

## 1. VPC

The screenshot shows the AWS VPC console interface. The left sidebar contains navigation links for VPC dashboard, EC2 Global View, and various VPC resources. The main content area displays 'Your VPCs (1)' with a search bar and a table of VPCs. The table has columns for Name, VPC ID, State, IPv4 CIDR, IPv6 CIDR, and DHCP options. One VPC is listed: 'fast-tech-solutions-vpc' with ID 'vpc-07ce2f8a85a5ac4cc' and state 'Available'. Below the table, there is a section to 'Select a VPC above'.

Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR	DHCP options
fast-tech-solutions-vpc	vpc-07ce2f8a85a5ac4cc	Available	10.1.0.0/16	-	dhcp-05

The screenshot shows the AWS VPC console interface for subnets. The left sidebar is the same as the previous screenshot. The main content area displays 'Subnets (2)' with a search bar and a table of subnets. The table has columns for Name, Subnet ID, State, VPC, and IPv4 CIDR. Two subnets are listed: 'fast-tech-solutions-subnet-private1-ap-...' with ID 'subnet-0b9ab3115fa726cd8' and 'fast-tech-solutions-subnet-public1-ap-...' with ID 'subnet-07f36396dc2ca688'. Both are in the 'Available' state. Below the table, there is a section to 'Select a subnet'.

Name	Subnet ID	State	VPC	IPv4 CIDR
fast-tech-solutions-subnet-private1-ap-...	subnet-0b9ab3115fa726cd8	Available	vpc-07ce2f8a85a5ac4cc   fast-t...	10.1.128.0/20
fast-tech-solutions-subnet-public1-ap-s...	subnet-07f36396dc2ca688	Available	vpc-07ce2f8a85a5ac4cc   fast-t...	10.1.0.0/20

## 2. SUBNETS

Route tables (3) Info

Find resources by attribute or tag

vpc-07ce2f8a85a5ac4cc X Clear filters

<input type="checkbox"/>	Name	Route table ID	Explicit subnet associati...	Edge associatio
<input type="checkbox"/>	fast-tech-solutions-rtb-public	<a href="#">rtb-0588877e237f06ab2</a>	<a href="#">subnet-07f36396dcc2ca6...</a>	-
<input type="checkbox"/>	fast-tech-solutions-rtb-private1-ap-sou...	<a href="#">rtb-0a5fb9a95d10b164d</a>	<a href="#">subnet-0b9ab3115fa726...</a>	-
<input type="checkbox"/>	-	<a href="#">rtb-091a095b94760c7f8</a>	-	-

Select a route table

### 3.Route table

Instances (2) Info

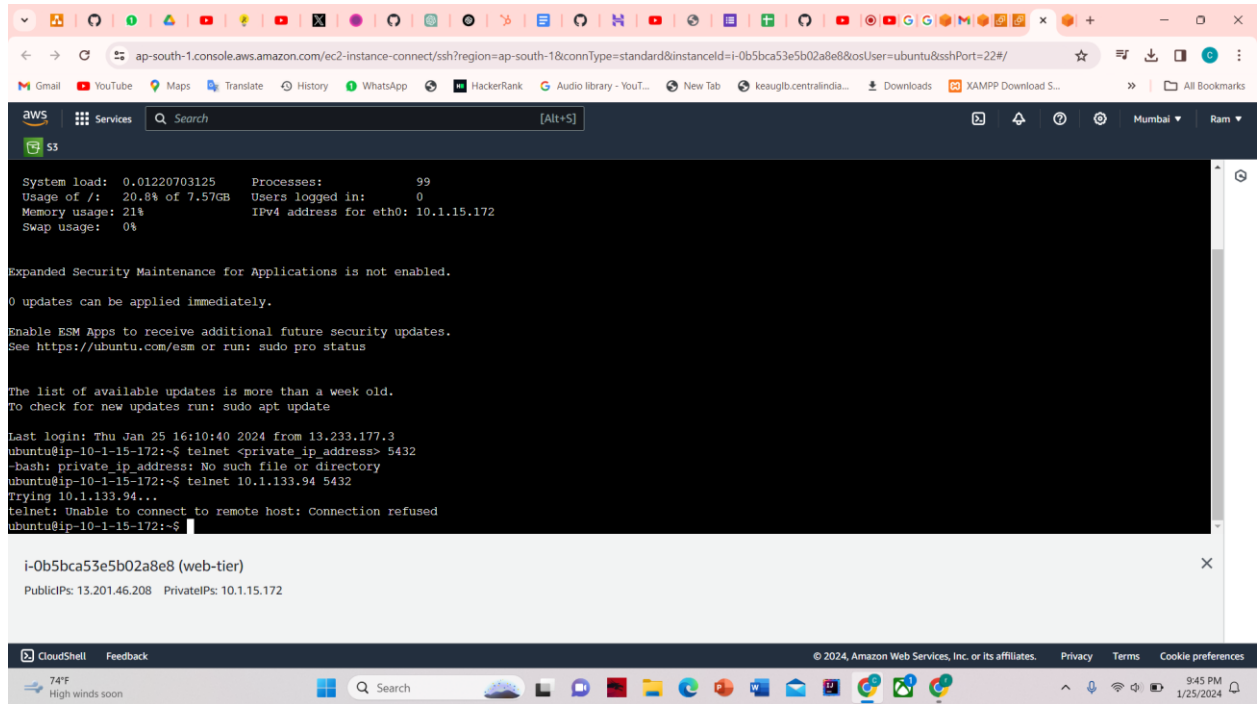
Find Instance by attribute or tag (case-sensitive)

Any state

<input type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IP
<input type="checkbox"/>	web-tier	i-0b5bca53e5b02a8e8	Running	t2.micro	2/2 checks passed	View alarms +	ap-south-1a	ec2-13-20...
<input type="checkbox"/>	database-tier	i-0aa2e83a18efSeed2	Running	t2.micro	2/2 checks passed	View alarms +	ap-south-1a	-

Select an instance

### 4.EC2



5. SSH to web-tier EC2 instance and try to connect to database-tier using telnet. Syntax below

telnet 10.1.133.94 5432