

# Commande Linux

## (STA admin)

Version os :

```
(sizr@sta-15-admin)-[~]
$ cat /etc/os-release
PRETTY_NAME="Kali GNU/Linux Rolling"
NAME="Kali GNU/Linux"
ID=kali
VERSION="2022.2"
VERSION_ID="2022.2"
VERSION_CODENAME="kali-rolling"
ID_LIKE=debian
ANSI_COLOR="1;31"
HOME_URL="https://www.kali.org/"
SUPPORT_URL="https://forums.kali.org/"
BUG_REPORT_URL="https://bugs.kali.org/"
```

Nom d'hôte :

```
(sizr@sta-15-admin)-[~]
$ sudo hostname
sudo: impossible de résoudre l'hôte sta-15-admin: Nom ou service inconnu
[sudo] Mot de passe de sizr :
sta-15-admin
```

Configuration ip :

```
(sizr@sta-15-admin)-[~]
$ ip address
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
        valid_lft forever preferred_lft forever
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 08:00:27:63:4a:d7 brd ff:ff:ff:ff:ff:ff
    inet 192.168.51.43/24 brd 192.168.51.255 scope global dynamic noprefixroute eth0
        valid_lft 12088sec preferred_lft 12088sec
    inet6 fe80::f96f:a2c0:340b:7699/64 scope link noprefixroute
        valid_lft forever preferred_lft forever
3: eth1: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 08:00:27:1d:e8:36 brd ff:ff:ff:ff:ff:ff
```

Table de routage et passerelle par défaut :

```
(sizr@sta-15-admin)-[~]
$ netstat -r
Table de routage IP du noyau
Destination      Passerelle      Genmask          Indic      MSS Fenêtre irtt Iface
default          192.168.51.254  0.0.0.0          UG         0 0        0 eth0
192.168.51.0     0.0.0.0         255.255.255.0    U          0 0        0 eth0
```

Serveur(s) de noms :

```

(sisr@sta-15-admin)-[~]
$ dig elle

; <<>> DiG 9.18.1-1-Debian <<>>
;; global options: +cmd
;; Got answer:
;; -->HEADER<-- opcode: QUERY, status: NOERROR, id: 173
;; flags: qr rd ra; QUERY: 1, ANSWER: 13, AUTHORITY: 0, ADDITIONAL: 14

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 4000
;; QUESTION SECTION:
; .                               IN      NS

;; ANSWER SECTION:
. Repertoire... 85769    IN      NS      c.root-servers.net.
.                85769    IN      NS      b.root-servers.net.
.                85769    IN      NS      i.root-servers.net.
.                85769    IN      NS      a.root-servers.net.
.                85769    IN      NS      k.root-servers.net.
.                85769    IN      NS      j.root-servers.net.
.                85769    IN      NS      l.root-servers.net.
. VBox_GAS_... 85769    IN      NS      f.root-servers.net.
.                85769    IN      NS      h.root-servers.net.
.                85769    IN      NS      e.root-servers.net.
.                85769    IN      NS      g.root-servers.net.
.                85769    IN      NS      d.root-servers.net.
.                85769    IN      NS      m.root-servers.net.

;; ADDITIONAL SECTION:
c.root-servers.net. 10614    IN      A       192.33.4.12
b.root-servers.net. 10614    IN      A       199.9.14.201
i.root-servers.net. 10614    IN      A       192.36.148.17
a.root-servers.net. 10614    IN      A       198.41.0.4
k.root-servers.net. 10614    IN      A       193.0.14.129
j.root-servers.net. 10614    IN      A       192.58.128.30
l.root-servers.net. 10614    IN      A       199.7.83.42
f.root-servers.net. 10614    IN      A       192.5.5.241
h.root-servers.net. 10614    IN      A       198.97.190.53
e.root-servers.net. 10614    IN      A       192.203.230.10
g.root-servers.net. 10614    IN      A       192.112.36.4
d.root-servers.net. 10614    IN      A       199.7.91.13
n.root-servers.net. 10614    IN      A       202.12.27.33

;; Query time: 0 msec
;; SERVER: 172.19.239.249#53(172.19.239.249) (UDP)
;; WHEN: Tue Oct 11 14:15:21 CEST 2022
;; MSG SIZE rcvd: 460

