

(Small sorry!)

## SS #1

```
ecd5a-sha2-nistp256 AAAAE2VJZHNhLXNoYTU1bmlzLmdhaWNTYAAAABmIzdHAYNTYAAAABBDBQK2FeXB4F7u+DBtQ102aZ21GduImc9z0B7JpvaIa3DAJ6/nL5u0+93P6uGqer8tJz6beP1ezya3U2f0a1wStU=
root@ubuntuserver
ssh-ed25519 AAAAC3NzaC1lZDI1NTE5AAAAICTkdk/uCUH6EMKEMS0aXK0TmptfqdKvqzLN1BdJQX+ root@ubuntuserver
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQGDQdF0UJLUJqVU1B8E1vaJfsYDsqkC5Nad2bbvVH1lf7zr2HQJ3S/6zSj2r7VuNraQNSWVbFwXtIBayvJByWP01yL29ATIYwufDLAse4xpkEs18bQb0VLvM1
/3l/g917mPT+QLCTIPoR2z6Igh7ZmMvU4UJ0ZHasJENDB/pkAmB6LRTFwYEnDdmY30J5InfsR14FwACJeeJ14JF60HTYTxYsNE680+atF23x+PH4zV1bKACNxt0RdKTOUhw6Ah1aydFTINSBa00N6p7Iap
Cmb/V6TF0dzvKk@veeNQR3vIP/01Sux7ZRLIE051gTawshYRQCPH100cSL5oQLHf1FmHPy1/qk20Y3827zXhBCFPq8fc1QLuKEgonFu1vrezpa8VuuKc4No/wb0dE01+7k21TNfD1xSPH5NTms0J9cmUDk
6B10xJTI1v0wV9YSN11iVo1M5MGvd83Jt+Xmpt1MEdLauk/cxm61ycqK720nV13ncw2JU= root@ubuntuserver
----END SSH HOST KEY KEYS----
[ 27.525613] cloud-init[103]: Cloud-init v. 25.1.4-0ubuntu0~24.04.1 finished at Sun, 23 Nov 2025 08:37:47 +0000. Datasource DataSourceNone. Up 27.51 seconds
cristian
Password:
Welcome to Ubuntu 24.04.3 LTS (GNU/Linux 6.8.0-88-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/pro

System information as of Sun Nov 23 08:39:52 AM UTC 2025

System load:          0.09
Usage of /:           42.1% of 11.21GB
Memory usage:         7%
Swap usage:           0%
Processes:            117
Users logged in:      0
IPv4 address for enp0s3: 10.0.0.100
IPv6 address for enp0s3: 2601:249:8800:69a0::eedd
IPv6 address for enp0s3: 2601:249:8800:69a0:a00:27ff:fe0e:4dbc

Expanded Security Maintenance for Applications is not enabled.

30 updates can be applied immediately.
To see these additional updates run: apt list --upgradable

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

cristian@ubuntuserver:~$ _
```

## SS#2

IP is 10.0.0.100

```
cristian@ubuntuserver:~$ ip addr
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 08:00:27:0e:4d:bc brd ff:ff:ff:ff:ff:ff
    inet 10.0.0.100/24 metric 100 brd 10.0.0.255 scope global dynamic enp0s3
        valid_lft 172455sec preferred_lft 172455sec
    inet6 2601:249:8800:69a0::eedd/128 scope global dynamic noprefixroute
        valid_lft 7979sec preferred_lft 7979sec
    inet6 2601:249:8800:69a0:a00:27ff:fe0e:4dbc/64 scope global dynamic mngtmpaddr noprefixroute
        valid_lft 8321sec preferred_lft 8321sec
    inet6 fe80::a00:27ff:fe0e:4dbc/64 scope link
        valid_lft forever preferred_lft forever
cristian@ubuntuserver:~$ _
```

