ip a – shows only private IP ;-(((

**What it does:** Shows all network details of your Ubuntu server.  
**Why use it:** It’s the newer command instead of the old ifconfig.  
**What you’ll see:** Lists all network interfaces (like “eth0” or “lo”) with their IP addresses (both private and possibly public if directly assigned).

curl -s <http://169.254.169.254/latest/meta-data/public-ipv4> - does not show anything – silent...

**What it does:** Asks AWS: “Hey, what’s my public IP?”  
**Why use it:** Shows the public IP address that the outside world uses to reach your server. **169.254.169.254:** This is a special AWS internal address that all EC2 instances can use to get information about themselves.  
**-s:** Means “silent mode” — it hides extra download info and just shows the IP.

curl -s <http://169.254.169.254/latest/meta-data/local-ipv4>- does not show anything – silent...

**What it does:** Asks AWS: “Hey, what’s my private IP?”  
**Why use it:** Shows the private IP address your server has inside the AWS network (used when talking to other AWS resources in the same VPC).

**Set Elastic IP – Recommended**

1. In the **EC2 Console**, go to **Elastic IPs** → **Allocate Elastic IP address**.  
   Click **Allocate** (you’ll get a static IP).
2. Select the newly allocated Elastic IP → **Actions → Associate Elastic IP address**.
3. In the dialog:
   * **Resource type**: Choose **Instance**.
   * **Instance**: Select your running instance.
   * **Private IP address**: Choose the private IP listed in your instance details (e.g., 172.31.xx.xx).
4. Choose your instance (or its network interface) and click **Associate**.
   * This IP will **never change** until you release it.

**Set Elastic IP – Recommended**

* In the EC2 **Instances** page, click your instance and check that the **Public IPv4 address** now shows the Elastic IP you just assigned.

A close-up of a computer screen

AI-generated content may be incorrect.

