0	LISTENING
TCP	127.0.0.1:5354	127.0.0.1:49670	ESTABLISHED
TCP	127.0.0.1:5354	127.0.0.1:49671	ESTABLISHED
TCP	127.0.0.1:27015	0.0.0.0:0	LISTENING
TCP	127.0.0.1:49670	127.0.0.1:5354	ESTABLISHED
TCP	127.0.0.1:49671	127.0.0.1:5354	ESTABLISHED
TCP	192.168.235.105:139	0.0.0.0:0	LISTENING
TCP	192.168.235.105:57182	8.243.166.77:80	ESTABLISHED
TCP	192.168.235.105:57218	8.243.166.79:80	ESTABLISHED
TCP	192.168.235.105:57219	172.64.155.209:443	TIME_WAIT
TCP	192.168.235.105:57222	190.102.94.34:443	ESTABLISHED
TCP	192.168.235.105:57223	190.102.94.161:443	ESTABLISHED
TCP	192.168.235.105:57224	31.13.67.52:443	CLOSE_WAIT
TCP	192.168.235.105:57225	31.13.65.49:443	CLOSE_WAIT
TCP	192.168.235.105:57226	157.240.14.52:443	CLOSE_WAIT
TCP	192.168.235.105:57227	57.144.163.32:443	CLOSE_WAIT
TCP	192.168.235.105:57228	31.13.67.52:443	CLOSE_WAIT
TCP	192.168.235.105:57230	8.243.166.83:80	ESTABLISHED
TCP	192.168.235.105:57233	13.74.186.119:443	ESTABLISHED
TCP	192.168.235.105:57234	23.201.89.168:443	ESTABLISHED
TCP	192.168.235.105:57235	52.182.143.208:443	ESTABLISHED
TCP	192.168.235.105:57236	172.64.155.209:443	ESTABLISHED
TCP	192.168.235.105:57237	104.18.32.47:443	ESTABLISHED
TCP	192.168.235.105:57238	23.223.194.110:443	CLOSE_WAIT
TCP	192.168.235.105:57239	150.171.28.12:443	ESTABLISHED
TCP	192.168.235.105:57240	23.58.245.179:80	ESTABLISHED
TCP	192.168.235.105:57870	172.172.255.216:443	ESTABLISHED
TCP	192.168.235.105:57928	172.172.255.218:443	ESTABLISHED
TCP	[::]:135	[::]:0	LISTENING
TCP	[::]:445	[::]:0	LISTENING
TCP	[::]:5357	[::]:0	LISTENING
TCP	[::]:7680	[::]:0	LISTENING
TCP	[::]:49664	[::]:0	LISTENING
TCP	[::]:49665	[::]:0	LISTENING
TCP	[::]:49666	[::]:0	LISTENING
TCP	[::]:49667	[::]:0	LISTENING
TCP	[::]:49668	[::]:0	LISTENING
TCP	[::]:49672	[::]:0	LISTENING
TCP	[::1]:49669	[::]:0	LISTENING
UDP	0.0.0.0:3702	*: *	
UDP	0.0.0.0:3702	*: *	
UDP	0.0.0.0:3702	*: *	
UDP	0.0.0.0:3702	*: *	

```

UDP      0.0.0.0:5050          *: *
UDP      0.0.0.0:5353          *: *
UDP      0.0.0.0:5353          *: *
UDP      0.0.0.0:5353          *: *
UDP      0.0.0.0:5355          *: *
UDP      0.0.0.0:49665        *: *
UDP      0.0.0.0:54597        *: *
UDP      0.0.0.0:58020        *: *
UDP      0.0.0.0:61784        *: *
UDP      0.0.0.0:62793        *: *
UDP      127.0.0.1:1900        *: *
UDP      127.0.0.1:49664        *: *
UDP      127.0.0.1:49669        *: *
UDP      127.0.0.1:49670        *: *
UDP      127.0.0.1:57500        *: *
UDP      192.168.235.105:137    *: *
UDP      192.168.235.105:138    *: *
UDP      192.168.235.105:1900    *: *
UDP      192.168.235.105:5353    *: *
UDP      192.168.235.105:57499    *: *
UDP      [::]:3702             *: *
UDP      [::]:3702             *: *
UDP      [::]:3702             *: *
UDP      [::]:3702             *: *
UDP      [::]:5353             *: *
UDP      [::]:5353             *: *
UDP      [::]:5355             *: *
UDP      [::]:49666             *: *
UDP      [::]:54598             *: *
UDP      [::]:58021             *: *
UDP      [::1]:1900            *: *
UDP      [::1]:5353            *: *
UDP      [::1]:57498            *: *
UDP      [fe80::9dd4:8440:f54c:f58e%11]:1900 *: *
UDP      [fe80::9dd4:8440:f54c:f58e%11]:57497 *: *

```

8. Lister les connexions réseau et exporter les résultats

```
C:\Users\DELL E5400>netstat -an | rapport_netstat.txt
```

9. Trouver la connexion réseau la plus active

```
C:\Users\DELL E5400>netstat -e | trafic.txt
```

10. Trouver si une machine du réseau envoie trop de requêtes

```

C:\Users\DELL E5400>netstat -ano | findstr :80 | findstr ESTABLISHED
TCP      192.168.4.105:59644        23.202.74.187:80          ESTABLISHED      7860
TCP      192.168.4.105:59645        23.202.74.187:80          ESTABLISHED      7860
TCP      192.168.4.105:59655        23.223.194.238:80          ESTABLISHED      11072
TCP      192.168.4.105:59656        23.223.194.238:80          ESTABLISHED      11072
TCP      192.168.4.105:59657        23.223.194.238:80          ESTABLISHED      13172
TCP      192.168.4.105:59659        23.223.194.238:80          ESTABLISHED      8216
TCP      192.168.4.105:59661        23.223.194.238:80          ESTABLISHED      13548
TCP      192.168.4.105:59663        23.33.192.6:80            ESTABLISHED      13548
TCP      192.168.4.105:59680        23.33.192.6:80            ESTABLISHED      9524
TCP      192.168.4.105:59699        31.13.67.53:80            ESTABLISHED      9068

```

Puis identifier les IP concernées avec :

```

C:\Users\DELL E5400>netstat -an | findstr 23.223.194.238
TCP      192.168.4.105:59656        23.223.194.238:80          ESTABLISHED.

```