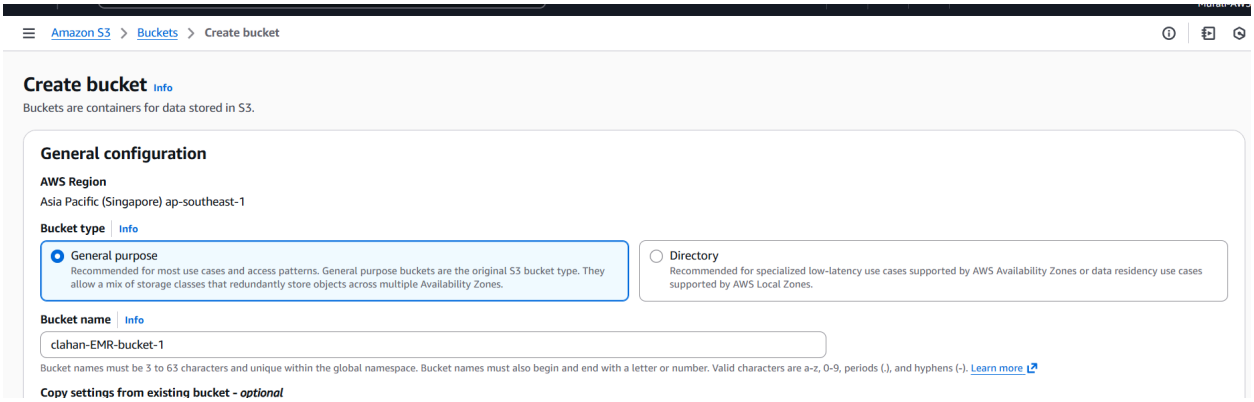
EMR-LAB-Setupcreate s3 bucket

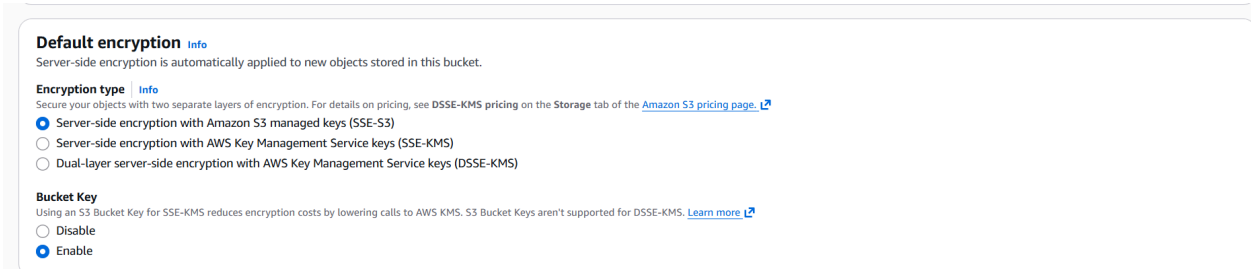
Status | Not Started

