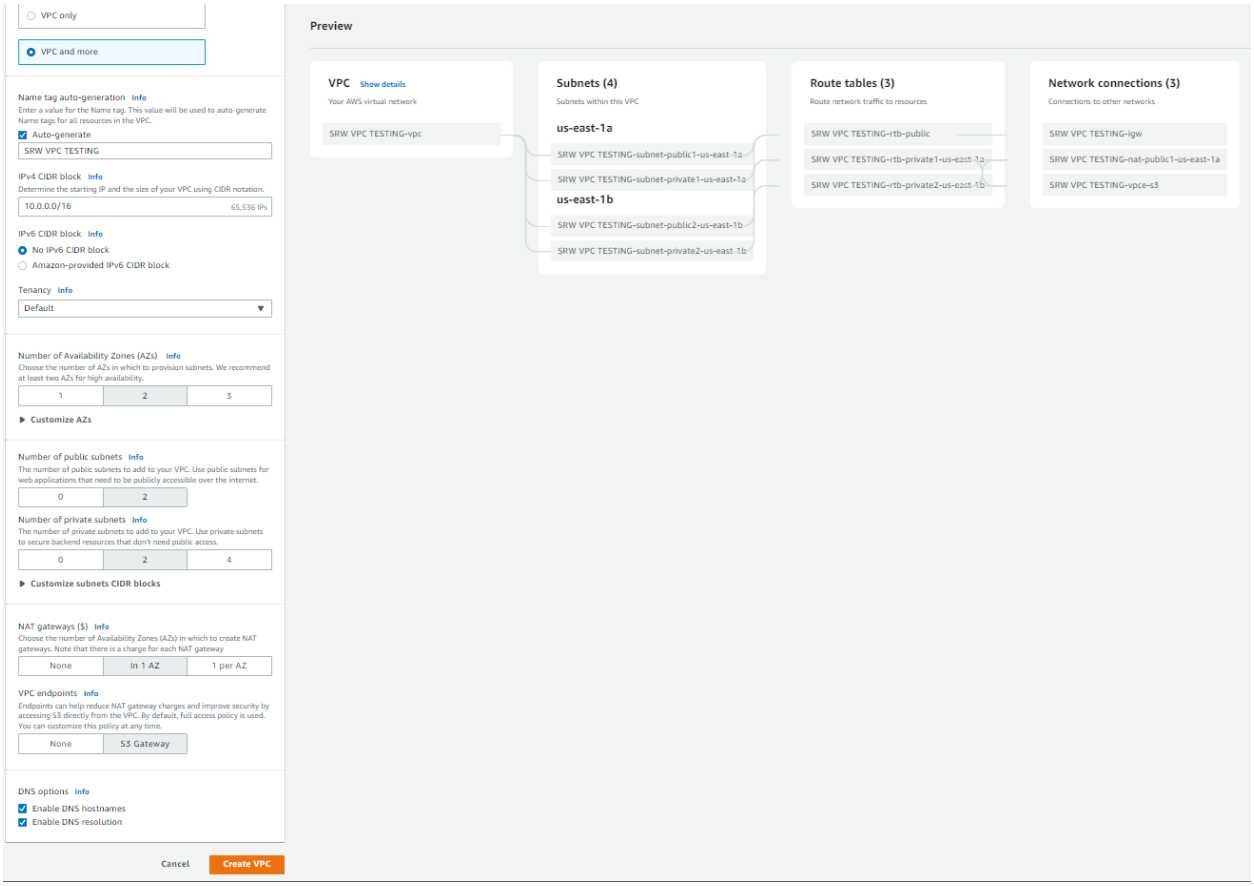
Step 1: Setup VPC:
"Search for Services, features, blogs, docs, and more" > Type VPC > Click "VPC"
Click "Create VPC":

Auto-generate = "SRW VPC Testing"
IPv4 CIDR block = "10.0.0.0/16"
IPv6 CIDR block = "No IPv6 CIDR block"
Number of Availability Zones (AZs) = "2"
Number of Public subnets = "2"
Number of Private subnets = "2"
NAT gateways = "in 1 AZ"
VPC endpoints = "S3 Gateway"
Click "Create VPC"



Step 2: Create an EC2 to Import the AMI from:

"Search for Services, features, blogs, docs, and more" > Type EC2 > Click "EC2" Click "Launch Instance"

The following are to be used for initializing your EC2 instance:

Application and OS Images (Amazon Machine Image): Amazon Linux
Instance type: t3.medium
Key pair name > Create "new key pair"
Key pair name = srw_pem
Click "create key pair" (make sure you save this to your desktop) Network settings > click "edit"
VPC = SRW VPC
Subnet > choose a public subnet
Check > “Allow HTTPs traffic from the internet” and “Allow HTTP traffic from the internet”
Configure storage = 250 GiB
IAM = ec2-user-dev
Click "Launch instance"

Step 3: Create Security Keys:

Go to IAM > "Manage Access Keys" > Create "new access key" (copy down the key id and secret access key)

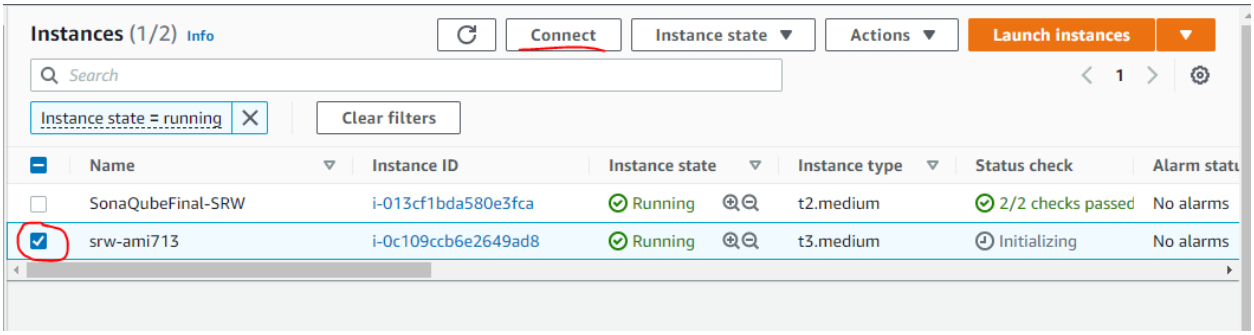
Download and save csv file in secure location as AWS will not show the secret key again.

Step 4: Log into EC2 and Create the AMI:

"Search for Services, features, blogs, docs, and more" > Type EC2 > Click "EC2"

Click "Instances (running)"

Check the instance state and click "connect"



Click "Connect"

> aws configure

Enter security key
Enter secret security key
Enter region name
Enter “json” for output format

>> touch trust-policy.json
>> vi trust-policy.json
Enter I on keyboard to enable edit mode

Insert json:

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Effect": "Allow",
      "Principal": { "Service": "vmie.amazonaws.com" },
      "Action": "sts:AssumeRole",
      "Condition": {
        "StringEquals":{
```

```
            "sts:Externalid": "vmimport"
          }
        }
      }
    ]
}
```

Enter esc key when finished
Hold Shift key and press ZZ to exit json file

>> aws iam create-role --role-name vmimport --assume-role-policy-document “file://trust-policy.json"

>> touch role-policy.json
>> vi role-policy.json
Enter I on keyboard to enable edit mode

Insert file:

```
{
  "Version":"2012-10-17",
  "Statement":[
    {
      "Effect": "Allow",
      "Action": [
        "s3:GetBucketLocation",
        "s3:GetObject",
        "s3:ListBucket"
      ],
      "Resource": [
        "arn:aws:s3:::disk-image-file-bucket",
        "arn:aws:s3:::disk-image-file-bucket/*"
      ]
    },
    {
      "Effect": "Allow",
      "Action": [
        "s3:GetBucketLocation",
```

```
        "s3:GetObject",
        "s3:ListBucket",
        "s3:PutObject",
        "s3:GetBucketAcl"
      ],
      "Resource": [
        "arn:aws:s3:::export-bucket",
        "arn:aws:s3:::export-bucket/*"
      ]
    },
    {
      "Effect": "Allow",
      "Action": [
        "ec2:ModifySnapshotAttribute",
        "ec2:CopySnapshot",
        "ec2:RegisterImage",
        "ec2:Describe*"
      ],
      "Resource": "*"
    }
  ]
}
```

Click esc key when finished
Hold Shift key and press ZZ to exit json file

>> aws iam put-role-policy --role-name vmimport --policy-name vmimport --policy-document "file://role-policy.json"

>> aws ec2 import-image --description "My SRW AMI" --disk-containers Format=vmdk,Url=s3://epic-sandbox-srw/eports/export-ami-0267d8751428919fd.vmdk