

1. Launch one amazon-linux instance (public server).
2. And follow the commands for open-vpn.

## **Install OpenVPN access server on Amazon Linux**

3. `yum -y install https://as-repository.openvpn.net/as-repo-amzn2.rpm`
4. `yum -y install openvpn-as`

### **Check the status of service using**

5. `systemctl status openvpnas.service`

### **Now configure the openvpn using root permission**

6. `/usr/local/openvpn_as/bin/ovpn-init --force`  
# after above command, browse this url '<https://52.66.96.176:943/admin>' which is shown in your system. but here give the public ip of your instance instead 52.66.96.176.  
Login with username : openvpn  
                                Passwd : XcuJZeKcCHv9  
Goto configurations, here click on network settings and here give the public ip of your ec2  
In hostname or ip address.  
Save settings and run server.

## **OpenVPN client installation (local machine terminal)**

7. **apt install apt-transport-https**
8. **curl -fsSL**  
**`https://swupdate.openvpn.net/repos/openvpn-repo-pkg-key.pub | gpg --dearmor > /etc/apt/trusted.gpg.d/openvpn-repo-pkg-keyring.gpg`**
9. **curl -fsSL**  
**`https://swupdate.openvpn.net/community/openvpn3/repos/openvpn3-focal.list > /etc/apt/sources.list.d/openvpn3.list`**
10. **apt update && apt install openvpn3**

### **Connect:**

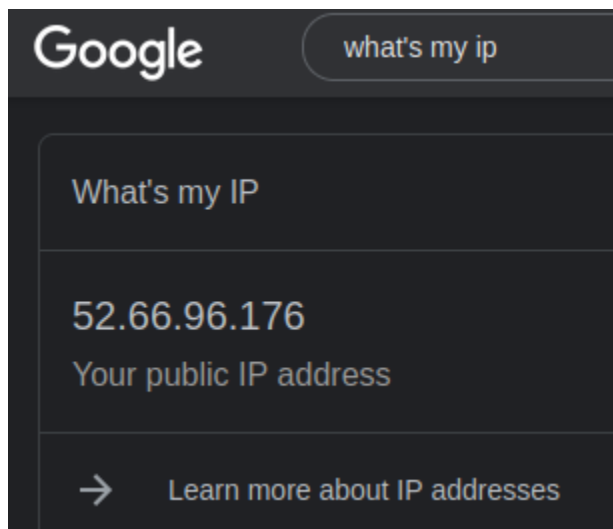
**# here we require user config profile for that we just browse the url**  
**<https://52.66.96.176:943/>**

# from the above url we login as user not admin with same passwd and name  
Here download the user-locked-profile which we can use in the below command.

11. `openvpn3 session-start --config <profile.ovpn>`

# we can test the ip's of your system and instance here you get both the ip's same

# local laptop ip and instance public ip both are same.



<input checked="" type="checkbox"/>	demo	i-0991a0c232da2dcbf	<span>Running</span>	t2.micro	<span>2/2 checks passed</span>	No alarms	+	ap-sout
<input type="checkbox"/>	private-server	i-00d32ca6647562a35	<span>Running</span>	t2.micro	<span>2/2 checks passed</span>	No alarms	+	ap-sout

**Instance: i-0991a0c232da2dcbf (demo)**

Details

Security

Networking

Storage

Status checks

Monitoring

Tags

▼ Instance summary [Info](#)

Instance ID

i-0991a0c232da2dcbf (demo)

Public IPv4 address

52.66.96.176 [open address](#)

Private IPv4 addresses

10.0.3.142

```
root@shoaib-Gateway-NE46Rs:/home/shoaib# ping 10.0.3.142
PING 10.0.3.142 (10.0.3.142) 56(84) bytes of data:
64 bytes from 10.0.3.142: icmp_seq=1 ttl=255 time=16.5 ms
64 bytes from 10.0.3.142: icmp_seq=2 ttl=255 time=16.6 ms
64 bytes from 10.0.3.142: icmp_seq=3 ttl=255 time=16.0 ms
64 bytes from 10.0.3.142: icmp_seq=4 ttl=255 time=17.0 ms
64 bytes from 10.0.3.142: icmp_seq=5 ttl=255 time=16.6 ms
```

