

Contents of path /sys/kernel/config/target/iscsi

```
[03/15/25]seed@VM:/sys/kernel/config/target/iscsi/iqn.2025-02.com.seedubuntu:storage$ ls tgt_1/
acls attrib auth dynamic_sessions enable lun np param
[03/15/25]seed@VM:/sys/kernel/config/target/iscsi/iqn.2025-02.com.seedubuntu:storage$ ls fabric_statistics/
iscsi_instance iscsi_login_stats iscsi_logout_stats iscsi_sess_err iscsi_tgt_attr
[03/15/25]seed@VM:/sys/kernel/config/target/iscsi/iqn.2025-02.com.seedubuntu:storage$ ls param/
cmd_completion_affinity
```

Metrics available per lun

```
[03/15/25]seed@VM:/sys/kernel/config/target/iscsi/iqn.2025-02.com.seedubuntu:storage/tpgt_1/lun/lun_0/statistics$ ls
scsi_port scsi_tgt_port scsi_transport
[03/15/25]seed@VM:/sys/kernel/config/target/iscsi/iqn.2025-02.com.seedubuntu:storage/tpgt_1/lun/lun_0/statistics$ ls scsi_port/
busy count dev indx inst role
[03/15/25]seed@VM:/sys/kernel/config/target/iscsi/iqn.2025-02.com.seedubuntu:storage/tpgt_1/lun/lun_0/statistics$ ls scsi_tgt_port/
dev hs_in_cmds in_cmds indx inst name port_index read_mbytes write_mbytes
[03/15/25]seed@VM:/sys/kernel/config/target/iscsi/iqn.2025-02.com.seedubuntu:storage/tpgt_1/lun/lun_0/statistics$ ls scsi_transport/
device dev_name indx inst proto_id
[03/15/25]seed@VM:/sys/kernel/config/target/iscsi/iqn.2025-02.com.seedubuntu:storage/tpgt_1/lun/lun_0/statistics$
```

Read m_bytes

Read stats-before n after read I/O for 1M

```
104857600 bytes (105 MB, 100 MiB) copied, 12.4420 s, 8.44 MB/s
osboxes@osboxes:/mnt$ dd if=/mnt/testfile_lun0 of=/dev/null bs=1M count=100
100+0 records in
100+0 records out
104857600 bytes (105 MB, 100 MiB) copied, 16.6586 s, 6.3 MB/s
osboxes@osboxes:/mnt$
```

```
[03/15/25]seed@VM:/sys/kernel/config/target/iscsi/iqn.2025-02.com.seedubuntu:storage/tpgt_1/lun/lun_0/statistics/scsi_tgt_port$ cat read_mbytes
12
[03/15/25]seed@VM:/sys/kernel/config/target/iscsi/iqn.2025-02.com.seedubuntu:storage/tpgt_1/lun/lun_0/statistics/scsi_tgt_port$ cat read_mbytes
102
[03/15/25]seed@VM:/sys/kernel/config/target/iscsi/iqn.2025-02.com.seedubuntu:storage/tpgt_1/lun/lun_0/statistics/scsi_tgt_port$
```

Write m_bytes

```
osboxes@osboxes:/mnt$ dd if=/dev/zero of=/mnt/testfile_new bs=4M count=100 oflag=direct
100+0 records in
100+0 records out
419430400 bytes (419 MB, 400 MiB) copied, 50.0581 s, 8.4 MB/s
osboxes@osboxes:/mnt$ dd if=/dev/zero of=/mnt/testfile_lun0 bs=1M count=100 oflag=direct
100+0 records in
100+0 records out
104857600 bytes (105 MB, 100 MiB) copied, 12.4428 s, 8.4 MB/s
osboxes@osboxes:/mnt$
```

After doing 4M write to lun0

```
seed@VM: ~/statistics
[03/15/25]seed@VM:/sys/kernel/config/target/iscsi/iqn.2025-02.com.seedubuntu:storage/tpgt_1/lun/lun_0/statistics$ cat scsi_tgt_port/write_mbytes
400
[03/15/25]seed@VM:/sys/kernel/config/target/iscsi/iqn.2025-02.com.seedubuntu:storage/tpgt_1/lun/lun_0/statistics$ cat scsi_tgt_port/in_cmds
331
[03/15/25]seed@VM:/sys/kernel/config/target/iscsi/iqn.2025-02.com.seedubuntu:storage/tpgt_1/lun/lun_0/statistics$ cat scsi_tgt_port/hs_in_cmds
0
```