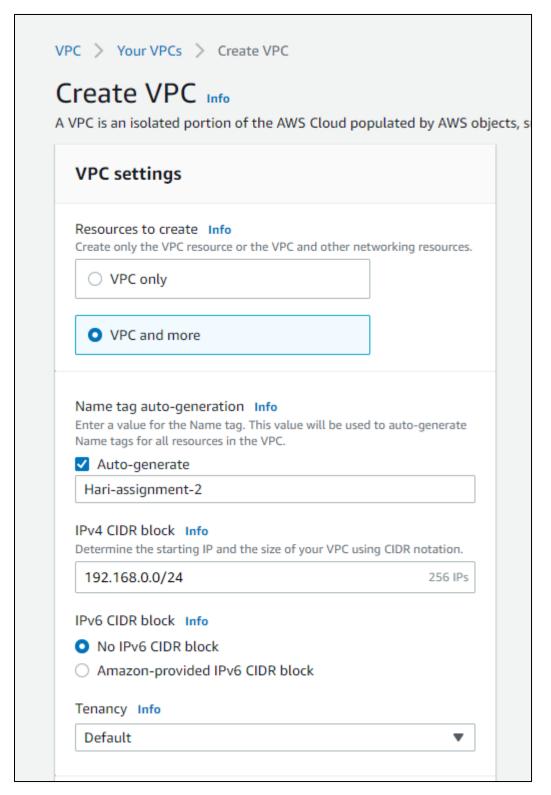
Step 1 :: Create a VPC with 2 Public and 2 Private subnets



# Number of Availability Zones (AZs) Info Choose the number of AZs in which to provision subnets. We recommend at least two AZs for high availability. 3 Customize AZs Number of public subnets Info The number of public subnets to add to your VPC. Use public subnets for web applications that need to be publicly accessible over the internet. 0 Number of private subnets Info The number of private subnets to add to your VPC. Use private subnets to secure backend resources that don't need public access. 2 4 Customize subnets CIDR blocks

### NAT gateways (\$) Info

Choose the number of Availability Zones (AZs) in which to create NAT gateways. Note that there is a charge for each NAT gateway

None	In 1 AZ	1 per AZ
------	---------	----------

#### VPC endpoints Info

Endpoints can help reduce NAT gateway charges and improve security by accessing S3 directly from the VPC. By default, full access policy is used. You can customize this policy at any time.