```

Environnement graphique sur la STA(GUI/Desktop Environment) :

```

(sisr@sta-15-admin)-[~]
$ echo $XDG_CURRENT_DESKTOP
XFCE

```

Connection en ssh à INTRALAB :

```
(sizr@sta-15-admin)-[~]  
$ ssh sio@192.168.51.237  
sio@192.168.51.237's password:  
Linux debian 5.10.0-8-amd64 #1 SMP Debian 5.10.46-4 (2021-08-03) x86_64  
  
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.  
Last login: Tue Oct 11 14:55:05 2022 from 192.168.51.18
```

Espace de stockage persistant (HDD) :

```
sio@debian:~$ df  
Sys. de fichiers blocs de 1K Utilisé Disponible Uti% Monté sur  
udev                395564      0    395564    0% /dev  
tmpfs                82372     556    81816    1% /run  
/dev/sda1           9361892 1629916   7234824   19% /  
tmpfs               411844      0    411844    0% /dev/shm  
tmpfs                5120       0     5120    0% /run/lock  
tmpfs               82368      0    82368    0% /run/user/0  
tmpfs               82368      0    82368    0% /run/user/1000
```

Processeur(s) (CPU) :

```
sio@debian:~$ lscpu  
Architecture:          x86_64  
CPU op-mode(s):        32-bit, 64-bit  
Byte Order:             Little Endian  
Address sizes:          40 bits physical, 48 bits virtual  
CPU(s):                 1  
On-line CPU(s) list:   0  
Thread(s) per core:    1  
Core(s) per socket:    1  
Socket(s):              1  
NUMA node(s):          1  
Vendor ID:              GenuineIntel  
CPU family:             15  
Model:                  6  
Model name:             Common KVM processor  
Stepping:               1  
CPU MHz:                1899.958  
BogoMIPS:               3799.91  
Hypervisor vendor:      KVM  
Virtualization type:    full  
L1d cache:              32 KiB  
L1i cache:              32 KiB  
L2 cache:                4 MiB  
L3 cache:               16 MiB  
NUMA node0 CPU(s):      0  
Vulnerability Itlb multihit: KVM: Mitigation: VMX unsupported  
Vulnerability L1tf:      Mitigation; PTE Inversion  
Vulnerability Mds:       Vulnerable: Clear CPU buffers attempted, no microcode; SMT Host state unknown  
Vulnerability Meltdown:  Mitigation; PTI  
Vulnerability Spec store bypass: Vulnerable  
Vulnerability Spectre v1: Mitigation; usercopy/swapgs barriers and __user pointer sanitization  
Vulnerability Spectre v2: Mitigation; Full generic retpoline, STIBP disabled, RSB filling  
Vulnerability Srbds:     Not affected  
Vulnerability Tsx async abort: Not affected  
Flags:                  fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush mmx  
                        fxsr sse sse2 syscall nx lm constant_tsc nopl xtopology cpuid tsc_known_freq pni c  
                        x16 x2apic hypervisor lahf_lm cpuid_fault pti
```

Mémoire Vive (RAM) :

```
sio@debian:~$ free -h
```

	total	utilisé	libre	partagé	tamp/cache	disponible
Mem:	804Mi	195Mi	217Mi	3,0Mi	391Mi	452Mi
Partition d'échange:		846Mi	0B	846Mi		

Système d'exploitation (OS) :

```
sio@debian:~$ cat /proc/version
```

Linux version 5.10.0-8-amd64 (debian-kernel@lists.debian.org) (gcc-10 (Debian 10.2.1-6) 10.2.1 20210110, GNU ld (GNU Binutils for Debian) 2.35.2) #1 SMP Debian 5.10.46-4 (2021-08-03)

Liste des services installés (avec leur numéro de version) :

```
sio@debian:~$ apt list --installed
```

