

Problème de performance réseau

Vérifier le mtu

```
for s in 1472 1452 1432 1412 1392 1372 1352; do echo -n "$s: "; ping -M do -s $s -c1 pbsh2.makeitsimple.be | tail -1; done
```

Si le MTU le plus haut est par exemple 1452, on configure l'interface avec 28 en plus (20 pour l'entête IP et 8 pour ICMP)

Vérifier le débit iperf

Côté serveur:

```
apt install iperf3
iperf3 -s
```

Côté client:

```
apt install iperf3
iperf3 -c pbsh1.makeitsimple.be -t 30
```

Vérifier les sauts/hops

```
mtr -rwzbc100 srvx.makeitsimple.be
Start: 2025-10-17T06:03:00+0200
HOST: pve-g2
Loss% Snt Last Avg Best Wrst StDev
 1. AS??? 10.22.0.1
0.0% 100 0.2 0.1 0.1 0.4 0.1
 2. AS??? 192.168.3.1
0.0% 100 0.3 0.3 0.2 0.5 0.1
 3. AS??? 10.133.114.1
0.0% 100 119.7 159.1 34.2 405.8 99.4
 4. AS12392 mx-far-1-ae7-0.voo.be (212.68.211.166)
0.0% 100 126.8 161.7 33.1 414.7 100.1
 5. AS47377 ptr-212-224-245-178.dyn.mobistar.be (212.224.245.178)
0.0% 100 133.8 163.0 34.9 411.5 103.4
 6. AS47377 ptr-212-224-245-177.dyn.mobistar.be (212.224.245.177)
28.0% 100 170.8 172.9 39.5 505.6 109.1
 7. AS5511 81.52.186.121
```

```
0.0% 100 128.8 165.3 41.2 446.1 105.1
8. AS5511 193.251.132.224
0.0% 100 133.7 173.5 40.0 424.2 103.9
9. AS1299 adm-b3-link.ip.twelve99.net (62.115.170.120)
0.0% 100 132.4 171.5 45.6 429.7 106.4
10. AS1299 adm-bb1-link.ip.twelve99.net (62.115.136.220)
0.0% 100 136.7 170.5 44.5 427.8 104.6
11. AS1299 hbg-bb3-link.ip.twelve99.net (80.91.252.43)
0.0% 100 148.2 179.1 51.9 440.7 103.4
12. AS1299 hbg-b2-link.ip.twelve99.net (62.115.120.71)
1.0% 100 147.8 179.0 58.3 444.4 100.4
13. AS1299 hetzner-ic-383975.ip.twelve99-cust.net (62.115.192.153)
1.0% 100 162.2 184.8 59.8 453.4 100.7
14. AS24940 core22.fsn1.hetzner.com (213.239.240.13)
1.0% 100 166.1 184.2 60.9 448.8 101.1
15. AS24940 ex9k1.dc4.fsn1.hetzner.com (213.239.254.178)
1.0% 100 164.2 184.0 39.7 430.2 100.6
16. AS24940 static.11.161.201.195.clients.your-server.de (195.201.161.11)
0.0% 100 172.9 182.8 42.2 411.3 100.1
```

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