step1- creat

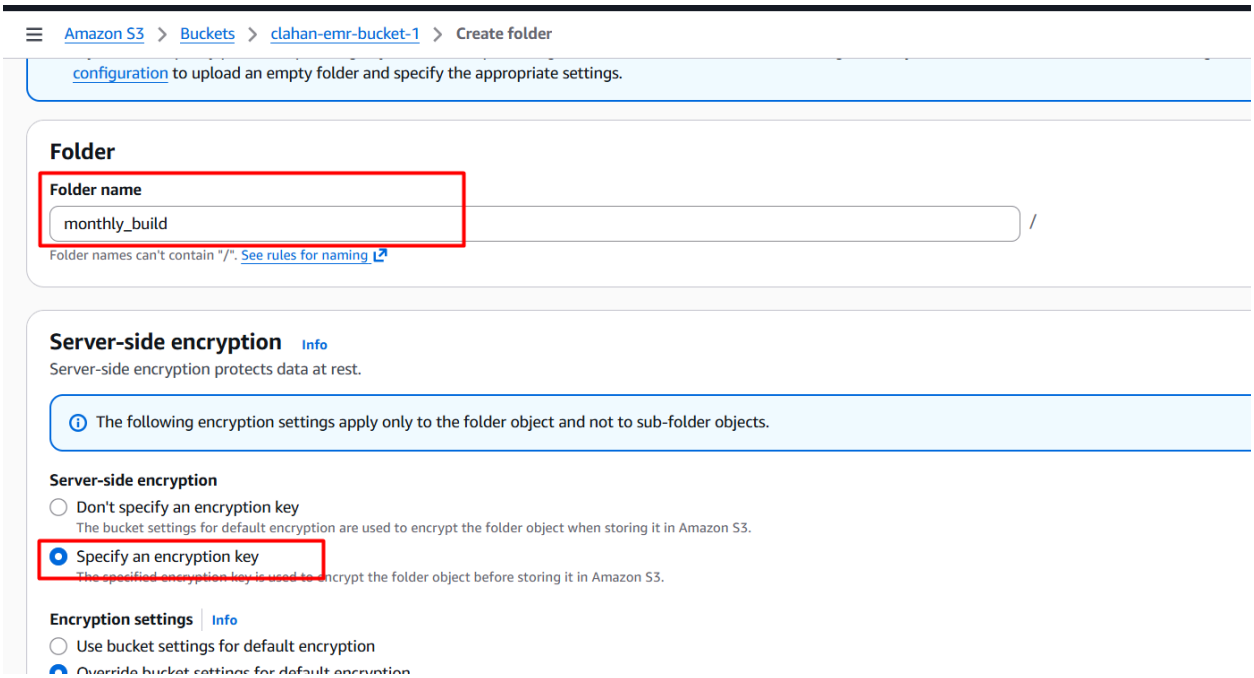


next bucket version

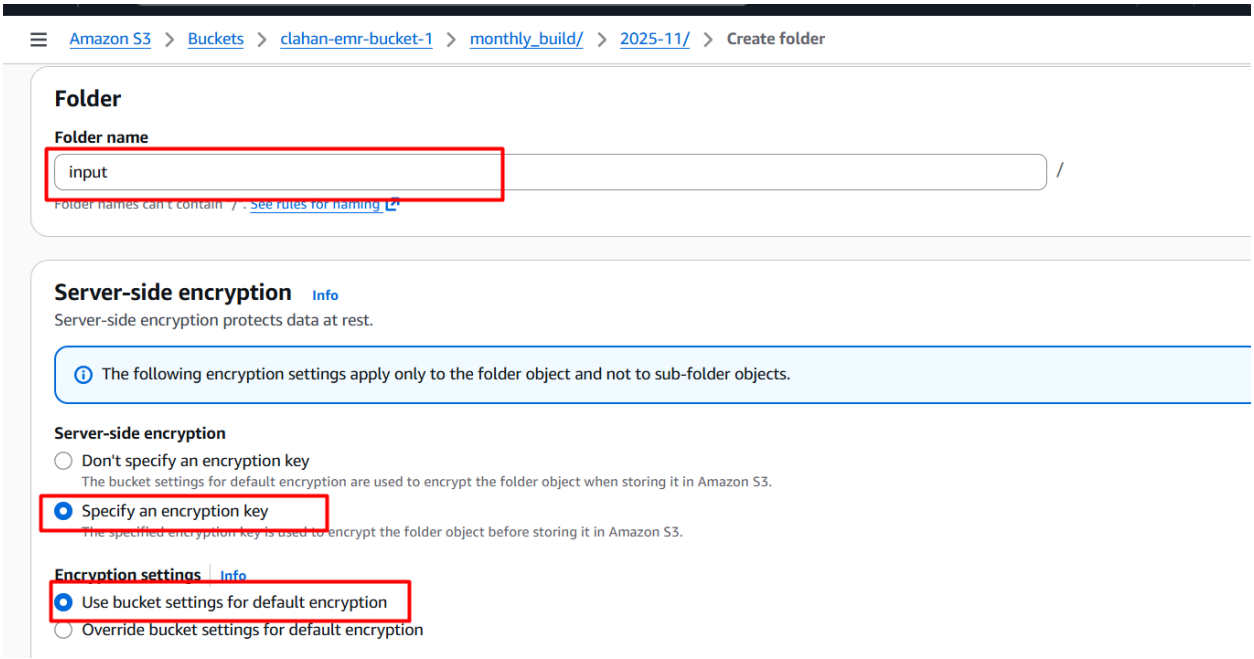
next go to default encryption

