```
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=7 ttl=255 time=19.7 ms
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=8 ttl=255 time=18.4 ms
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=9 ttl=255 time=18.6 ms
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=10 ttl=255 time=21.8 ms
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=11 ttl=255 time=19.9 ms
64 bytes from any-in-2678.1e100.net (216.239.38.120): icmp_seq=12 ttl=255 time=22.9 ms
^C
--- google.com ping statistics ---
12 packets transmitted, 12 received, 0% packet loss, time 11267ms
rtt min/avg/max/mdev = 17.886/20.441/25.481/2.244 ms
mamatha9264@Firstvm:~$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
       valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host noprefixroute
       valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default q
    link/ether 08:00:27:b7:e4:d1 brd ff:ff:ff:ff:ff:ff
    inet 10.0.2.15/24 brd 10.0.2.255 scope global dynamic noprefixroute enp0s3
       valid_lft 85558sec preferred_lft 85558sec
    inet6 fd17:625c:f037:2:1d1a:ed63:7b9e:10dd/64 scope global temporary dynamic
       valid_lft 86363sec preferred_lft 14363sec
    inet6 fd17:625c:f037:2:a00:27ff:feb7:e4d1/64 scope global dynamic mngtmpaddr
       valid_lft 86363sec preferred_lft 14363sec
    inet6 fe80::a00:27ff:feb7:e4d1/64 scope link
       valid_lft forever preferred_lft forever
3: docker0: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc noqueue state DOWN group defau
    link/ether aa:2d:80:f0:ce:66 brd ff:ff:ff:ff:ff:ff
    inet 172.17.0.1/16 brd 172.17.255.255 scope global docker0
       valid_lft forever preferred_lft forever
mamatha9264@Firstvm:~$
```

```
mamatha9264@Firstvm:~$ ping google.com
PING google.com (2404:6800:4007:816::200e) 56 data bytes
^C
--- google.com ping statistics ---
109 packets transmitted, 0 received, 100% packet loss, time 120544ms

mamatha9264@Firstvm:~$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
       valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host noprefixroute
       valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 08:00:27:b7:e4:d1 brd ff:ff:ff:ff:ff:ff
    inet 10.23.252.155/24 brd 10.23.252.255 scope global dynamic noprefixroute enp0s3
       valid_lft 3378sec preferred_lft 3378sec
    inet6 2401:4900:6318:c055:7278:d15:1645:98f8/64 scope global temporary dynamic
       valid_lft 7098sec preferred_lft 7098sec
    inet6 2401:4900:6318:c055:a00:27ff:feb7:e4d1/64 scope global dynamic mngtmpaddr
       valid_lft 7098sec preferred_lft 7098sec
    inet6 fe80::a00:27ff:feb7:e4d1/64 scope link
       valid_lft forever preferred_lft forever
3: docker0: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc noqueue state DOWN group default
    link/ether ca:de:20:0d:b0:2a brd ff:ff:ff:ff:ff:ff
    inet 172.17.0.1/16 brd 172.17.255.255 scope global docker0
       valid_lft forever preferred_lft forever
mamatha9264@Firstvm:~$
```

```
mamatha9264@Firstvm:~$ ping google.com
ping: google.com: Temporary failure in name resolution
mamatha9264@Firstvm:~$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group defaul
t qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
       valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host noprefixroute
       valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP gr
oup default qlen 1000
    link/ether 08:00:27:b7:e4:d1 brd ff:ff:ff:ff:ff:ff
    inet 192.168.56.101/24 brd 192.168.56.255 scope global dynamic noprefixroute
 enp0s3
       valid_lft 527sec preferred_lft 527sec
    inet6 fe80::a00:27ff:feb7:e4d1/64 scope link
       valid_lft forever preferred_lft forever
3: docker0: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc noqueue state DOW
N group default
    link/ether b6:cf:75:cf:58:eb brd ff:ff:ff:ff:ff:ff
    inet 172.17.0.1/16 brd 172.17.255.255 scope global docker0
       valid_lft forever preferred_lft forever
mamatha9264@Firstvm:~$ s
```

```
mamatha9264@Firstvm:~$ sysbench cpu run
sysbench 1.0.20 (using system LuaJIT 2.1.0-beta3)

Running the test with following options:
Number of threads: 1
Initializing random number generator from current time


Prime numbers limit: 10000

Initializing worker threads...

Threads started!

CPU speed:
    events per second:   623.52

General statistics:
    total time:                          10.0005s
    total number of events:              6238

Latency (ms):
         min:                                    0.90
         avg:                                    1.60
         max:                                   34.86
         95th percentile:                        2.39
         sum:                                 9984.78

Threads fairness:
```

```
mamatha9264@Firstvm:~$ sysbench cpu run
sysbench 1.0.20 (using system LuaJIT 2.1.0-beta3)

Running the test with following options:
Number of threads: 1
Initializing random number generator from current time


Prime numbers limit: 10000

Initializing worker threads...

Threads started!