En train de lister... Fait

adduser/stable,now 3.118 all [installé]  
 apache2-bin/stable-security,now 2.4.48-3.1+deb11u1 amd64 [installé, automatique]  
 apache2-data/stable-security,now 2.4.48-3.1+deb11u1 all [installé, automatique]  
 apache2-utils/stable-security,now 2.4.48-3.1+deb11u1 amd64 [installé, automatique]  
 apache2/stable-security,now 2.4.48-3.1+deb11u1 amd64 [installé]  
 apparmor/stable,now 2.13.6-10 amd64 [installé, automatique]  
 apt-utils/stable,now 2.2.4 amd64 [installé]  
 apt/stable,now 2.2.4 amd64 [installé]  
 base-files/stable,now 11.1 amd64 [installé]  
 base-passwd/stable,now 3.5.51 amd64 [installé]  
 bash-completion/stable,now 1:2.11-2 all [installé]  
 bash/stable,now 5.1-2+b3 amd64 [installé]  
 bsdtails/stable,now 1:2.36.1-8 amd64 [installé]  
 busybox/stable,now 1:1.30.1-6+b3 amd64 [installé]  
 bzip2/stable,now 1.0.8-4 amd64 [installé, automatique]  
 ca-certificates/stable,now 20210119 all [installé]  
 console-setup-linux/stable,now 1.205 all [installé, automatique]  
 console-setup/stable,now 1.205 all [installé]  
 coreutils/stable,now 8.32-4+b1 amd64 [installé]  
 cpio/stable,now 2.13+dfsg-4 amd64 [installé]  
 cron/stable,now 3.0pl1-137 amd64 [installé]  
 dash/stable,now 0.5.11+git20200708+dd9ef66-5 amd64 [installé]  
 dbus/stable,now 1.12.20-2 amd64 [installé]  
 debconf-i18n/stable,now 1.5.77 all [installé]  
 debconf/stable,now 1.5.77 all [installé]  
 debian-archive-keyring/stable,now 2021.1.1 all [installé]  
 debianutils/stable,now 4.11.2 amd64 [installé]  
 diffutils/stable,now 1:3.7-5 amd64 [installé]  
 discover-data/stable,now 2.2013.01.11+nmu1 all [installé, automatique]  
 discover/stable,now 2.1.2-8 amd64 [installé]  
 distro-info-data/stable,now 0.51 all [installé, automatique]  
 dmidecode/stable,now 3.3-2 amd64 [installé]  
 dmsetup/stable,now 2:1.02.175-2.1 amd64 [installé]  
 dpkg/stable,now 1.20.9 amd64 [installé]  
 e2fsprogs/stable,now 1.46.2-2 amd64 [installé]  
 eject/stable,now 2.36.1-8 amd64 [installé]  
 fdisk/stable,now 2.36.1-8 amd64 [installé]  
 file/stable,now 1:5.39-3 amd64 [installé]  
 findutils/stable,now 4.8.0-1 amd64 [installé]  
 firmware-linux-free/stable,now 20200122-1 all [installé, automatique]  
 galera-4/stable,now 26.4.8-1 amd64 [installé, automatique]  
 gawk/stable,now 1:5.1.0-1 amd64 [installé, automatique]  
 gcc-10-base/stable,now 10.2.1-6 amd64 [installé]  
 gcc-9-base/stable,now 9.3.0-22 amd64 [installé]  
 gettext-base/stable,now 0.21-4 amd64 [installé]  
 gpgv/stable,now 2.2.27-2 amd64 [installé]