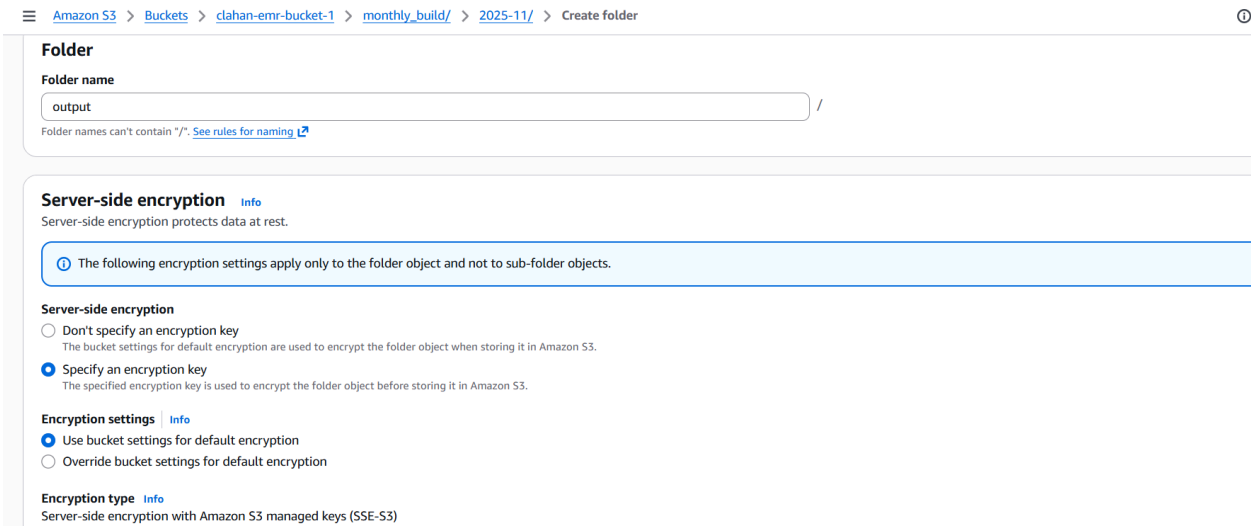


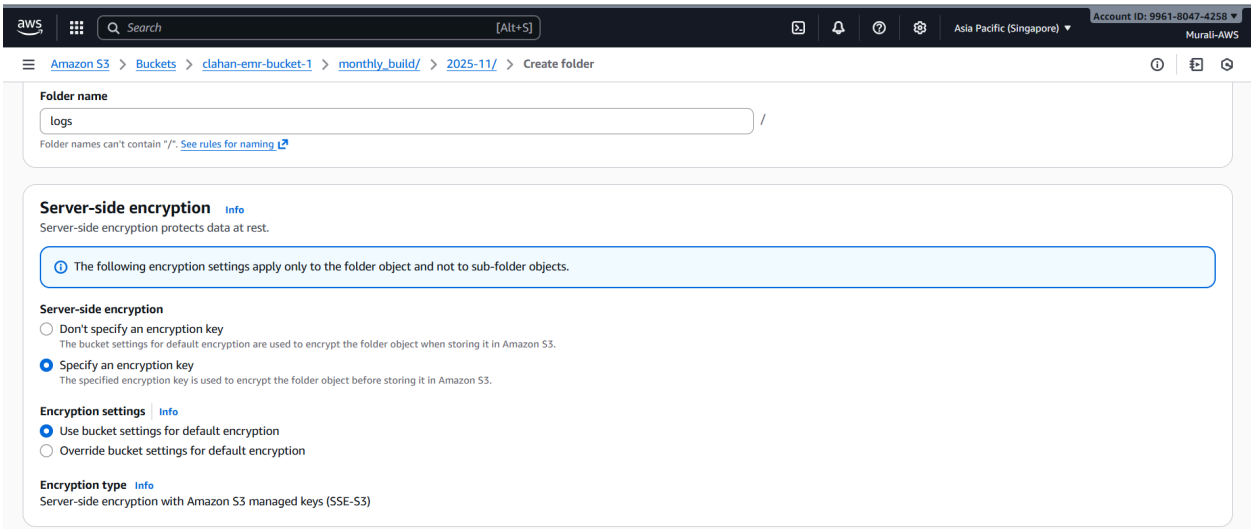
inside the bucket we need to create the folders