CPU speed:
    events per second:    670.80

General statistics:
    total time:                          10.0019s
    total number of events:              6711

Latency (ms):
        min:                                    0.99
        avg:                                    1.49
        max:                                    8.78
        95th percentile:                        2.14
        sum:                                 9983.30

Threads fairness:
    events (avg/stddev):           6711.0000/0.00
```

```
mamatha9264@Firstvm:~$ stress-ng --cpu 4 --timeout 30s
stress-ng: info:  [5575] setting to a 30 secs run per stressor
stress-ng: info:  [5575] dispatching hogs: 4 cpu
stress-ng: info:  [5575] skipped: 0
stress-ng: info:  [5575] passed: 4: cpu (4)
stress-ng: info:  [5575] failed: 0
stress-ng: info:  [5575] metrics untrustworthy: 0
stress-ng: info:  [5575] successful run completed in 5 mins, 56.41 secs
mamatha9264@Firstvm:~$ ^C
```

```
mamatha9264@Firstvm:~$ stress-ng --cpu 4 --timeout 30s
stress-ng: info:  [5575] setting to a 30 secs run per stressor
stress-ng: info:  [5575] dispatching hogs: 4 cpu
stress-ng: info:  [5575] skipped: 0
stress-ng: info:  [5575] passed: 4: cpu (4)
stress-ng: info:  [5575] failed: 0
stress-ng: info:  [5575] metrics untrustworthy: 0
stress-ng: info:  [5575] successful run completed in 5 mins, 56.41 secs
mamatha9264@Firstvm:~$ ^C
```

```
mamatha9264@Firstvm:~$ fio --name=seqwrite --size=200M --filename=testfile --bs=1M --rw=write
seqwrite: (g=0): rw=write, bs=(R) 1024KiB-1024KiB, (W) 1024KiB-1024KiB, (T) 1024KiB-1024KiB, ioer
fio-3.36
Starting 1 process

seqwrite: (groupid=0, jobs=1): err= 0: pid=5649: Mon Dec  8 12:14:11 2025
  write: IOPS=77, BW=77.8MiB/s (81.5MB/s)(200MiB/2572msec); 0 zone resets
    clat (usec): min=1956, max=40347, avg=12793.58, stdev=5980.94
     lat (usec): min=2015, max=40401, avg=12842.03, stdev=5982.35
    clat percentiles (usec):
     |  1.00th=[ 2343],  5.00th=[ 3228], 10.00th=[ 7635], 20.00th=[ 9634],
     | 30.00th=[10159], 40.00th=[10814], 50.00th=[11469], 60.00th=[12125],
     | 70.00th=[13435], 80.00th=[16581], 90.00th=[19792], 95.00th=[21890],
     | 99.00th=[35914], 99.50th=[39060], 99.90th=[40109], 99.95th=[40109],
     | 99.99th=[40109]
  lat (msec)   : 2=0.50%, 4=6.50%, 10=21.50%, 20=62.00%, 50=9.50%
  cpu          : usr=0.04%, sys=0.97%, ctx=2, majf=0, minf=11
  IO depths    : 1=100.0%, 2=0.0%, 4=0.0%, 8=0.0%, 16=0.0%, 32=0.0%, >=64=0.0%
     submit    : 0=0.0%, 4=100.0%, 8=0.0%, 16=0.0%, 32=0.0%, 64=0.0%, >=64=0.0%
     complete  : 0=0.0%, 4=100.0%, 8=0.0%, 16=0.0%, 32=0.0%, 64=0.0%, >=64=0.0%
     issued rwts: total=0,200,0,0 short=0,0,0,0 dropped=0,0,0,0
     latency   : target=0, window=0, percentile=100.00%, depth=1

Run status group 0 (all jobs):
  WRITE: bw=77.8MiB/s (81.5MB/s), 77.8MiB/s-77.8MiB/s (81.5MB/s-81.5MB/s), io=200MiB (210MB), rur

Disk stats (read/write):
  sda: ios=0/0, sectors=0/0, merge=0/0, ticks=0/0, in_queue=0, util=0.00%
```

```
mamatha9264@Firstvm:~$ fio --name=seqwrite --size=200M --filename=testfile --bs=1M --rw=write
seqwrite: (g=0): rw=write, bs=(R) 1024KiB-1024KiB, (W) 1024KiB-1024KiB, (T) 1024KiB-1024KiB, ioengine=psync, iodepth=1
fio-3.36
Starting 1 process
Jobs: 1 (f=1)
seqwrite: (groupid=0, jobs=1): err= 0: pid=5323: Mon Dec  8 12:11:20 2025
  write: IOPS=134, BW=134MiB/s (141MB/s)(200MiB/1487msec); 0 zone resets
    clat (usec): min=857, max=73993, avg=7328.98, stdev=9741.50
     lat (usec): min=918, max=74032, avg=7411.53, stdev=9741.67
    clat percentiles (usec):
     |  1.00th=[  930],  5.00th=[ 1106], 10.00th=[ 1680], 20.00th=[ 2278],
     | 30.00th=[ 2704], 40.00th=[ 3458], 50.00th=[ 4293], 60.00th=[ 5538],
     | 70.00th=[ 7504], 80.00th=[ 9241], 90.00th=[14091], 95.00th=[20055],
     | 99.00th=[56361], 99.50th=[63177], 99.90th=[73925], 99.95th=[73925],
     | 99.99th=[73925]
   bw (  KiB/s): min=122497, max=194560, per=100.00%, avg=158528.50, stdev=50956.24, samples=2
   iops        : min=  119, max=  190, avg=154.50, stdev=50.20, samples=2
  lat (usec)   : 1000=3.00%
  lat (msec)   : 2=13.00%, 4=31.00%, 10=34.50%, 20=13.50%, 50=3.00%
  lat (msec)   : 100=2.00%
  cpu          : usr=1.55%, sys=91.05%, ctx=34, majf=0, minf=12
  IO depths    : 1=100.0%, 2=0.0%, 4=0.0%, 8=0.0%, 16=0.0%, 32=0.0%, >=64=0.0%
     submit    : 0=0.0%, 4=100.0%, 8=0.0%, 16=0.0%, 32=0.0%, 64=0.0%, >=64=0.0%
     complete  : 0=0.0%, 4=100.0%, 8=0.0%, 16=0.0%, 32=0.0%, 64=0.0%, >=64=0.0%
     issued rwts: total=0,200,0,0 short=0,0,0,0 dropped=0,0,0,0
     latency   : target=0, window=0, percentile=100.00%, depth=1

Run status group 0 (all jobs):
  WRITE: bw=134MiB/s (141MB/s), 134MiB/s-134MiB/s (141MB/s-141MB/s), io=200MiB (210MB), run=1487-1487msec
```

```
  sda: ios=0/0, sectors=0/0, merge=0/0, ticks=0/0, in_queue=0, util=0.00%
mamatha9264@Firstvm:~$ iperf3 -s
-----------------------------------------------------
Server listening on 5201 (test #1)
-----------------------------------------------------
```

