

1. AWS ec2 console dashboard

The screenshot shows the AWS EC2 console dashboard. The left sidebar contains navigation links for EC2 Dashboard, EC2 Global View, Events, Instances, Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations, Images, AMIs, and AMI Catalog. The main content area displays a list of instances under the heading 'Instances (1/3) Info'. The list includes columns for Name, Instance ID, Instance state, Instance type, Status check, Alarm status, and Availability Zone. Three instances are listed: 'application 1' (t2.micro), 'jenkins-1' (t2.medium), and 'monitoring server' (t2.medium). Below the list, the details for 'Instance: i-07323853abd6b5d2a (application 1)' are shown, including tabs for Details, Security, Networking, Storage, Status checks, Monitoring, and Tags. The 'Details' tab is active, showing the Instance ID, Public IPv4 address (13.232.34.63), and Private IPv4 addresses (172.31.11.78).

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
application 1	i-07323853abd6b5d2a	Running	t2.micro	2/2 checks passed	No alarms	ap-south-1b
jenkins-1	i-040e688558410f897	Running	t2.medium	2/2 checks passed	No alarms	ap-south-1a
monitoring server	i-0a82586b52bcca45b	Running	t2.medium	2/2 checks passed	No alarms	ap-south-1a

Instance: i-07323853abd6b5d2a (application 1)

Details | Security | Networking | Storage | Status checks | Monitoring | Tags

Instance summary Info

Instance ID: i-07323853abd6b5d2a (application 1)

Public IPv4 address: 13.232.34.63 [open address](#)

Private IPv4 addresses: 172.31.11.78

2. security group of application server

The screenshot shows the AWS EC2 console dashboard with a filter applied to 'Instance state = running'. The list of instances is the same as in the previous screenshot. Below the list, the details for 'Instance: i-07323853abd6b5d2a (application 1)' are shown, including tabs for Details, Security, Networking, Storage, Status checks, Monitoring, and Tags. The 'Security' tab is active, showing a table of security groups for the instance.

Protocol	Source	Security groups	Description
TCP	152.58.227.49/32	launch-wizard-11	-
TCP	sg-0b4eb5d4dc381a2c9	launch-wizard-11	prometheus-server-SG
TCP	152.58.227.49/32	launch-wizard-11	ssh-port
TCP	0.0.0.0/0	launch-wizard-11	app-port

3. Security group of jenkins server

The screenshot shows the AWS Management Console for the 'ap-south-1' region. The 'Instances' page is active, displaying a list of three running instances: 'application 1', 'jenkins-1', and 'monitoring server'. The 'jenkins-1' instance is selected, and its details are shown below the list. The 'Security groups' tab is active, showing the 'launch-wizard-8' security group. The inbound rules table is as follows:

Port range	Protocol	Source	Security groups	Description
22	TCP	152.58.227.49/32	launch-wizard-8	ssh-port
8080	TCP	152.58.227.49/32	launch-wizard-8	jenkins-port

4. Security group of monitoring server

The screenshot shows the AWS Management Console for the 'ap-south-1' region. The 'Instances' page is active, displaying a list of three running instances: 'application 1', 'jenkins-1', and 'monitoring server'. The 'monitoring server' instance is selected, and its details are shown below the list. The 'Security groups' tab is active, showing the 'launch-wizard-10' security group. The inbound rules table is as follows:

Port range	Protocol	Source	Security groups	Description
22	TCP	152.58.227.49/32	launch-wizard-10	ssh
9100	TCP	152.58.224.79/32	launch-wizard-10	prometheus-metrics
9090	TCP	0.0.0.0/0	launch-wizard-10	prometheus
3000	TCP	0.0.0.0/0	launch-wizard-10	grafana-server