

Cloud Computing Lab 3 - Virtual Private Cloud and migration of your existing application into the VPC.

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Section : G

Task-a

The screenshot shows the AWS Management Console interface for Elastic IP addresses. The page title is "Elastic IP addresses (1/1)". There is a search bar and a table with the following columns: Name, Allocated IPv4 address, Type, Allocation ID, Associated instance ID, Private IP address, and Association ID. The table contains one entry with the name "-", allocated IPv4 address "54.157.254.105", type "Public IP", allocation ID "eipalloc-08aad0b3d79e97b8", and other fields are empty.

Name	Allocated IPv4 address	Type	Allocation ID	Associated instance ID	Private IP address	Association ID
-	54.157.254.105	Public IP	eipalloc-08aad0b3d79e97b8	-	-	-

The screenshot shows the AWS Management Console interface for VPCs. The page title is "Your VPCs (2)". There is a search bar and a table with the following columns: Name, VPC ID, State, IPv4 CIDR, IPv6 CIDR (Network border group), and IPv6 pool. The table contains two entries: one with name "-", VPC ID "vpc-95b017e8", state "Available", IPv4 CIDR "172.31.0.0/16", and another with name "PES1201800177", VPC ID "vpc-05badf827fb4e2bb6", state "Available", and IPv4 CIDR "10.0.0.0/16".

Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR (Network border group)	IPv6 pool
-	vpc-95b017e8	Available	172.31.0.0/16	-	-
PES1201800177	vpc-05badf827fb4e2bb6	Available	10.0.0.0/16	-	-

The screenshot shows the AWS Management Console interface for Subnets. The page title is "Subnets (8)". There is a search bar and a table with the following columns: Name, Subnet ID, State, VPC, IPv4 CIDR, IPv6 CIDR, and Available IPv4 addresses. The table contains eight entries, including public and private subnets, all with state "Available".

Name	Subnet ID	State	VPC	IPv4 CIDR	IPv6 CIDR	Available IPv4 addresses
-	subnet-4d7cf72b	Available	vpc-95b017e8	172.31.0.0/20	-	4091
-	subnet-bdc39eb3	Available	vpc-95b017e8	172.31.64.0/20	-	4091
Public subnet	subnet-05513f0e9adc72958	Available	vpc-05badf827fb4e2bb6 PES...	10.0.0.0/24	-	250
-	subnet-232eba7c	Available	vpc-95b017e8	172.31.32.0/20	-	4091
Private subnet	subnet-0b43926fc21c09a84	Available	vpc-05badf827fb4e2bb6 PES...	10.0.1.0/24	-	251
-	subnet-4cf9686d	Available	vpc-95b017e8	172.31.80.0/20	-	4091
-	subnet-48815f79	Available	vpc-95b017e8	172.31.48.0/20	-	4091
-	subnet-561a401b	Available	vpc-95b017e8	172.31.16.0/20	-	4091

subnet-05513f0e9adc72958 / Public subnet

Details			
Subnet ID subnet-05513f0e9adc72958	State Available	VPC vpc-05badf827fb4e2bb6 PE51201800177	IPv4 CIDR 10.0.0.0/24
Available IPv4 addresses 250	IPv6 CIDR -	Availability Zone us-east-1a	Availability Zone ID use1-az6
Network border group us-east-1	Route table rtb-03b12179a0ceefae1	Network ACL acl-09af854cfc545319e	Default subnet No
Auto-assign public IPv4 address No	Auto-assign IPv6 address No	Auto-assign customer-owned IPv4 address No	Customer-owned IPv4 pool -
Outpost ID -	Owner 578078719631	Subnet ARN arn:aws:ec2:us-east-1:578078719631:subnet/subnet-05513f0e9adc72958	

Inbound rules (2)								Edit inbound rules
Filter inbound rules								< 1 > ⚙
Rule number	Type	Protocol	Port range	Source	Allow/Deny			
100	HTTP (80)	TCP (6)	80	0.0.0.0/0	Allow			
*	All traffic	All	All	0.0.0.0/0	Deny			

Task -b

NOTIFICATIONS	Email: --	EDIT
Network	Database subnets: subnet-05513f0e9adc72958, subnet-0b43926fc21c09a84 Instance subnets: subnet-0b43926fc21c09a84 Public IP address: disabled VPC: vpc-05badf827fb4e2bb6 Visibility: public	EDIT
	Endpoint: aa1wd4wcxyjgz5.cgsaw10mfq5k.us-east-1.rds.amazonaws.com:3306 Availability: Low (one AZ)	