SS#3 Logged into openvpn access server as admin

Ubuntu VPN Software Pa x Access Server Portal x Access server admin port x +

https://10.0.0.100/admin/status

OffSec Kali Linux Kali Tools Kali Docs Kali Forums Kali NetHunter Exploit-DB Google Hacking DB

### Access Server 3.0.1

- Status
- VPN Server
- Users
- Groups
- Access Controls
- Authentication
- Web Services
- Certificate Management
- Advanced
- Activation

## Status

Overview Active Connections Activity Log

**Status** Operational with issues

Name	Status	Message
openvpn	warning	OpenVPN data-channel offloading was requested but failed to activate OpenVPN data-channel offloading was requested but failed to activate. This typically happens if there is a configuration option that is incompatible with DCO or if the DCO kernel module could not be loaded.

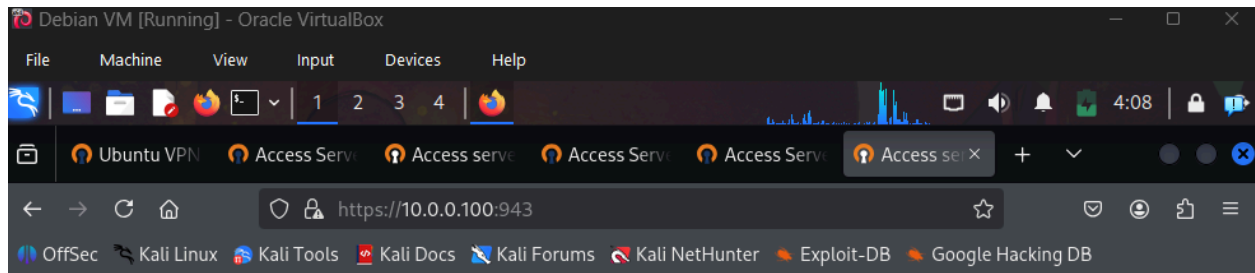
**Connections** View active connections

<div style="width: 100%; height: 10px; background-color: #ffc107;"></div>		
0	1	2
In use (on this node)		0
Available		2
<b>Total</b>		<b>2</b>

**Server Details**

Server address	10.0.0.100
Access Server version	3.0.1
Operating System	Ubuntu 24.04.3 LTS
OS hostname	ubuntuserver
Accepting connections on	all
Port	tcp/443, udp/1194
Default authentication system	local

## SS#4 Logged onto openvpn as client



### Access Server



#### Get connected



OpenVPN for Linux

[Read Installation Guide](#)

Already have your client installed? Download your profile below.

[↓ Connection profile](#)

For other platforms



SS #5 Different way of connecting since im on a linux machine

sudo openvpn --config client.ovpn

```
(cristian@kali)-[~/Downloads]
└─$ sudo openvpn --config profile-userlocked.ovpn
[sudo] password for cristian:
2025-11-23 04:16:32 DEPRECATED OPTION: --cipher set to 'AES-256-CBC' but missing in --data-ciphers (AES-256-GCM:AES-128-GCM:CHACHA20-POLY1305). OpenVPN ignores --cipher for cipher negotiations.
2025-11-23 04:16:32 Note: Kernel support for ovpn-dco missing, disabling data channel offload.
2025-11-23 04:16:32 OpenVPN 2.6.14 x86_64-pc-linux-gnu [SSL (OpenSSL)] [LZO] [LZ4] [EPOLL] [PKCS11] [MH/PKTINFO] [AEAD] [DCO]
2025-11-23 04:16:32 library versions: OpenSSL 3.5.0 8 Apr 2025, LZO 2.10
2025-11-23 04:16:32 DCO version: N/A
Enter Auth Username: openvpn
Enter Auth Password: .....
2025-11-23 04:18:19 TCP/UDP: Preserving recently used remote address: [AF_INET]10.0.0.100:1194
2025-11-23 04:18:19 Socket Buffers: R=[212992→212992] S=[212992→212992]
2025-11-23 04:18:19 UDPv4 link local: (not bound)
2025-11-23 04:18:19 UDPv4 link remote: [AF_INET]10.0.0.100:1194
2025-11-23 04:18:19 TLS: Initial packet from [AF_INET]10.0.0.100:1194, sid=b9ee7462 e8159c82
```

