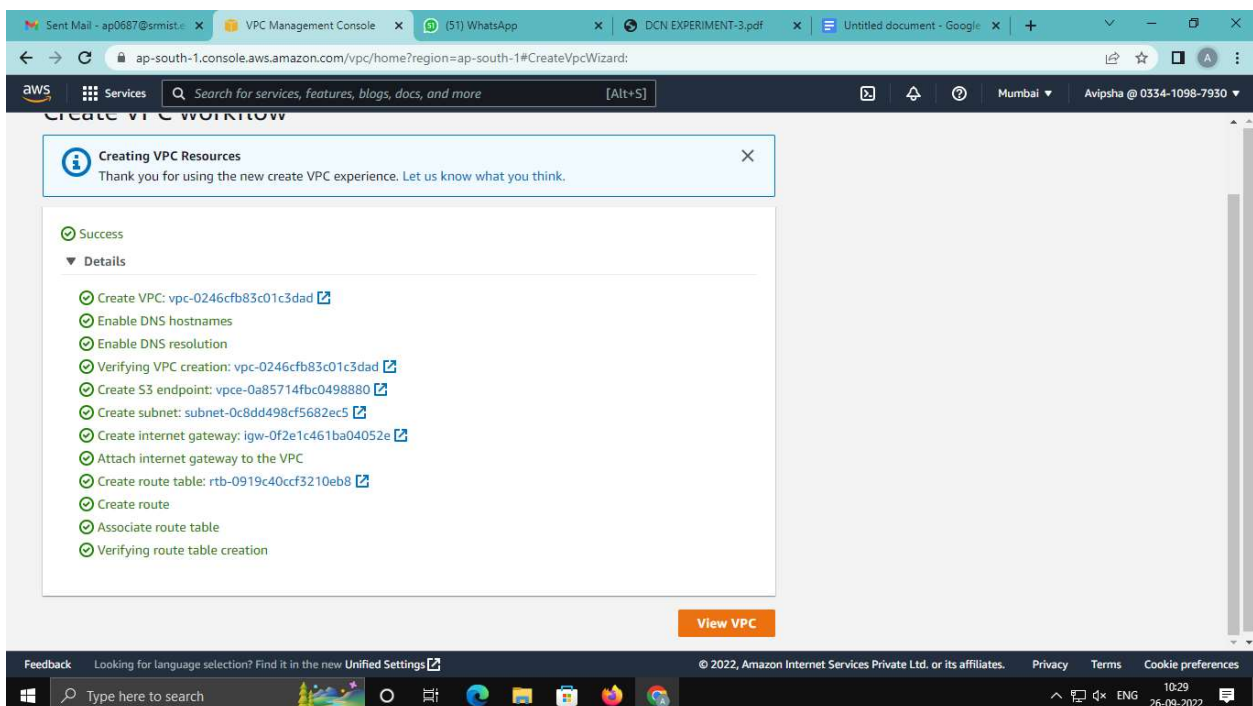
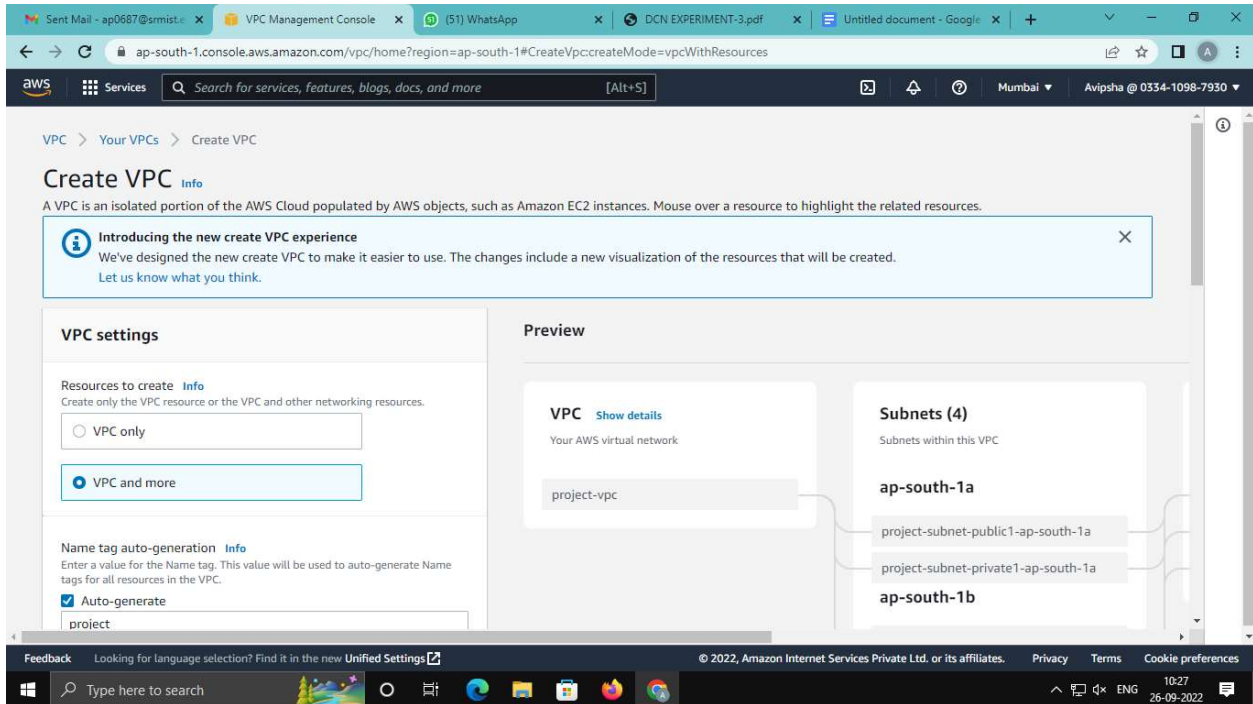


