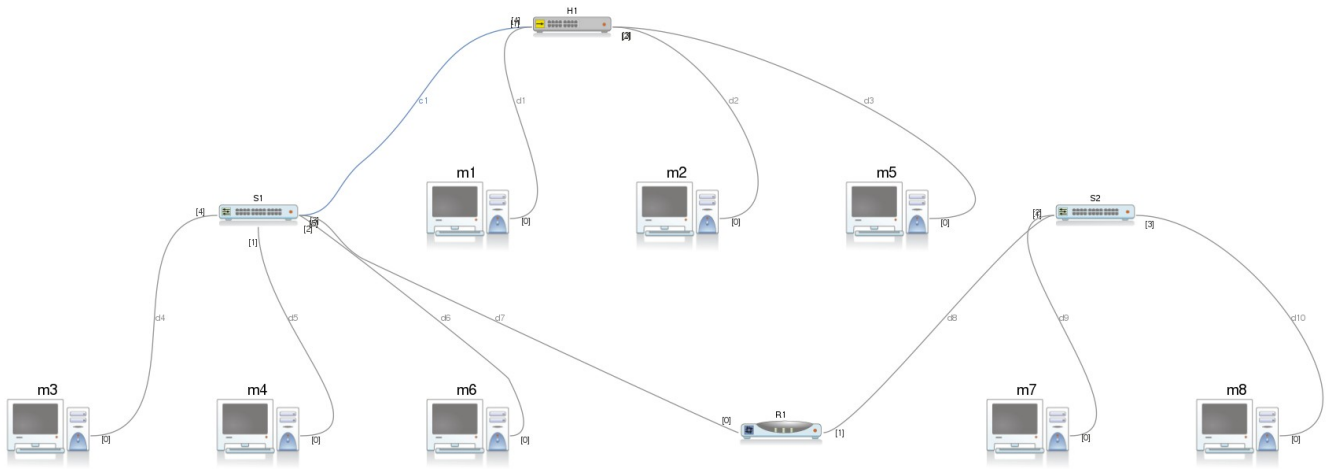


Capture d'écran du réseau déployé :



Question 4 :

```
m3 (machine-debian-lenny-sid-2008) - □ ×
m3:~# tshark -i eth0
Running as user "root" and group "root". This could be dangerous.
Capturing on eth0
device eth0 entered promiscuous mode
0.000000 BbnInter_a4:b9:d9 -> Broadcast ARP Who has 192.168.1.42? Tell 192.168.1.1
1.004251 BbnInter_a4:b9:d9 -> Broadcast ARP Who has 192.168.1.42? Tell 192.168.1.1
1.998669 BbnInter_a4:b9:d9 -> Broadcast ARP Who has 192.168.1.42? Tell 192.168.1.1
3.024944 BbnInter_a4:b9:d9 -> Broadcast ARP Who has 192.168.1.42? Tell 192.168.1.1
3.416958 BbnInter_a4:b9:d9 -> Broadcast AoE Query Config Information Request
4.021437 BbnInter_a4:b9:d9 -> Broadcast ARP Who has 192.168.1.42? Tell 192.168.1.1
4.567365 BbnInter_e5:39:9e -> Broadcast AoE Query Config Information Request
5.025512 BbnInter_a4:b9:d9 -> Broadcast ARP Who has 192.168.1.42? Tell 192.168.1.1
5.628996 BbnInter_14:c1:d4 -> Broadcast AoE Query Config Information Request
6.800462 BbnInter_24:76:16 -> Broadcast AoE Query Config Information Request
device eth0 left promiscuous mode
10 packets captured
m3:~#
```

```
m1 (machine-debian-lenny-sid-2008) - □ ×
m1 login: root
Password:
Last login: Mon Jul 28 10:34:54 CEST 2008 on ttyS0
Linux m1 2.6.18 #2 Fri Jun 22 15:24:51 CEST 2007 i686

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
m1:~# ping 192.168.1.42
connect: Network is unreachable
m1:~# ping 192.168.1.42
PING 192.168.1.42 (192.168.1.42) 56(84) bytes of data.
From 192.168.1.1 icmp_seq=1 Destination Host Unreachable
From 192.168.1.1 icmp_seq=2 Destination Host Unreachable
From 192.168.1.1 icmp_seq=3 Destination Host Unreachable

--- 192.168.1.42 ping statistics ---
5 packets transmitted, 0 received, +3 errors, 100% packet loss, time 4031ms
/ pipe 3
m1:~#
```

Question 5 :

```
m3 (machine-debian-lenny-sid-2008) - □ ×
m3:~# tshark -i eth0
Running as user "root" and group "root". This could be dangerous.
Capturing on eth0
device eth0 entered promiscuous mode
device eth0 left promiscuous mode
0 packets captured
m3:~#
```

```
m1 (machine-debian-lenny-sid-2008) - □ ×
m1:~# ping 192.168.42.42
connect: Network is unreachable
m1:~#
```

