

Cloudformation contd..

Paramters in cloud formation

- Parameters help in providing input to the cloudformation templates [Refer Here](#)
- There are two types of parameters
 - User provided parameters
 - AWS Specific parameters
- Functions in cloud formation [Refer Here](#)

Lets add cidr ranges of vpc and subnets as paramters

- Trying to add parameter for cidr ranges

Specify stack details

Stack name

Stack name

 ✓

Stack name must be 1 to 128 characters, start with a letter, and only contain alphanumeric characters. Character count: 5/128.

Parameters

Parameters are defined in your template and allow you to input custom values when you create or update a stack.

subnetCidrs
subnet cidrs

 ✓

vpcCidr
This parameter defines the cidr block for vpc

 ✓

Cancel Previous **Next**

- [Refer Here](#) for the changes.

- Now lets add aws specific paramter to accept zone 1 and zone2 to be used in subnet creations

Specify stack details

Stack name

Stack name
ntier

Parameters

subnetCidrs
subnet cidrs
192.168.0.0/24, 192.168.1.0/24, 192.168.2.0/24, 192.168.3.0/24

vpcCidr
This parameter defines the cidr block for vpc
192.168.0.0/16

zone1
zone for running web 1 and db1 subnets
ap-south-2a

zone2
zone for running web 2 and db2 subnets
ap-south-2b

Cancel Previous Next

- [Refer Here](#) for the changes
- Create stack and apply the template

Your VPCs (1/2) Info

Search

Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR
ntier	vpc-04fa804c7d0140115	Available	192.168.0.0/16	-
-	vpc-09f05c1d2cbf7570d	Available	172.31.0.0/16	-

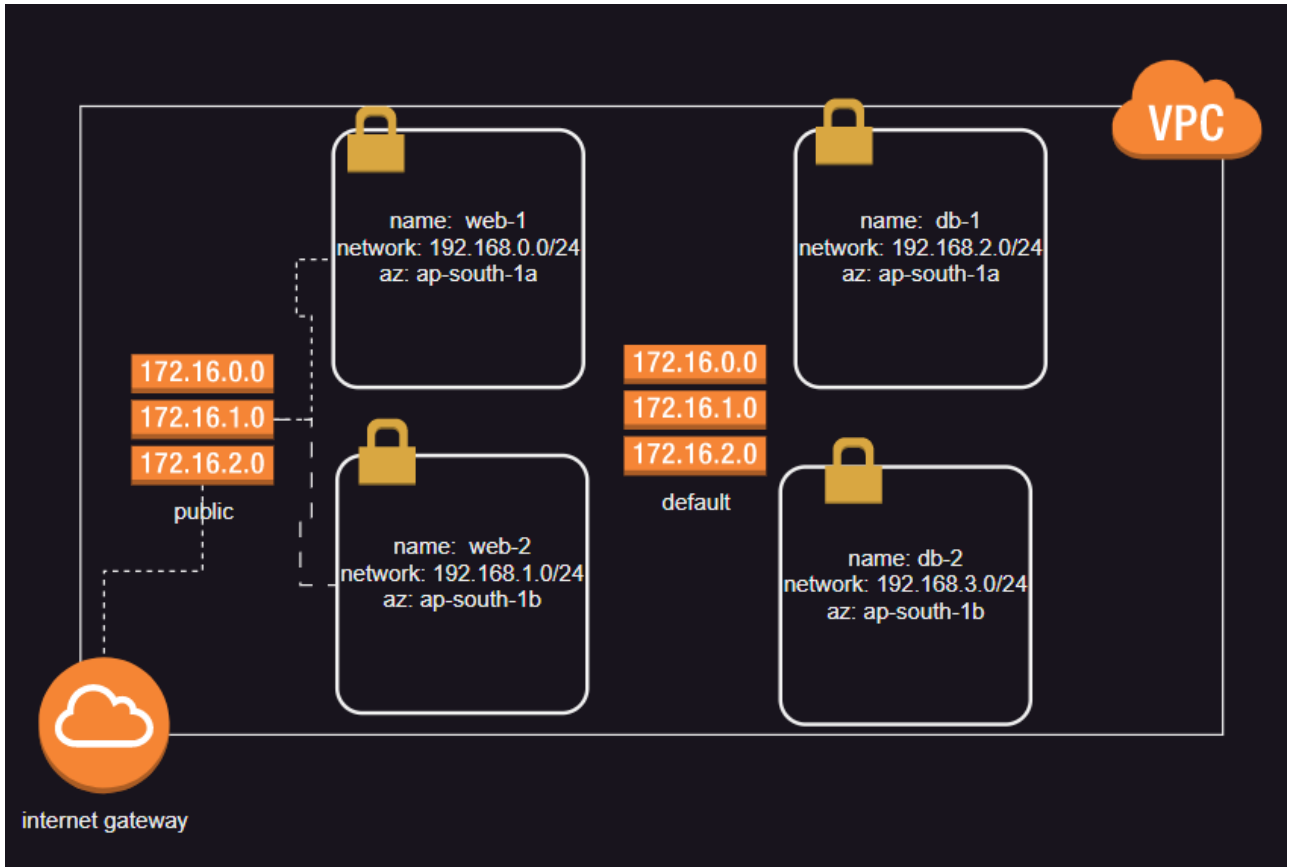
VPC Show details
Your AWS virtual network
ntier