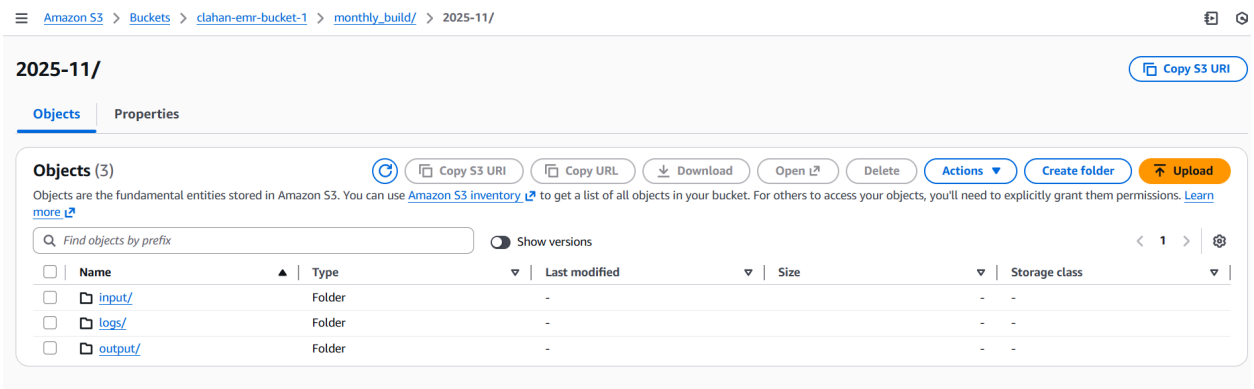


inside this bucket also we need to create fodlers

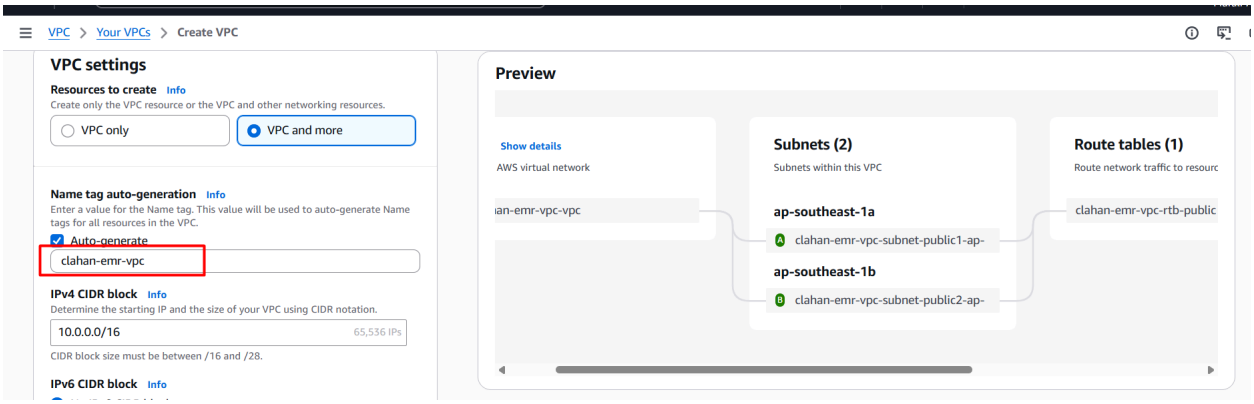


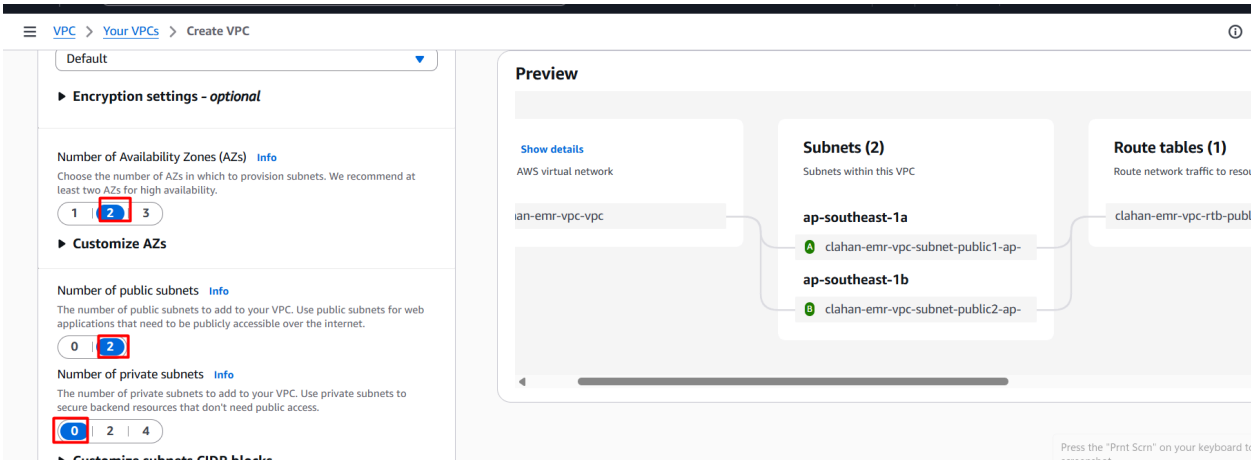


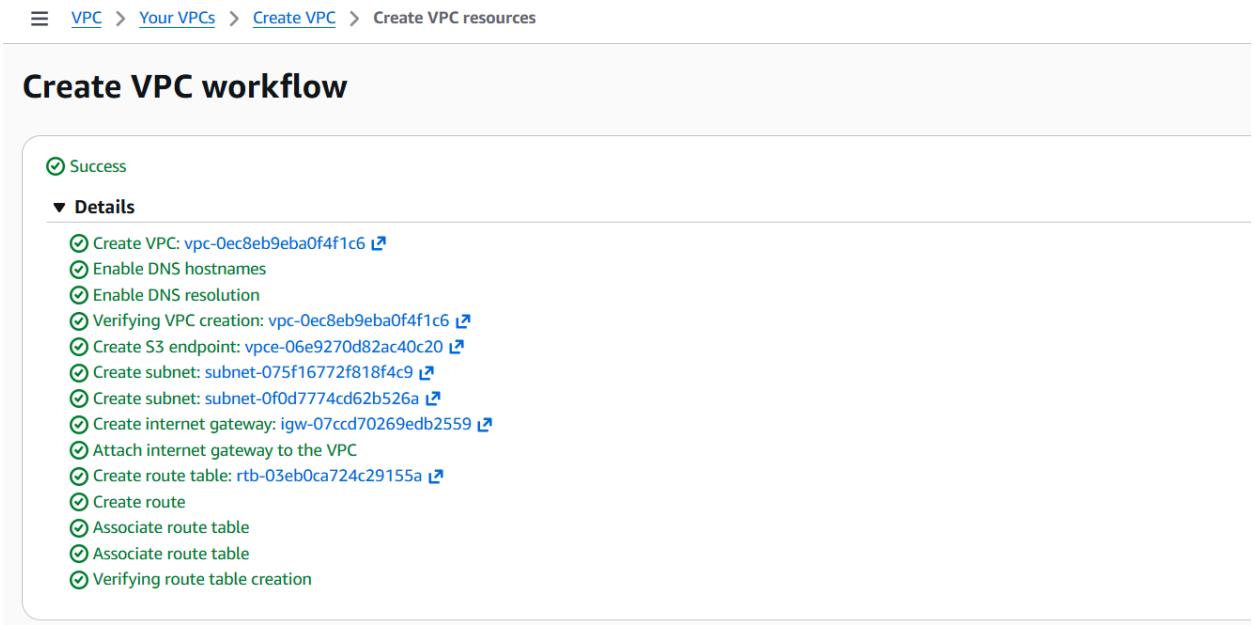




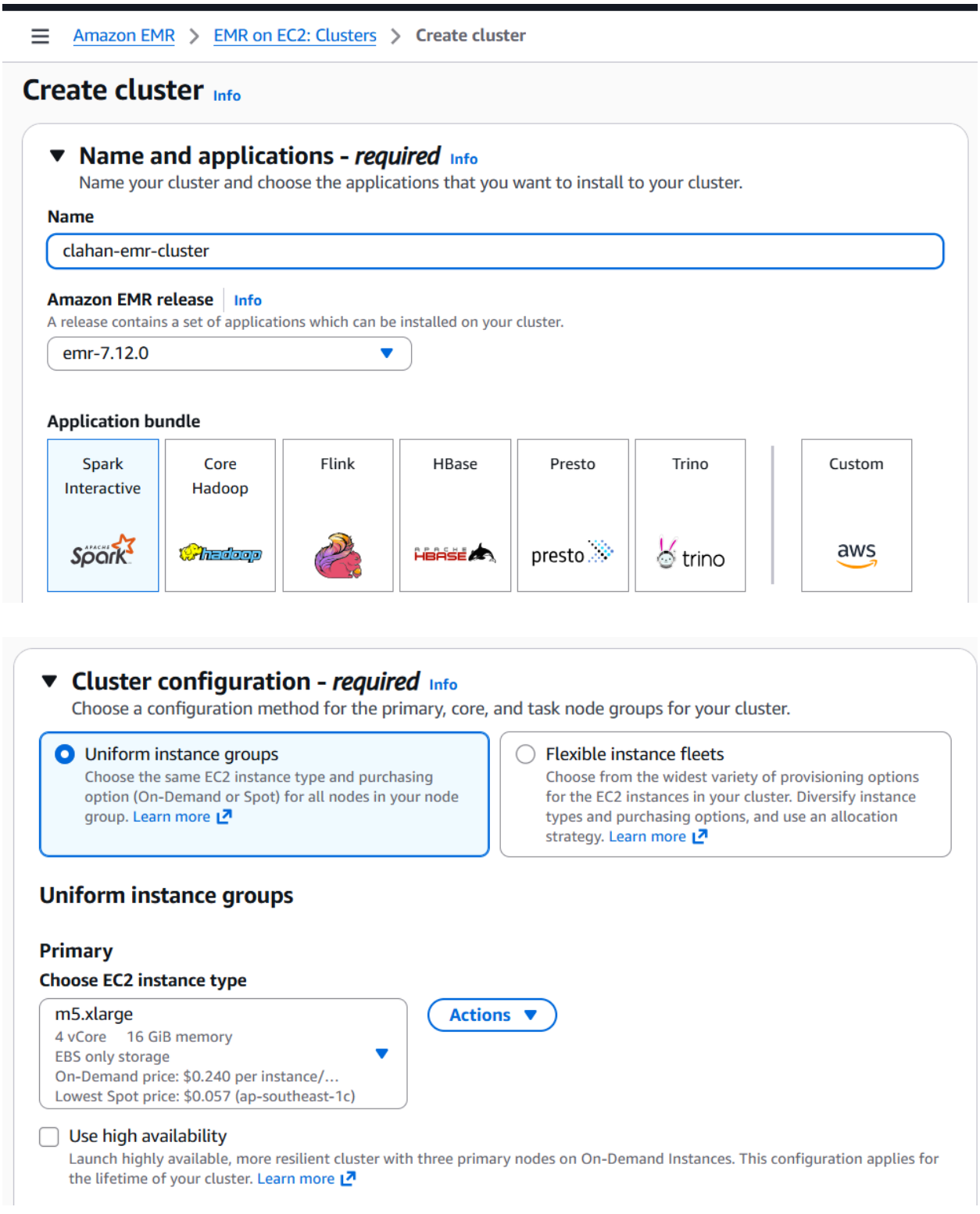
Step2:- create VPC

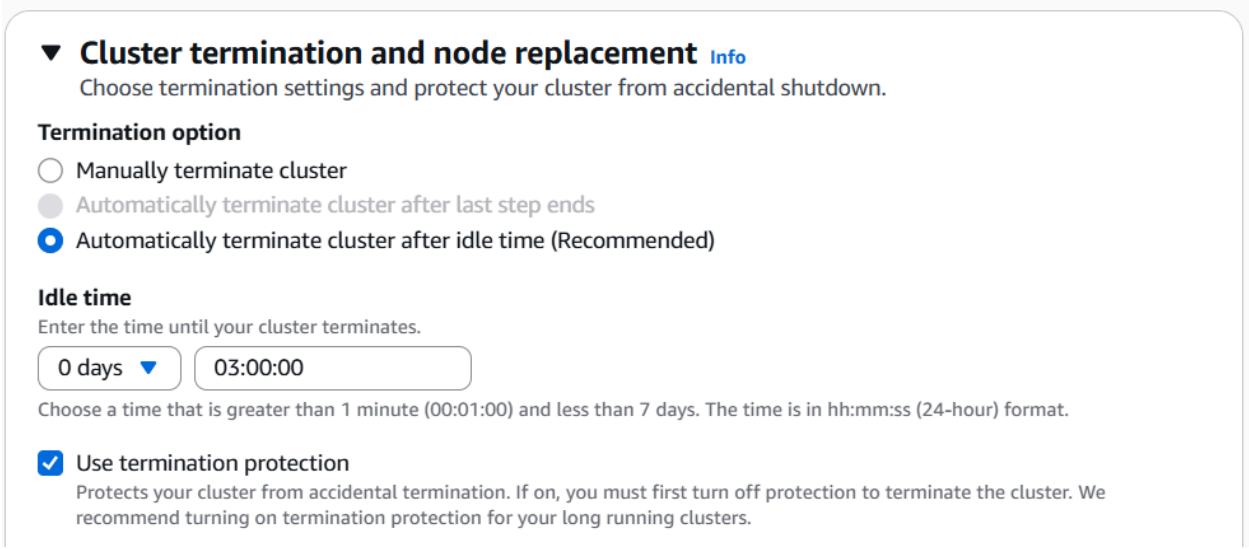






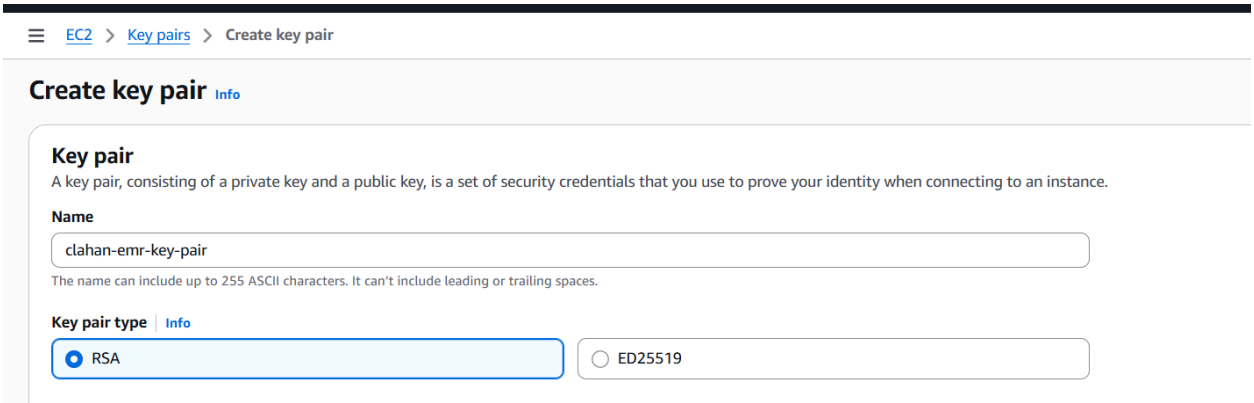
Step3:- Create EMR cluster

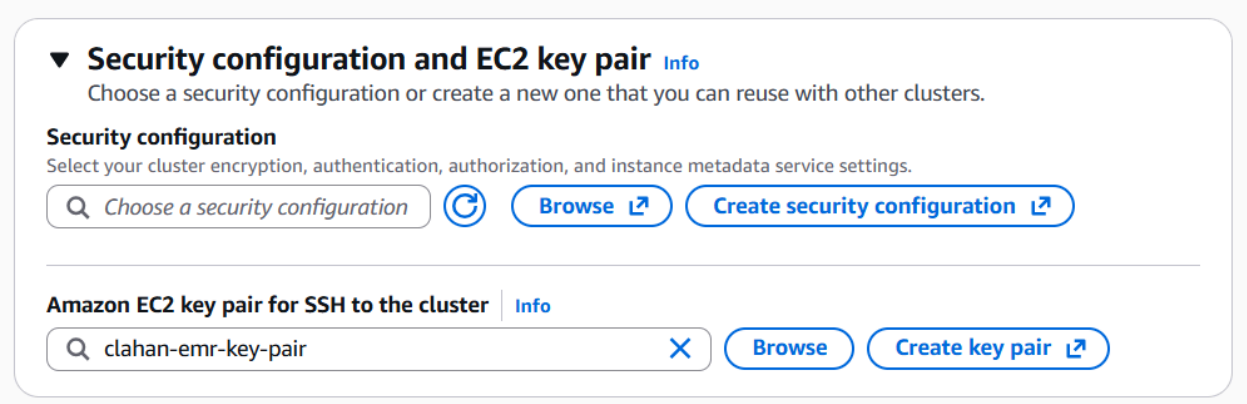

Amazon EMR
EMR on EC2: Clusters
Create cluster
Create cluster Info
Name and applications - required Info
Name your cluster and choose the applications that you want to install to your cluster.
Name
clahan-emr-cluster
Amazon EMR release Info
A release contains a set of applications which can be installed on your cluster.
emr-7.12.0
Application bundle
Spark Interactive
Core Hadoop
Flink
HBase
Presto
Trino
Custom
Cluster configuration - required Info
Choose a configuration method for the primary, core, and task node groups for your cluster.
Uniform instance groups
Choose the same EC2 instance type and purchasing option (On-Demand or Spot) for all nodes in your node group. Learn more
Flexible instance fleets
Choose from the widest variety of provisioning options for the EC2 instances in your cluster. Diversify instance types and purchasing options, and use an allocation strategy. Learn more
Uniform instance groups
Primary
Choose EC2 instance type
m5.xlarge
4 vCore 16 GiB memory
EBS only storage
On-Demand price: $0.240 per instance/...
Lowest Spot price: $0.057 (ap-southeast-1c)
Actions
Use high availability
Launch highly available, more resilient cluster with three primary nodes on On-Demand Instances. This configuration applies for the lifetime of your cluster. Learn more



