MASTER

```
[root@pgpool ~]# /srv/psql/bin/pgbench -U postgres -j 2 -S -n -c 100 -T 10 -h
master test1
transaction type: SELECT only
scaling factor: 1
query mode: simple
number of clients: 100
inumber of threads: 2
duration: 10 s
number of transactions actually processed: 110665
tps = 11015.973036 (including connections establishing)
tps = 11228.780583 (excluding connections establishing)
```

PGPOOL

```
[root@pgpool ~]# /srv/psql/bin/pgbench -U postgres -j 2 -S -n -c 100 -T 10 test1
transaction type: SELECT only
scaling factor: 1
query mode: simple
number of clients: 100
number of threads: 2
duration: 10 s
number of transactions actually processed: 178898
tps = 17871.735250 (including connections establishing)
tps = 18297.637880 (excluding connections establishing)
```

Exemples de logs sur un des slave

```
2013-03-24 12:24:05 CET [19596]: [3305-1] user=postgres,db=test1 LOG:  duration:
0.503 ms  statement: SELECT abalance FROM pgbench_accounts WHERE aid = 45930;
2013-03-24 12:24:05 CET [19529]: [4227-1] user=postgres,db=test1 LOG:  duration:
0.117 ms  statement: SELECT abalance FROM pgbench_accounts WHERE aid = 2930;
2013-03-24 12:24:05 CET [19583]: [4154-1] user=postgres,db=test1 LOG:  duration:
0.143 ms  statement: SELECT abalance FROM pgbench_accounts WHERE aid = 48866;
2013-03-24 12:24:05 CET [19515]: [5429-1] user=postgres,db=test1 LOG:  duration:
0.111 ms  statement: SELECT abalance FROM pgbench_accounts WHERE aid = 93820;
2013-03-24 12:24:05 CET [19552]: [2480-1] user=postgres,db=test1 LOG:  duration:
0.127 ms  statement: SELECT abalance FROM pgbench_accounts WHERE aid = 10960;
2013-03-24 12:24:05 CET [19600]: [2747-1] user=postgres,db=test1 LOG:  duration:
0.117 ms  statement: SELECT abalance FROM pgbench_accounts WHERE aid = 18231;
2013-03-24 12:24:05 CET [19560]: [2469-1] user=postgres,db=test1 LOG:  duration:
0.107 ms  statement: SELECT abalance FROM pgbench_accounts WHERE aid = 8467;
```

Cache mémoire

Tir 1

```
[root@pgpool ~]# /srv/psql/bin/pgbench -U postgres -j 2 -S -n -c 1000 -T 10
test1
transaction type: SELECT only
scaling factor: 1
query mode: simple
number of clients: 1000
number of threads: 2
duration: 10 s
number of transactions actually processed: 21448
tps = 2048.037205 (including connections establishing)
tps = 3073.442273 (excluding connections establishing)
```

Tir 2

```
[root@pgpool ~]# /srv/psql/bin/pgbench -U postgres -j 2 -S -n -c 1000 -T 10
test1
transaction type: SELECT only
scaling factor: 1
query mode: simple
number of clients: 1000
number of threads: 2
duration: 10 s
number of transactions actually processed: 24217
tps = 2325.160499 (including connections establishing)
tps = 2576.324833 (excluding connections establishing)
```

Tir 3

```
[root@pgpool ~]# /srv/psql/bin/pgbench -U postgres -j 2 -S -n -c 1000 -T 10
test1
transaction type: SELECT only
scaling factor: 1
query mode: simple
number of clients: 1000
number of threads: 2
duration: 10 s
number of transactions actually processed: 27075
tps = 2618.661135 (including connections establishing)
tps = 2902.200039 (excluding connections establishing)
```

Tir 4

```
[root@pgpool ~]# /srv/psql/bin/pgbench -U postgres -j 2 -S -n -c 1000 -T 10
test1
transaction type: SELECT only
scaling factor: 1
query mode: simple
number of clients: 1000
number of threads: 2
duration: 10 s
number of transactions actually processed: 31314
tps = 3034.849892 (including connections establishing)
tps = 3364.589251 (excluding connections establishing)
```

Tir 5

```
[root@pgpool ~]# /srv/psql/bin/pgbench -U postgres -j 2 -S -n -c 1000 -T 10
test1
transaction type: SELECT only
scaling factor: 1
query mode: simple
number of clients: 1000
number of threads: 2
duration: 10 s
number of transactions actually processed: 35941
tps = 3502.058206 (including connections establishing)
tps = 3882.081334 (excluding connections establishing)
```