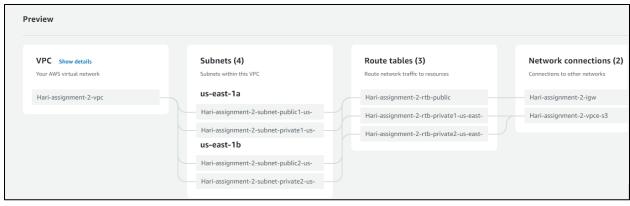
None	S3 Gateway
------	------------

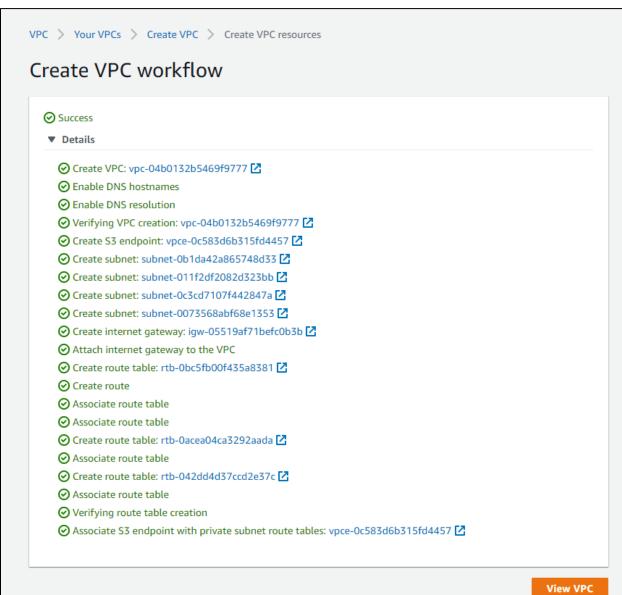
## DNS options Info

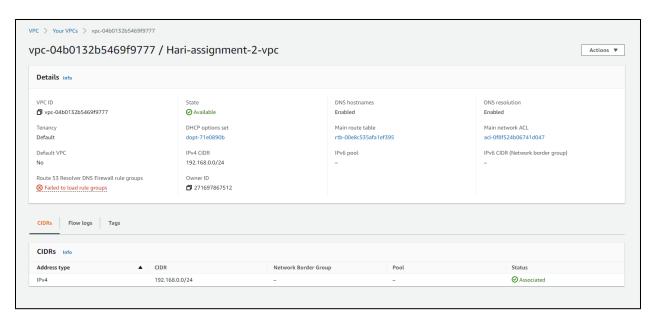
- Enable DNS hostnames
- Enable DNS resolution

Cancel

Create VPC











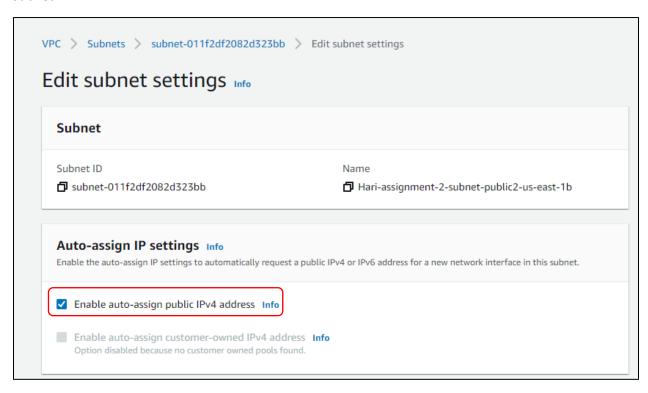


# Step 1.1 :: Editing Public subnets to auto assign IPv4 address

#### Subnet 1

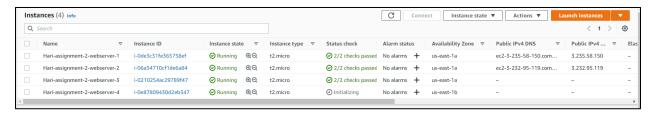
PC > Subnets > subnet-0b1da42a865748	8d33 > Edit subnet settings
Edit subnet settings Info	
Subnet	
Subnet ID	Name
<b>□</b> subnet-0b1da42a865748d33	Hari-assignment-2-subnet-public1-us-east-1a
Auto-assign IP settings Info	
Enable the auto-assign IP settings to automatically re	equest a public IPv4 or IPv6 address for a new network interface in this subnet.
Enable the auto-assign IP settings to automatically re  ✓ Enable auto-assign public IPv4 address In	

#### Subnet 2

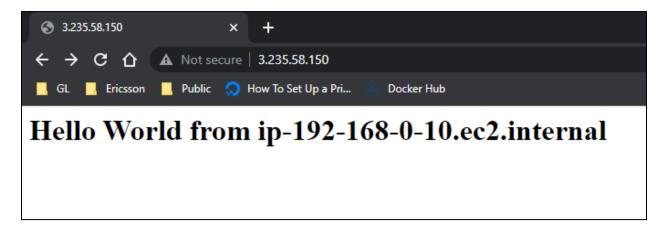


#### Step 2:: Creating EC2 instance

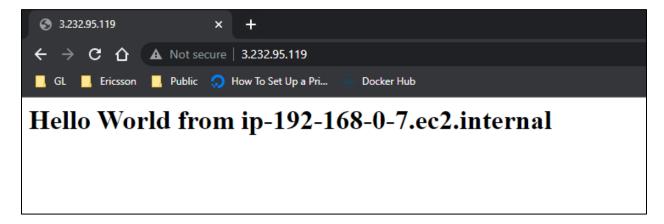
Step 2.1 :: Create 2 instances in Public Subnet and 2 in Private subnet



Webserver 1:: 3.235.58.150



Webserver 2:: 3.232.95.119



#### Webserver 3:: Reachability from server 1

### Webserver 4:: Reachability from server 1