

## AUTO SCALING GROUP

**Step-1:** Select on created server name (amazon server 1), go to action, select image and templates and click create templates from instance > Give the launch template name and description, click create launch template and the template was created successfully.

The screenshot shows the AWS EC2 Instances page with four instances listed:

| Name              | Instance ID         | Instance state | Instance type | Status check      | Alarm status  | Availability Zone | Public IP   |
|-------------------|---------------------|----------------|---------------|-------------------|---------------|-------------------|---|
| Flipkart Server 1 | i-0b528135591f5cbcc | Running        | t2.micro      | 2/2 checks passed | View alarms + | ap-south-1a       | ec2-15-200-255-224.ap-south-1.compute.amazonaws.com |
| Flipkart Server 1 | i-0dbb92e53c9b57c08 | Running        | t2.micro      | 2/2 checks passes | View alarms + | ap-south-1a       | ec2-15-200-255-224.ap-south-1.compute.amazonaws.com |
| Flipkart Server 1 | i-04280ddff2b6914b  | Running        | t2.micro      | 2/2 checks passed | View alarms + | ap-south-1b       | ec2-15-200-255-224.ap-south-1.compute.amazonaws.com |
| Flipkart          | i-0f5e84a955da6c109 | Running        | t2.micro      | 2/2 checks passed | View alarms + | ap-south-1b       | ec2-15-200-255-224.ap-south-1.compute.amazonaws.com |

The instance **i-0b528135591f5cbcc (Flipkart Server 1)** is selected. The modal details show:

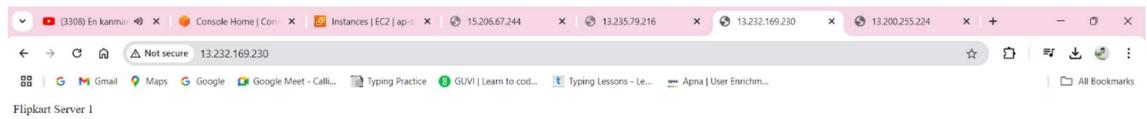
- Public IPv4 address copied:** 13.200.255.224 | [open address](#)
- Instance summary:** Instance ID: i-0b528135591f5cbcc (Flipkart Server 1), Instance state: Running, IPv6 address: -, Hostname type: IP name: ip-172-31-54-225.ap-south-1.compute.internal, Answer private resource DNS name: IPv4 (A).
- Private IPv4 addresses:** 172.31.54.225
- Public IPv4 DNS:** ec2-15-200-255-224.ap-south-1.compute.amazonaws.com | [open address](#)
- Elastic IP addresses:** -

**Step 2:** Give the launch template name and description, click Create launch template and the template was created successfully > Create one classic load balancer without adding the instance > Then go to the auto-scaling group and select Create ASG > Provide the name, select the temp in launch instance and go to next page > Under the network select all three-check box in availability zones. Go to the next page > Choose attach to an existing load balancer, choose from classic load balancers, under CLB, select sample-LB then click next > Give desired capacity-3, min desired capacity-3, max desired capacity-6, choose “target tracking scaling policy”, give target value-85 then click next > Skip the notification page. Give value in key, Flipkart in value and go to next. Select Create auto-scaling group > The auto-scaling group was created > Three new servers are created on the instance page. Select one server, copy the public IP address and paste it in the browser.

The screenshot shows the AWS EC2 Load Balancers console. The left sidebar navigation includes Services, Images, Elastic Block Store, Network & Security, Load Balancing, Auto Scaling, and Settings. Under Load Balancing, 'Load Balancers' is selected. The main content area displays a table titled 'Load balancers (1)'. The table has columns for Name, DNS name, State, VPC ID, Availability Zones, and Type. One row is listed: 'fix-er' with 'fix-er-349523658.ap-south-1.elasticloadbalancing.amazonaws.com' as the DNS name, 'vpc-029de1b7fa75ccbb6' as the VPC ID, 'ap-south-1' as the Availability Zone, and 'classic' as the Type. A message at the bottom says '0 load balancers selected'.

The screenshot shows the AWS Auto Scaling Groups console. The left sidebar navigation includes Services, Images, Elastic Block Store, Network & Security, Load Balancing, Auto Scaling, and Settings. Under Auto Scaling, 'Auto Scaling Groups' is selected. The main content area displays a table titled 'Auto Scaling groups (1/1) - Info'. The table has columns for Name, Launch template/configuration, Instances, Status, Desired capacity, and Min. One row is listed: 'tixerv-ie' with 'tik-pic | Version Default' as the launch template, 3 instances, and a status of '3 - 3'. A message at the bottom says '0 auto scaling groups selected'.

The screenshot shows the AWS EC2 Instances console. The left sidebar navigation includes Services, Images, Elastic Block Store, Network & Security, and Settings. Under Instances, 'Instances' is selected. The main content area displays a table titled 'Instances (1/4) - Info'. The table has columns for Instance ID, Instance state, Instance type, Status check, Alarm status, Availability Zone, and Public IP. Four instances are listed: 'Flipkart Server 1' (i-0b528135591f5cbcc), 'Flipkart Server 1' (i-0d8b02e5c6fb57ee8), 'Flipkart Server 1' (i-04280d4ff2b6014b), and 'Flipkart' (i-0f5e54a954d6c109). All instances are in a 'Running' state. A detailed view for 'i-0b528135591f5cbcc (Flipkart Server 1)' is shown at the bottom, including details like Instance ID, IP address, Hostname type, and Networking information.



Flipkart Server 1