Tir 6

```
[root@pgpool ~]# /srv/psql/bin/pgbench -U postgres -j 2 -S -n -c 1000 -T 10
test1
transaction type: SELECT only
scaling factor: 1
```

```
query mode: simple
number of clients: 1000
number of threads: 2
duration: 10 s
number of transactions actually processed: 38090
tps = 3697.435791 (including connections establishing)
tps = 4099.044053 (excluding connections establishing)
```

Tir 7

```
[root@pgpool ~]# /srv/psql/bin/pgbench -U postgres -j 2 -S -n -c 1000 -T 10
test1
transaction type: SELECT only
scaling factor: 1
query mode: simple
number of clients: 1000
number of threads: 2
duration: 10 s
number of transactions actually processed: 229008
tps = 22640.211169 (including connections establishing)
tps = 25136.784885 (excluding connections establishing)
```

Tir 8

```
[root@pgpool ~]# /srv/psql/bin/pgbench -U postgres -j 2 -S -n -c 100 -T 10 test1
transaction type: SELECT only
scaling factor: 1
query mode: simple
number of clients: 100
number of threads: 2
duration: 10 s
number of transactions actually processed: 399507
tps = 39911.622530 (including connections establishing)
tps = 40680.541458 (excluding connections establishing)
```

Tir 9

```
[root@pgpool ~]# /srv/psql/bin/pgbench -U postgres -j 2 -S -n -c 100 -T 10 test1
transaction type: SELECT only
scaling factor: 1
query mode: simple
number of clients: 100
number of threads: 2
duration: 10 s
number of transactions actually processed: 426480
tps = 42601.938784 (including connections establishing)
tps = 43440.803349 (excluding connections establishing)
```

Tir 10

```
[root@pgpool ~]# /srv/psql/bin/pgbench -U postgres -j 2 -S -n -c 100 -T 10 test1
transaction type: SELECT only
scaling factor: 1
query mode: simple
number of clients: 100
number of threads: 2
duration: 10 s
number of transactions actually processed: 428009
tps = 42753.025162 (including connections establishing)
tps = 43589.264149 (excluding connections establishing)
```

Tests de charge (cache reset)

```
[root@pgpool ~]# /srv/psql/bin/pgbench -U postgres -j 2 -S -n -c 1000 -T 10
test1
transaction type: SELECT only
scaling factor: 1
query mode: simple
number of clients: 1000
number of threads: 2
duration: 10 s
number of transactions actually processed: 24697
tps = 2355.815407 (including connections establishing)
tps = 3506.443482 (excluding connections establishing)

[root@pgpool ~]# /srv/psql/bin/pgbench -U postgres -j 2 -S -n -c 1000 -T 60
test1
transaction type: SELECT only
scaling factor: 1
query mode: simple
number of clients: 1000
number of threads: 2
duration: 60 s
number of transactions actually processed: 1028823
tps = 17121.459981 (including connections establishing)
tps = 17412.665410 (excluding connections establishing)
```

Sur un seul nœud

```
[root@pgpool ~]# /srv/psql/bin/pgbench -U postgres -h master -j 2 -S -n -c 1000
-T 10 test1
Connection to database "test1" failed:
could not fork new process for connection: Resource temporarily unavailable

could not fork new process for connection: Resource temporarily unavailable
Connection to database "test1" failed:
could not fork new process for connection: Resource temporarily unavailable

could not fork new process for connection: Resource temporarily unavailable
transaction type: SELECT only
scaling factor: 1
query mode: simple
number of clients: 1000
number of threads: 2
duration: 10 s
number of transactions actually processed: 0
tps = 0.000000 (including connections establishing)
tps = 0.000000 (excluding connections establishing)
```

Tests d'écriture

SYNCHRONE

```
[root@pgpool ~]# /srv/psql/bin/pgbench -U postgres -j 2 -c 100 -T 10 test1
starting vacuum...end.
transaction type: TPC-B (sort of)
scaling factor: 1
query mode: simple
number of clients: 100
```

```
number of threads: 2
duration: 10 s
number of transactions actually processed: 4373
tps = 428.466436 (including connections establishing)
tps = 438.038533 (excluding connections establishing)

ASYNCHRONE

[root@pgpool ~]# /srv/psql/bin/pgbench -U postgres -j 2 -c 100 -T 10 test1
starting vacuum...end.
transaction type: TPC-B (sort of)
scaling factor: 1
query mode: simple
number of clients: 100
number of threads: 2
duration: 10 s
number of transactions actually processed: 2450
tps = 237.134578 (including connections establishing)
tps = 246.730320 (excluding connections establishing)
```