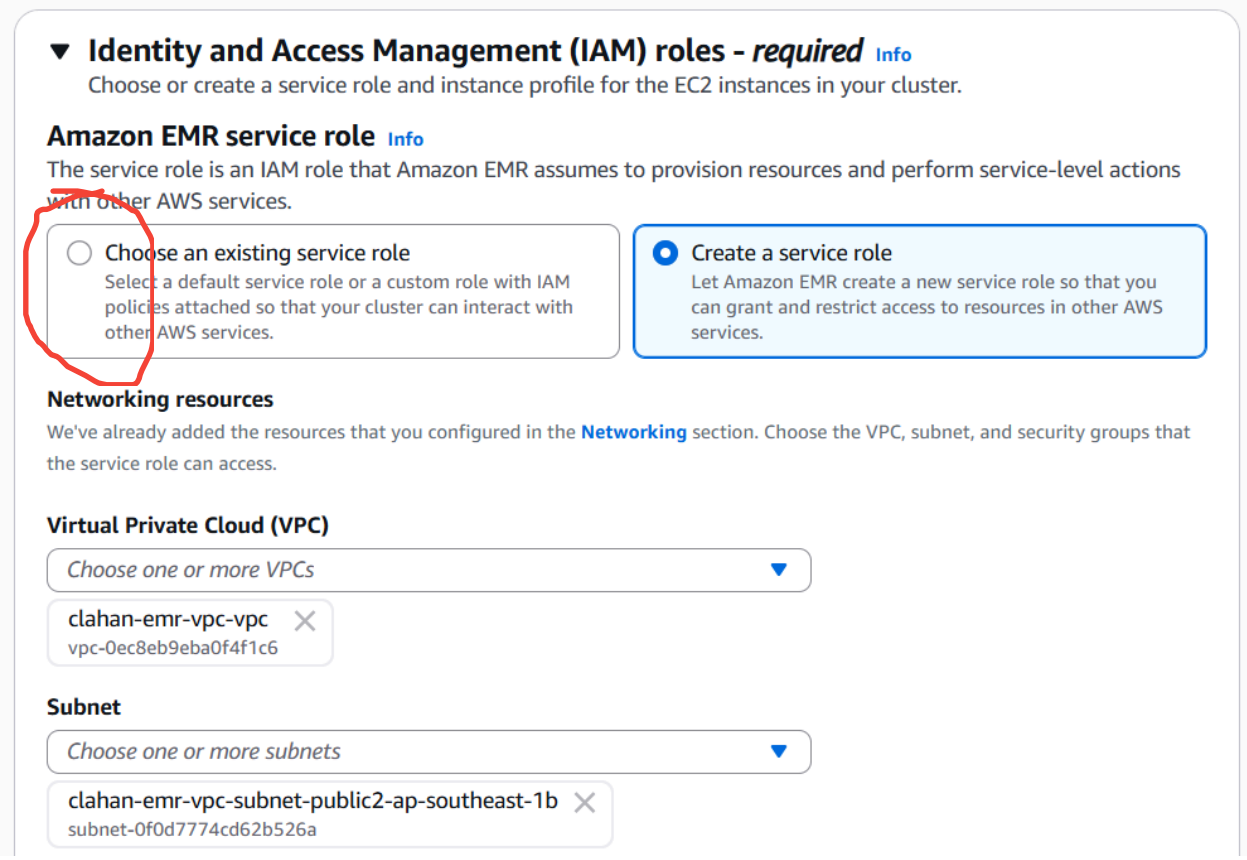
cluster logs

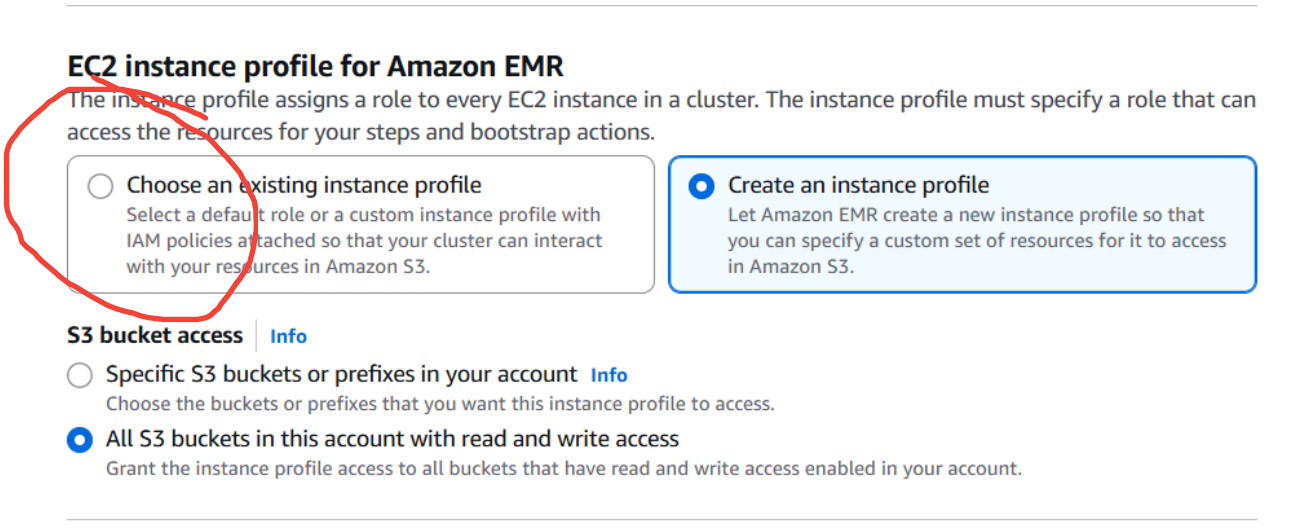
for security we need to create key pair





create identity and access Management (IAM) roles





THE RED CIRCLE RECOMENDED FOR PRACTICE