Copie de la base de données :



```

MariaDB [(none)]> select * from tables;
ERROR 1046 (3D000): No database selected
MariaDB [(none)]> show databases;
+-----+
| Database |
+-----+
| information_schema |
| reserv |
+-----+
2 rows in set (0.001 sec)

MariaDB [(none)]> exit;
Bye
sio@debian:~$ mysqldump --databases reserv -user=adm_resa -p > corentin.sql
Enter password:
mysqldump: Got error: 1045: "Access denied for user 'ser=adm_resa'@'localhost' (using password: YES)" when trying to connect
sio@debian:~$ mysqldump --databases reserv -u adm_resa -p > corentin.sql
Enter password:
sio@debian:~$ ls -l
total 188
-rw-r--r-- 1 sio sio 4311 21 sept. 2021 -3
-rwxrwxrwx 1 sio sio 5902 11 oct. 16:09 all_databases.sql
-rw-r--r-- 1 sio sio 5044 21 sept. 2021 backuppreserv.sql
-rw-r--r-- 1 sio sio 814 21 sept. 2021 backup.sql
-rw-r--r-- 1 sio sio 0 11 oct. 16:51 Bureau
-rw-r--r-- 1 sio sio 5243 12 oct. 2021 copie.sql
-rw-r--r-- 1 sio sio 5908 18 oct. 14:42 corentin.sql
-rw-r--r-- 1 sio sio 813 21 sept. 2021 data-dump.sql
-rw-r--r-- 1 sio sio 4311 21 sept. 2021 data.sql
-rw-r--r-- 1 sio sio 11849 18 oct. 14:25 dfsd
-rw-r--r-- 1 sio sio 12346 6 mars 2022 dump-bb.sql
-rw-r--r-- 1 sio sio 0 11 nov. 2021 dumpbdd.sql
-rw-r--r-- 1 sio sio 0 11 nov. 2021 dumpsohaib.sql
-rw-r--r-- 1 sio sio 0 11 nov. 2021 dumpssa.sql
-rw-r--r-- 1 sio sio 0 11 oct. 16:33 fichier.sql
-rw-r--r-- 1 sio sio 4311 21 sept. 2021 -i
-rw-r--r-- 1 sio sio 5243 5 oct. 2021 intralab.s
-rw-r--r-- 1 sio sio 5243 5 oct. 2021 intralab.sql
-rw-r--r-- 1 sio sio 9292 20 sept. 15:52 liste-des-paquets
-rw-r--r-- 1 sio sio 0 11 oct. 15:34 mysql
-rw-r--r-- 1 sio sio 1 11 oct. 18:19 nano.save
-rw-r--r-- 1 sio sio 0 27 sept. 14:16 nis
-rw-r--r-- 1 sio sio 0 11 oct. 16:33 perso
-rw-r--r-- 1 sio sio 0 18 oct. 14:05 reserv
-rw-r--r-- 1 sio sio 5044 21 sept. 2021 reservbackup.sql
-rw-r--r-- 1 sio sio 5243 5 oct. 2021 serveur.sql
-rw-r--r-- 1 sio sio 0 27 sept. 14:16 show
-rw-r--r-- 1 sio sio 5243 20 sept. 15:54 sistr@sta-07-admin
-rw-r--r-- 1 sio sio 17724 27 sept. 14:12 'systemctl list-unit-files --type=service'
-rw-r--r-- 1 sio sio 5078 5 oct. 2021 test-E3.sql
-rw-r--r-- 1 sio sio 11849 11 oct. 16:19 version

```

```

(sisr@sta-15-admin)-[~]
$ scp -p sio@192.168.51.237:/home/sio/corentin.sql ./
sio@192.168.51.237's password:
corentin.sql 100% 5908 1.0MB/s 00:00

(sisr@sta-15-admin)-[~]
$ ls
Bureau corentin.sql Documents Images Modèles Musique Pro Public Téléchargements Vidéos

(sisr@sta-15-admin)-[~]
$ pwd
/home/sisr

(sisr@sta-15-admin)-[~]
$ ls -l
total 44
drwxr-xr-x 2 sisr sisr 4096 20 nov. 2021 Bureau
-rw-r--r-- 1 sisr sisr 5908 18 oct. 14:42 corentin.sql
drwxr-xr-x 2 sisr sisr 4096 20 nov. 2021 Documents
drwxr-xr-x 2 sisr sisr 4096 20 nov. 2021 Images
drwxr-xr-x 2 sisr sisr 4096 20 nov. 2021 Modèles
drwxr-xr-x 2 sisr sisr 4096 20 nov. 2021 Musique
drwxr-xr-x 2 sisr sisr 4096 18 oct. 13:57 Pro
drwxr-xr-x 2 sisr sisr 4096 20 nov. 2021 Public
drwxr-xr-x 2 sisr sisr 4096 20 nov. 2021 Téléchargements
drwxr-xr-x 2 sisr sisr 4096 20 nov. 2021 Vidéos

```