Question 6 :

```
m1 (machine-debian-lenny-sid-2008) - □ ×
m1:~# ping 192.168.42.42
connect: Network is unreachable
m1:~#

m5 (machine-debian-lenny-sid-2008) - □ ×
m5:~# tshark -i eth0
Running as user "root" and group "root". This could be dangerous.
Capturing on eth0
device eth0 entered promiscuous mode
0.000000 BbInter_14:c1:d4 -> Broadcast      AoE Query Config Information Request
1.174908 BbInter_24:76:16 -> Broadcast      AoE Query Config Information Request
2.506189 BbInter_b6:d1:fa -> Broadcast      AoE Query Config Information Request
3.849134 BbInter_0d:d0:87 -> Broadcast      AoE Query Config Information Request
7.046250 BbInter_6f:31:8e -> Broadcast      AoE Query Config Information Request

m3 (machine-debian-lenny-sid-2008) - □ ×
Capturing on eth0
device eth0 entered promiscuous mode
device eth0 left promiscuous mode
0 packets captured
m3:~# tshark -i eth0
Running as user "root" and group "root". This could be dangerous.
Capturing on eth0
device eth0 entered promiscuous mode
0.000000 BbInter_a4:b9:d9 -> Broadcast      AoE Query Config Information Request
1.141978 BbInter_e5:39:9e -> Broadcast      AoE Query Config Information Request
2.195622 BbInter_14:c1:d4 -> Broadcast      AoE Query Config Information Request
3.370980 BbInter_24:76:16 -> Broadcast      AoE Query Config Information Request
4.701914 BbInter_b6:d1:fa -> Broadcast      AoE Query Config Information Request
6.045108 BbInter_0d:d0:87 -> Broadcast      AoE Query Config Information Request
9.242200 BbInter_6f:31:8e -> Broadcast      AoE Query Config Information Request
```

Question 7 :

```
m1 (machine-debian-lenny-sid-2008) - □ ×
m1:~# ping 192.168.1.2
PING 192.168.1.2 (192.168.1.2) 56(84) bytes of data,
64 bytes from 192.168.1.2: icmp_seq=1 ttl=64 time=20.6 ms
64 bytes from 192.168.1.2: icmp_seq=2 ttl=64 time=0.495 ms
64 bytes from 192.168.1.2: icmp_seq=3 ttl=64 time=0.371 ms
64 bytes from 192.168.1.2: icmp_seq=4 ttl=64 time=0.455 ms
64 bytes from 192.168.1.2: icmp_seq=5 ttl=64 time=0.551 ms
--- 192.168.1.2 ping statistics ---
5 packets transmitted, 5 received, 0% packet loss, time 4042ms
rtt min/avg/max/mdev = 0.371/4.511/20.586/8.087 ms
m1:~#

m3 (machine-debian-lenny-sid-2008) - □ ×
m3:~# tshark -i eth0
Running as user "root" and group "root". This could be dangerous.
Capturing on eth0
device eth0 entered promiscuous mode
0.000000 BbInter_a4:b9:d9 -> Broadcast      AoE Query Config Information Request
1.149319 BbInter_e5:39:9e -> Broadcast      AoE Query Config Information Request
1.421434 BbInter_a4:b9:d9 -> Broadcast      ARP Who has 192.168.1.2? Tell 192.168.1.1
2.206339 BbInter_14:c1:d4 -> Broadcast      AoE Query Config Information Request
3.377477 BbInter_24:76:16 -> Broadcast      AoE Query Config Information Request
4.743942 BbInter_b6:d1:fa -> Broadcast      AoE Query Config Information Request
6.065024 BbInter_0d:d0:87 -> Broadcast      AoE Query Config Information Request
9.247135 BbInter_6f:31:8e -> Broadcast      AoE Query Config Information Request

m5 (machine-debian-lenny-sid-2008) - □ ×
m5:~# tshark -i eth0
Running as user "root" and group "root". This could be dangerous.
Capturing on eth0
device eth0 entered promiscuous mode
0.000000 BbInter_e5:39:9e -> Broadcast      AoE Query Config Information Request
0.272080 BbInter_a4:b9:d9 -> Broadcast      ARP Who has 192.168.1.2? Tell 192.168.1.1
0.272267 BbInter_e5:39:9e -> BbInter_a4:b9:d9 ARP 192.168.1.2 is at 02:04:06:e5:39:9e
0.272342 192.168.1.1 -> 192.168.1.2 ICMP Echo (ping) request
0.272438 192.168.1.2 -> 192.168.1.1 ICMP Echo (ping) reply
1.067632 BbInter_14:c1:d4 -> Broadcast      AoE Query Config Information Request
1.265589 192.168.1.1 -> 192.168.1.2 ICMP Echo (ping) request
1.265783 192.168.1.2 -> 192.168.1.1 ICMP Echo (ping) reply
2.228464 BbInter_24:76:16 -> Broadcast      AoE Query Config Information Request
2.274911 192.168.1.1 -> 192.168.1.2 ICMP Echo (ping) request
2.275017 192.168.1.2 -> 192.168.1.1 ICMP Echo (ping) reply
3.281149 192.168.1.1 -> 192.168.1.2 ICMP Echo (ping) request
3.281328 192.168.1.2 -> 192.168.1.1 ICMP Echo (ping) reply
3.965440 BbInter_b6:d1:fa -> Broadcast      AoE Query Config Information Request
4.294465 192.168.1.1 -> 192.168.1.2 ICMP Echo (ping) request
4.294713 192.168.1.2 -> 192.168.1.1 ICMP Echo (ping) reply
4.906046 BbInter_0d:d0:87 -> Broadcast      AoE Query Config Information Request
5.279183 BbInter_e5:39:9e -> BbInter_a4:b9:d9 ARP Who has 192.168.1.1? Tell 192.168.1.1
5.279637 BbInter_a4:b9:d9 -> BbInter_e5:39:9e ARP 192.168.1.1 is at 02:04:06:a4:b9:d9
8.098407 BbInter_6f:31:8e -> Broadcast      AoE Query Config Information Request
```