## Experiment 3 - Configuring Virtual Private Cloud VPC & Troubleshoot a VPC

AIM: To configure a Virtual Private Cloud VPC & Troubleshoot a VPC

AVIPSHA PANIGRAHI

RA2011028010101



ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#VpcDetails:VpcId=vpc-0246cfb83c01c3dad

aws Services Search for services, features, blogs, docs, and more [Alt+S]

New VPC Experience Tell us what you think

VPC dashboard  
EC2 Global View New  
Filter by VPC:  
Select a VPC

Virtual private cloud  
Your VPCs  
Subnets  
Route tables  
Internet gateways  
Egress-only internet gateways  
DHCP Option Sets  
Elastic IPs  
Managed prefix lists  
Endpoints  
Endpoint services  
NAT gateways

vpc-0246cfb83c01c3dad / project-vpc

Details Info

VPC ID vpc-0246cfb83c01c3dad	State Available	DNS hostnames Enabled	DNS resolution Enabled
Tenancy Default	DHCP option set dopt-0914d3f439bc6c5a5	Main route table rtb-054a72387fb1bb4c2	Main network ACL acl-0e3b5e6afc4ab1b17
Default VPC No	IPv4 CIDR 10.0.0.0/16	IPv6 pool -	IPv6 CIDR -
Route 53 Resolver DNS Firewall rule groups -	Owner ID 033410987930		

CIDRs Flow logs Tags

Feedback Looking for language selection? Find it in the new Unified Settings

© 2022, Amazon Internet Services Private Ltd. or its affiliates. Privacy Terms Cookie preferences

Type here to search

ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#subnets:

aws Services Search for services, features, blogs, docs, and more [Alt+S]

New VPC Experience Tell us what you think

VPC dashboard  
EC2 Global View New  
Filter by VPC:  
Select a VPC

Virtual private cloud  
Your VPCs  
Subnets  
Route tables  
Internet gateways  
Egress-only internet gateways  
DHCP Option Sets  
Elastic IPs  
Managed prefix lists  
Endpoints  
Endpoint services  
NAT gateways

Subnets (8) Info

Filter subnets

	Name	Subnet ID	State	VPC	IPv4 CIDR
<input type="checkbox"/>	project-subnet-priv...	subnet-09e6bcc577f402351	Available	vpc-04f70c0f9e4d4b340   proj...	10.0.144.0/20
<input type="checkbox"/>	project-subnet-pub...	subnet-0ab40c0c49d823c34	Available	vpc-04f70c0f9e4d4b340   proj...	10.0.16.0/20
<input type="checkbox"/>	project-subnet-pub...	subnet-0c8dd498cf5682ec5	Available	vpc-0246cfb83c01c3dad   proj...	10.0.0.0/20
<input type="checkbox"/>	project-subnet-priv...	subnet-059ccc13e5aa06d31	Available	vpc-04f70c0f9e4d4b340   proj...	10.0.128.0/20
<input type="checkbox"/>	-	subnet-075cf81313db9f313	Available	vpc-03c04caacad23031e	172.31.0.0/20

Select a subnet

Feedback Looking for language selection? Find it in the new Unified Settings

© 2022, Amazon Internet Services Private Ltd. or its affiliates. Privacy Terms Cookie preferences

Type here to search

ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#RouteTables:

Route tables (7) Info

Filter route tables

<input type="checkbox"/>	Name	Route table ID	Explicit subnet associat...	Edge associations	Main	VPC
<input type="checkbox"/>	project-rtb-public	rtb-0919c40ccf3210eb8	subnet-0c8dd498cf568...	-	No	vpc-0246cfb83
<input type="checkbox"/>	project-rtb-private...	rtb-0a536dd9a51904ac4	subnet-09e6bcc577f40...	-	No	vpc-04f70c0f9e
<input type="checkbox"/>	project-rtb-private...	rtb-08662d5e44aca7b31	subnet-059ccc13e5aa06...	-	No	vpc-04f70c0f9e
<input type="checkbox"/>	-	rtb-028871d5061789ad2	-	-	Yes	vpc-04f70c0f9e
<input type="checkbox"/>	-	rtb-054a72387fb1bb4c2	-	-	Yes	vpc-0246cfb83

Select a route table

Network ACLs (3) Info

Filter network ACLs

<input type="checkbox"/>	Name	Network ACL ID	Associated with	Default	VPC ID
<input type="checkbox"/>	-	acl-0e3b5e6af4ab1b17	subnet-0c8dd498cf5682ec5 / project-subnet-...	Yes	vpc-0246cfb83c01c3c
<input type="checkbox"/>	-	acl-092713e0ac4cf6b7a	4 Subnets	Yes	vpc-04f70c0f9e4d4b3
<input type="checkbox"/>	-	acl-0f287b737389a6088	3 Subnets	Yes	vpc-03c04caacad2303

Select a network ACL

RESULT: A Virtual Private Cloud (VPC) was successfully created and troubleshooted.