Subnets (4)
Subnets within this VPC

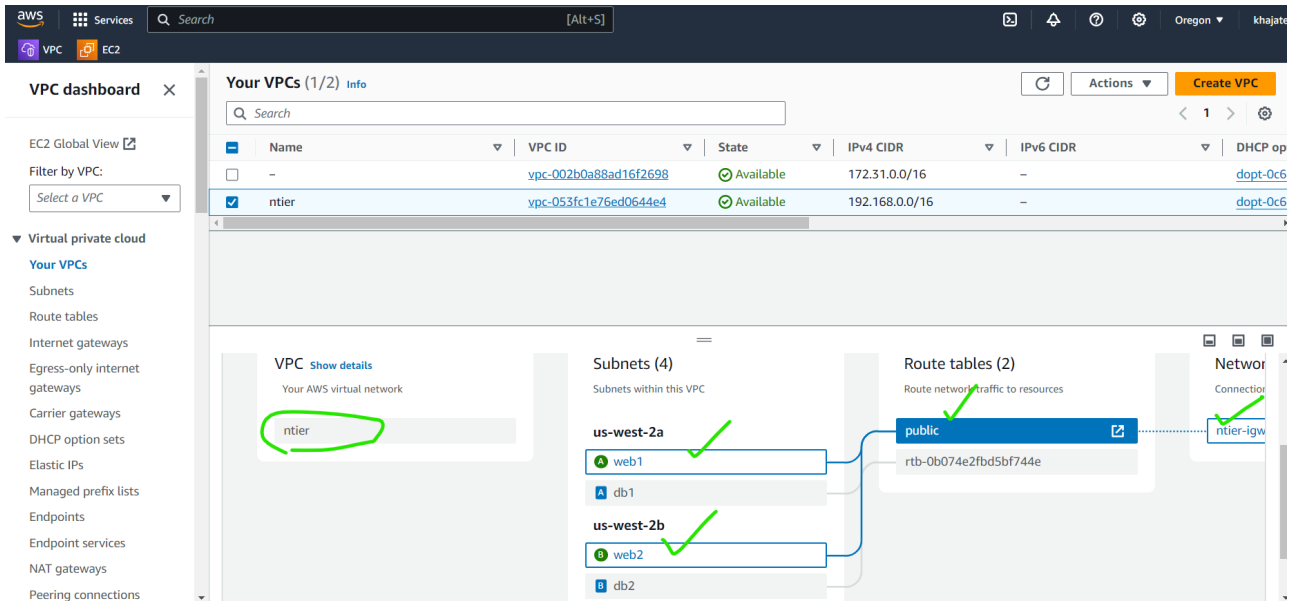
- ap-south-2a
 - web1
 - db1
- ap-south-2b
 - db2
 - web2

Route tables (1)
Route network traffic to resources
rtb-0b9b564f4284cf2ee

- Lets add a public route table, internet gateway and associations as shown below



- Create an internet gateway and attach it to vpc [Refer Here](#) for changes
- Create a route table, route to internet gateway and subnet association
- [Refer Here](#) for the changes and [Refer Here](#) for fix



ARM Templates

- Azure Resource Manager Templates.

- Resources in Azure are created with the help of resource providers [Refer Here](#)