Question 8 :

```
m2 (machine-debian-lenny-sid-2008) - □ ×
m2:~# ping 192.168.1.6
PING 192.168.1.6 (192.168.1.6) 56(84) bytes of data,
64 bytes from 192.168.1.6: icmp_seq=1 ttl=64 time=22.8 ms
64 bytes from 192.168.1.6: icmp_seq=2 ttl=64 time=1.09 ms
64 bytes from 192.168.1.6: icmp_seq=3 ttl=64 time=1.51 ms
64 bytes from 192.168.1.6: icmp_seq=4 ttl=64 time=1.38 ms
--- 192.168.1.6 ping statistics ---
4 packets transmitted, 4 received, 0% packet loss, time 3031ms
rtt min/avg/max/mdev = 1.093/6.704/22.827/9.309 ms
m2:~#

m3 (machine-debian-lenny-sid-2008) - □ ×
m3:~# tshark -i eth0
Running as user "root" and group "root". This could be dangerous.
Capturing on eth0
device eth0 entered promiscuous mode
0.000000 BbInter_6f:31:8e -> Broadcast      AoE Query Config Information Request
40.344101 BbInter_e5:39:9e -> Broadcast      ARP Who has 192.168.1.6? Tell 192.168.1.2
42.349238 192.168.1.2 -> 192.168.1.6 ICMP Echo (ping) request
50.745511 BbInter_a4:b9:d9 -> Broadcast      AoE Query Config Information Request
51.885779 BbInter_e5:39:9e -> Broadcast      AoE Query Config Information Request
52.954033 BbInter_14:c1:d4 -> Broadcast      AoE Query Config Information Request
54.128160 BbInter_24:76:16 -> Broadcast      AoE Query Config Information Request
55.468311 BbInter_b6:d1:fa -> Broadcast      AoE Query Config Information Request
56.805582 BbInter_0d:d0:87 -> Broadcast      AoE Query Config Information Request
59.398970 BbInter_6f:31:8e -> Broadcast      AoE Query Config Information Request

m5 (machine-debian-lenny-sid-2008) - □ ×
m5:~# tshark -i eth0
Running as user "root" and group "root". This could be dangerous.
Capturing on eth0
device eth0 entered promiscuous mode
0.000000 BbInter_e5:39:9e -> Broadcast      ARP Who has 192.168.1.6? Tell 192.168.1.2
0.000604 BbInter_0d:d0:87 -> BbInter_e5:39:9e ARP 192.168.1.6 is at 02:04:06:d0:d0:87
0.001633 192.168.1.2 -> 192.168.1.6 ICMP Echo (ping) request
0.002097 192.168.1.6 -> 192.168.1.2 ICMP Echo (ping) reply
0.980935 192.168.1.2 -> 192.168.1.6 ICMP Echo (ping) request
0.988501 192.168.1.6 -> 192.168.1.2 ICMP Echo (ping) reply
2.004994 192.168.1.2 -> 192.168.1.6 ICMP Echo (ping) request
2.005742 192.168.1.6 -> 192.168.1.2 ICMP Echo (ping) reply
3.011792 192.168.1.2 -> 192.168.1.6 ICMP Echo (ping) request
3.012375 192.168.1.6 -> 192.168.1.2 ICMP Echo (ping) reply
5.003144 BbInter_0d:d0:87 -> BbInter_e5:39:9e ARP Who has 192.168.1.2? Tell 192.168.1.2
5.003270 BbInter_e5:39:9e -> BbInter_0d:d0:87 ARP 192.168.1.2 is at 02:04:06:e5:39:9e
10.405311 BbInter_a4:b9:d9 -> Broadcast      AoE Query Config Information Request
11.551633 BbInter_e5:39:9e -> Broadcast      AoE Query Config Information Request
12.610400 BbInter_14:c1:d4 -> Broadcast      AoE Query Config Information Request
13.784268 BbInter_24:76:16 -> Broadcast      AoE Query Config Information Request
15.123381 BbInter_b6:d1:fa -> Broadcast      AoE Query Config Information Request
16.461657 BbInter_0d:d0:87 -> Broadcast      AoE Query Config Information Request
19.659053 BbInter_6f:31:8e -> Broadcast      AoE Query Config Information Request
```