SS#6 successful connection “hanging” command means its working

```
cristian@kali: ~/Downloads
File Actions Edit View Help
rameter(s) in [PUSH-OPTIONS]:17: register-dns (2.6.14)
2025-11-23 04:18:20 OPTIONS IMPORT: --ifconfig/up options modified
2025-11-23 04:18:20 OPTIONS IMPORT: route options modified
2025-11-23 04:18:20 OPTIONS IMPORT: route-related options modified
2025-11-23 04:18:20 OPTIONS IMPORT: --ip-win32 and/or --dhcp-option options modified
2025-11-23 04:18:20 OPTIONS IMPORT: tun-mtu set to 1420
2025-11-23 04:18:20 net_route_v4_best_gw query: dst 0.0.0.0
2025-11-23 04:18:20 net_route_v4_best_gw result: via 10.0.2.2 dev eth0
2025-11-23 04:18:20 ROUTE_GATEWAY 10.0.2.2/255.255.255.0 IFACE=eth0 HWADDR=08:00:27:a4:b2:5c
2025-11-23 04:18:20 TUN/TAP device tun0 opened
2025-11-23 04:18:20 net_iface_mtu_set: mtu 1420 for tun0
2025-11-23 04:18:20 net_iface_up: set tun0 up
2025-11-23 04:18:20 net_addr_v4_add: 172.27.236.2/22 dev tun0
2025-11-23 04:18:20 Data Channel: cipher 'AES-256-GCM', peer-id: 0
2025-11-23 04:18:20 Timers: ping 12, ping-restart 50
2025-11-23 04:18:20 Protocol options: explicit-exit-notify 1, protocol-flags cc-exit tls-ekm dyn-tls-crypt
2025-11-23 04:18:25 ROUTE remote_host is NOT LOCAL
2025-11-23 04:18:25 net_route_v4_add: 10.0.0.100/32 via 10.0.2.2 dev [NULL] table 0 metric -1
2025-11-23 04:18:25 net_route_v4_add: 0.0.0.0/1 via 172.27.236.1 dev [NULL] table 0 metric -1
2025-11-23 04:18:25 net_route_v4_add: 128.0.0.0/1 via 172.27.236.1 dev [NULL] table 0 metric -1
2025-11-23 04:18:25 Initialization Sequence Completed
```

SS#7+8 Windows GUI successful connection with details shown

The screenshot displays the OpenVPN Connect application window. At the top, the title bar reads "OpenVPN Connect". Below the title bar, there are two icons: a hamburger menu on the left and a help icon on the right. The main content area features a large green checkmark and the text "Securely Connected!" followed by a timer "00:00:11". Below this, a server profile is shown with a server icon, the name "openvpn@10.0.0.100 [profil...", and the IP address "10.0.0.100". A prominent "Disconnect" button is centered below the server information. A network speed indicator shows "82.57 KB/s". A line graph below the indicator shows two data series: a blue line for download speed and a red line for upload speed. At the bottom, the current speeds are displayed: "↓ 12.76 KB/s" and "↑ 6.77 KB/s", with a timestamp of "~0 sec ago". A "More Details" button with an eye icon is located at the bottom center.

OpenVPN Connect

Securely Connected!  
00:00:11

openvpn@10.0.0.100 [profil...  
10.0.0.100

Disconnect

82.57 KB/s

↓ 12.76 KB/s    ↑ 6.77 KB/s    ~0 sec ago

More Details

Securely Connected!

00:00:08



**openvpn@10.0.0.100 [profil...**  
10.0.0.100

**Disconnect**

 **Hide Details**

**You:**

Private IP (IPv4) **172.27.236.4**

**Server:**

Server Public IP **10.0.0.100**

Port / Protocol **1194 / UDP**