New   Open   Settings   Discard   Show

Firstvm
Powered Off

Firstvm Clone
Running

Details

General

Name: Firstvm Clone
Operating System: Ubuntu (64-bit)

System

Base Memory: 4306 MB
Processors: 3
Boot Order: Hard Disk, Optical, Floppy
Acceleration: Nested Paging, KVM Paravirtualization

Display

Video Memory: 16 MB
Graphics Controller: VMSVGA
Remote Desktop Server: Disabled
Recording: Disabled

Storage

Controller: IDE
  IDE Primary Device 0:   [Optical Drive] VBoxGuestAdditions.iso (50.69 MB)
Controller: SATA
  SATA Port 0:   Firstvm Clone.vdi (Normal, 25.00 GB)

Audio

Host Driver: Default
Controller: ICH AC97

Network

Adapter 1:   Intel PRO/1000 MT Desktop (Bridged Adapter, Realtek PCIe GbE Family Controller)

USB

USB Controller: OHCI, EHCI
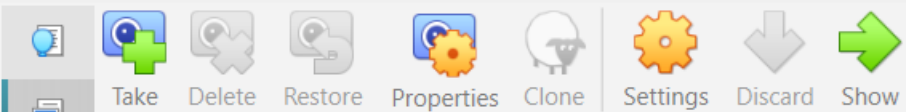Device Filters: 0 (0 active)

Shared folders

Shared Folders: 1

Description

None

Preview

Take   Delete   Restore   Properties   Clone   Settings   Discard   Show

Firstvm
Powered Off

Firstvm Clone (clone-vm)
Running

Snapshots

Name	Taken
clone-vm	08-12-2025 16:02 (1 minute ago)
Current State (changed)	

Attributes | Information

Name: Enter a name for the new snapshot...

Description: