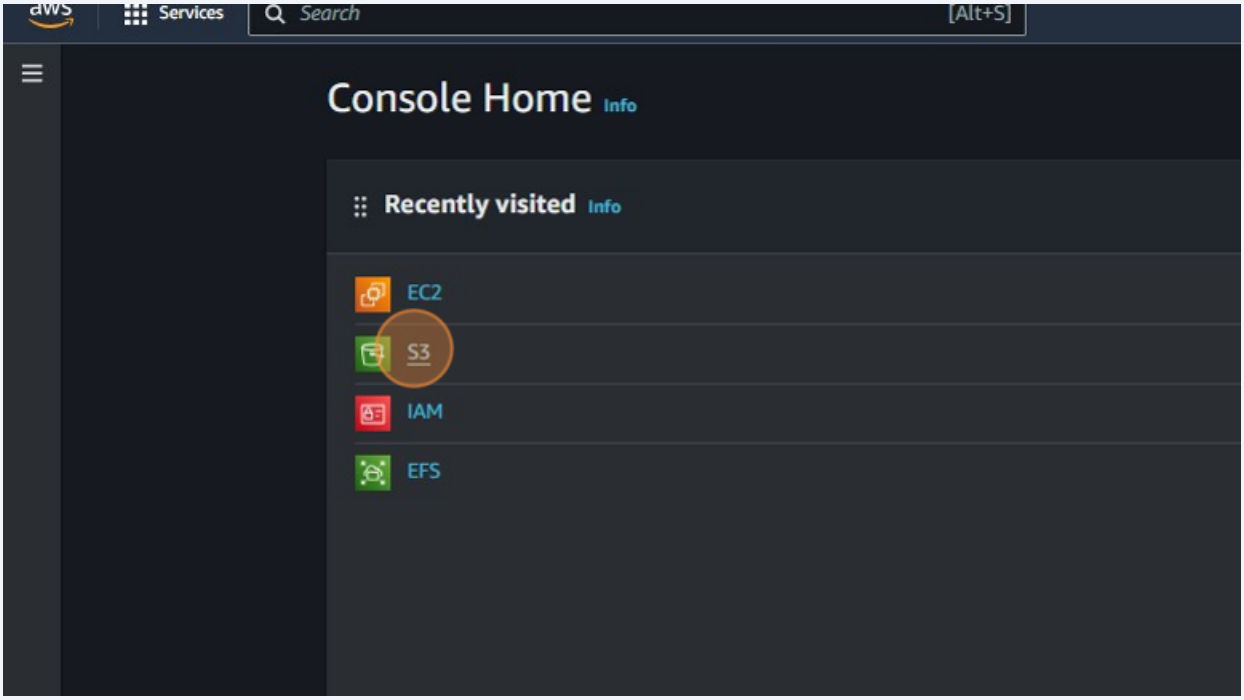
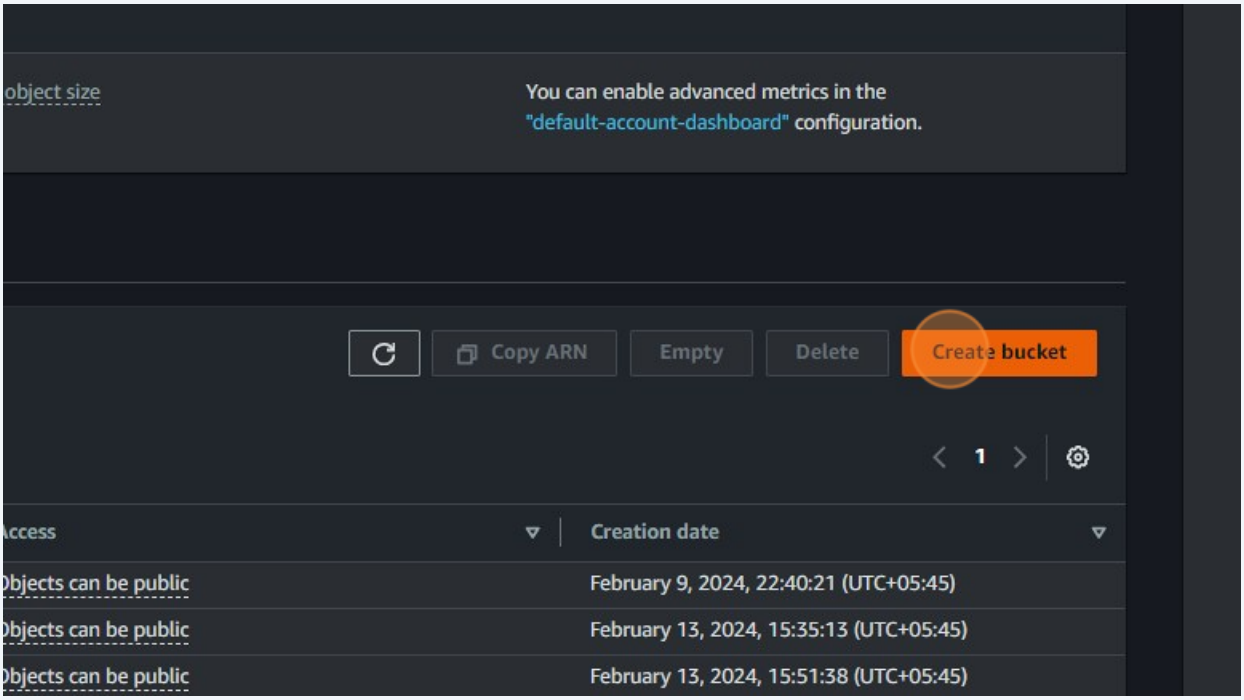
Create a Bucket on AWS S3

1 Navigate to https://us-east-1.console.aws.amazon.com/console/home?region=us-east-1

2 Click "S3"

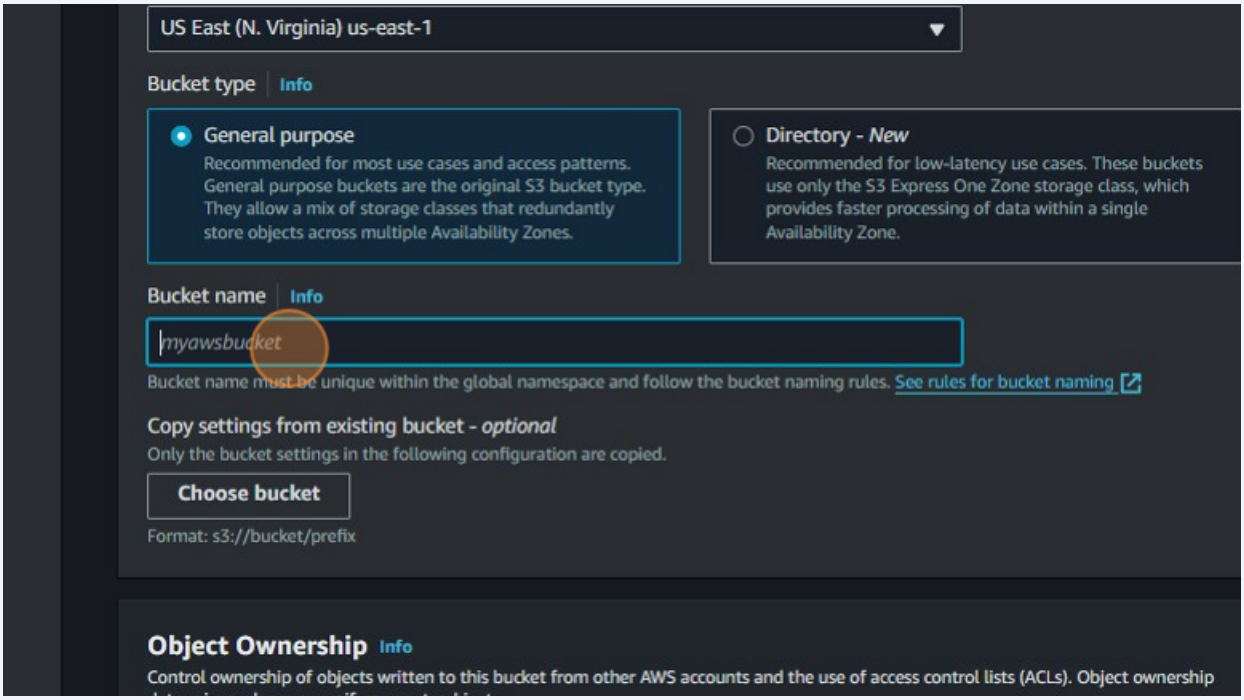


3 Click "Create bucket"



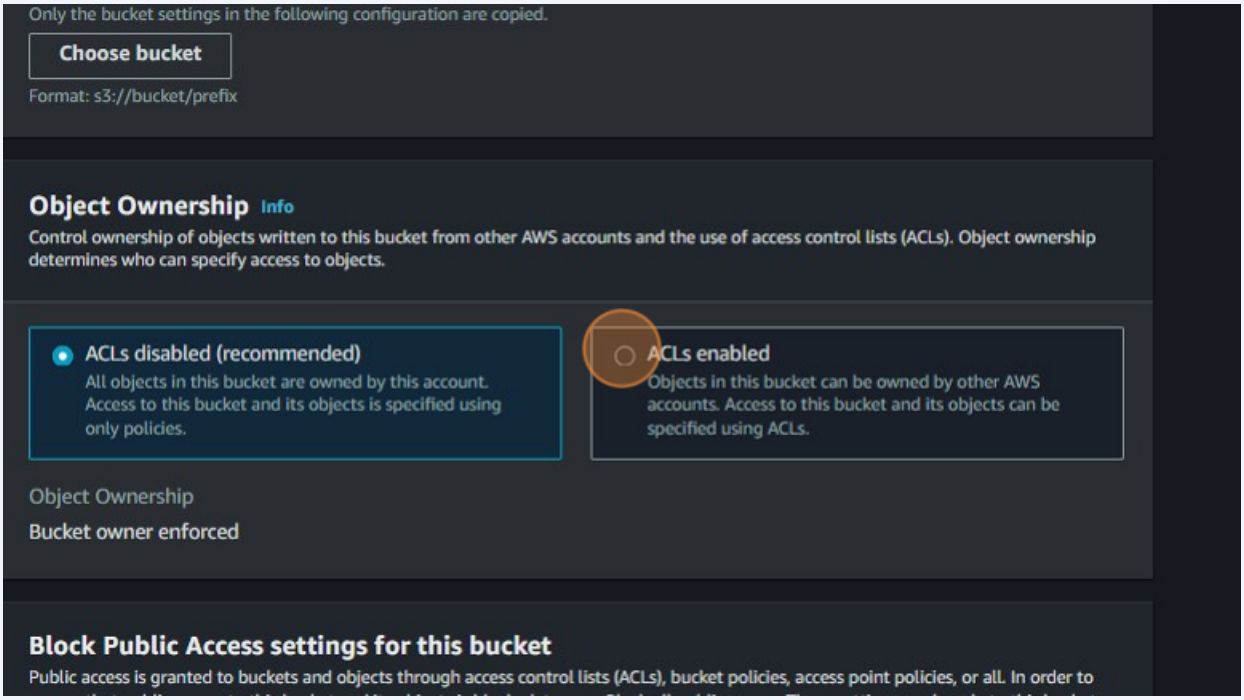
4 Navigate to https://s3.console.aws.amazon.com/s3/bucket/create?region=us-east-1

5 Click the "Bucket name" field.

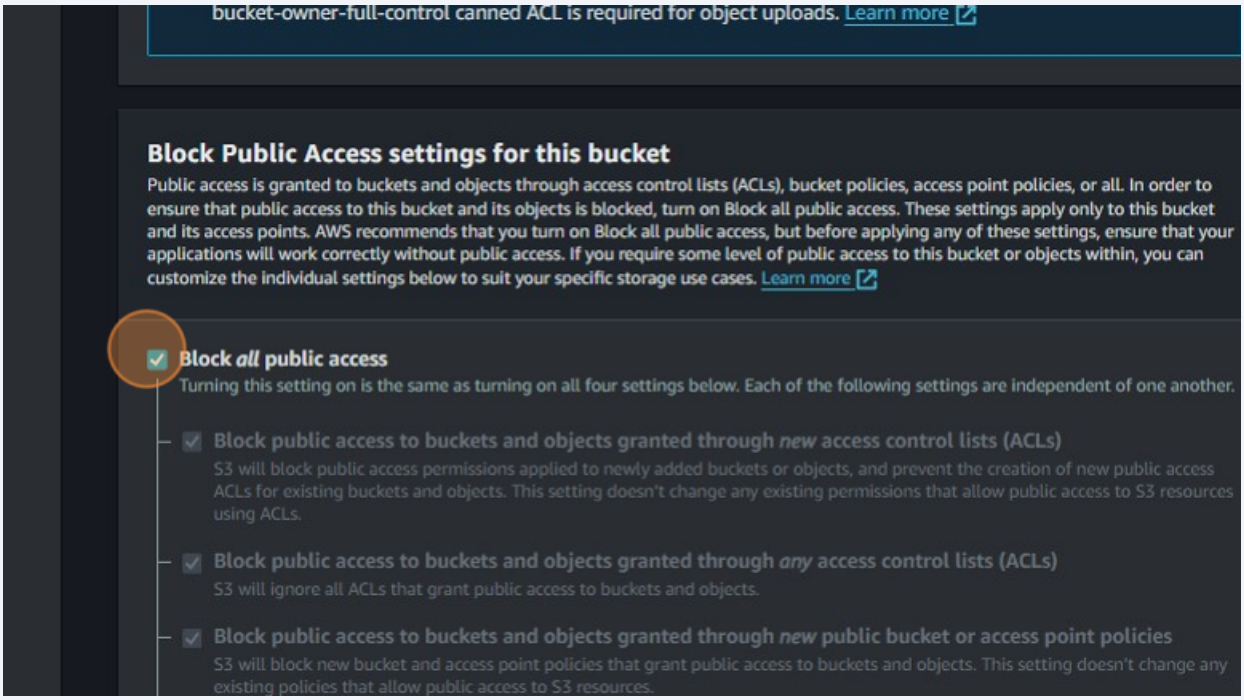


6 Type " **Backspace** my-s3-bucket-files"

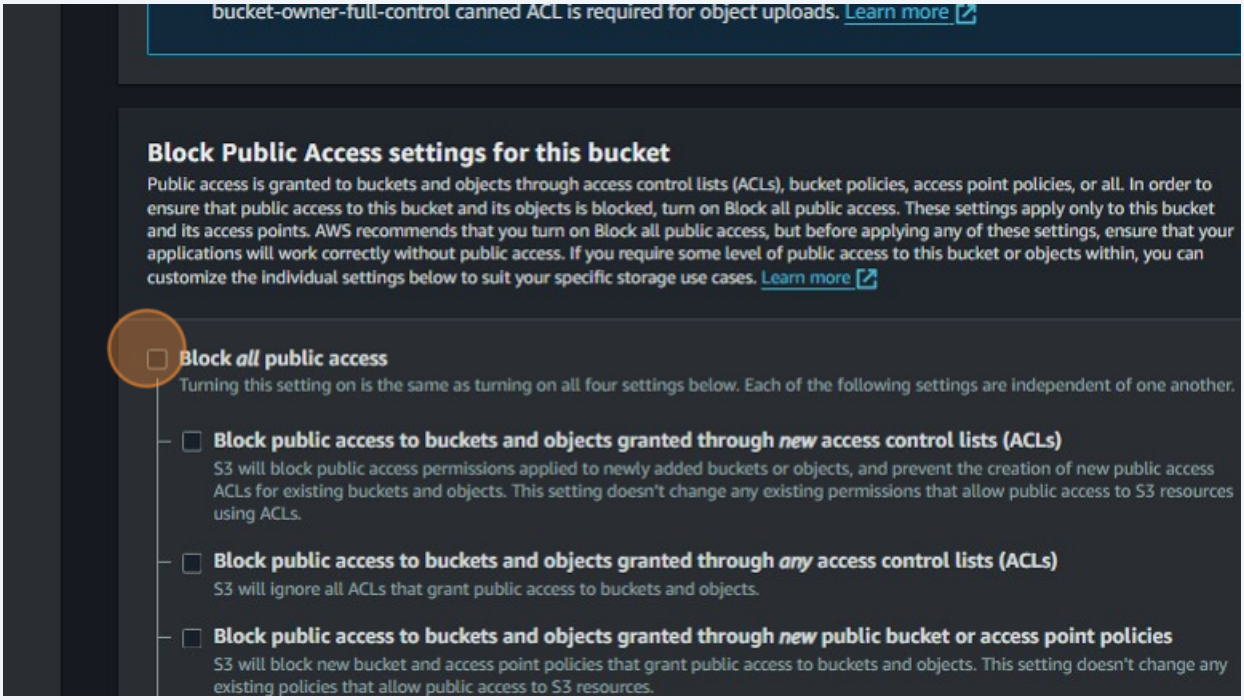
7 Click this radio button.



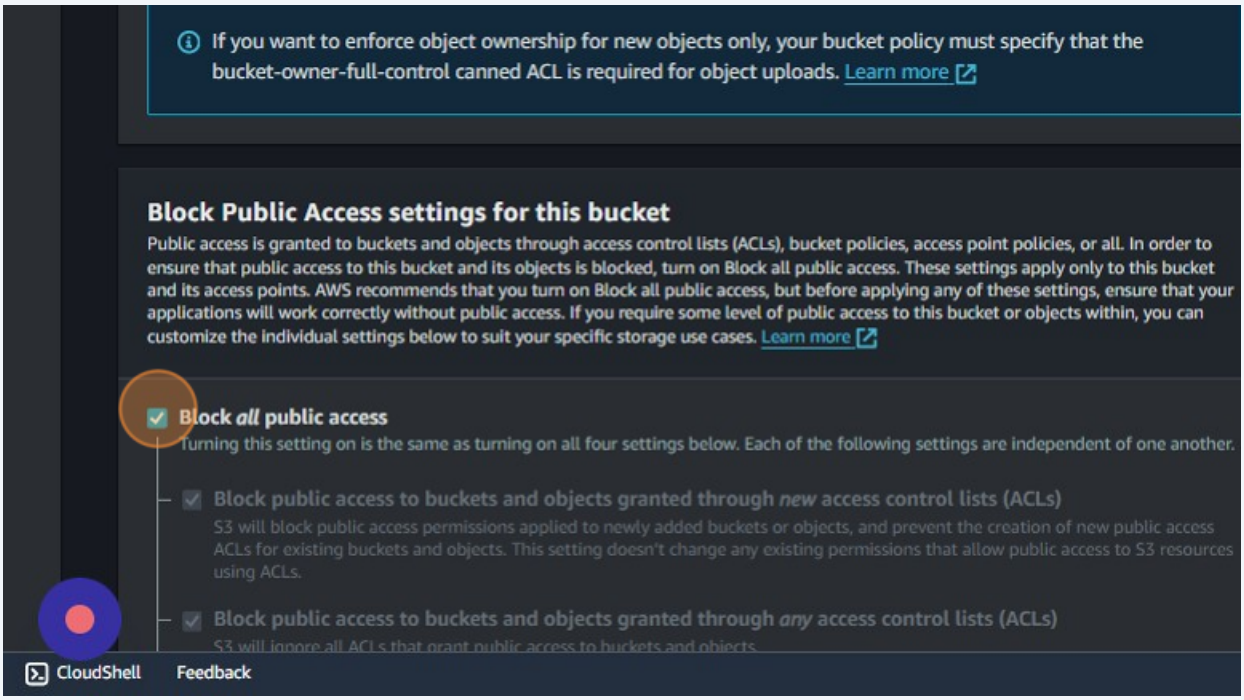
8 Click this checkbox.



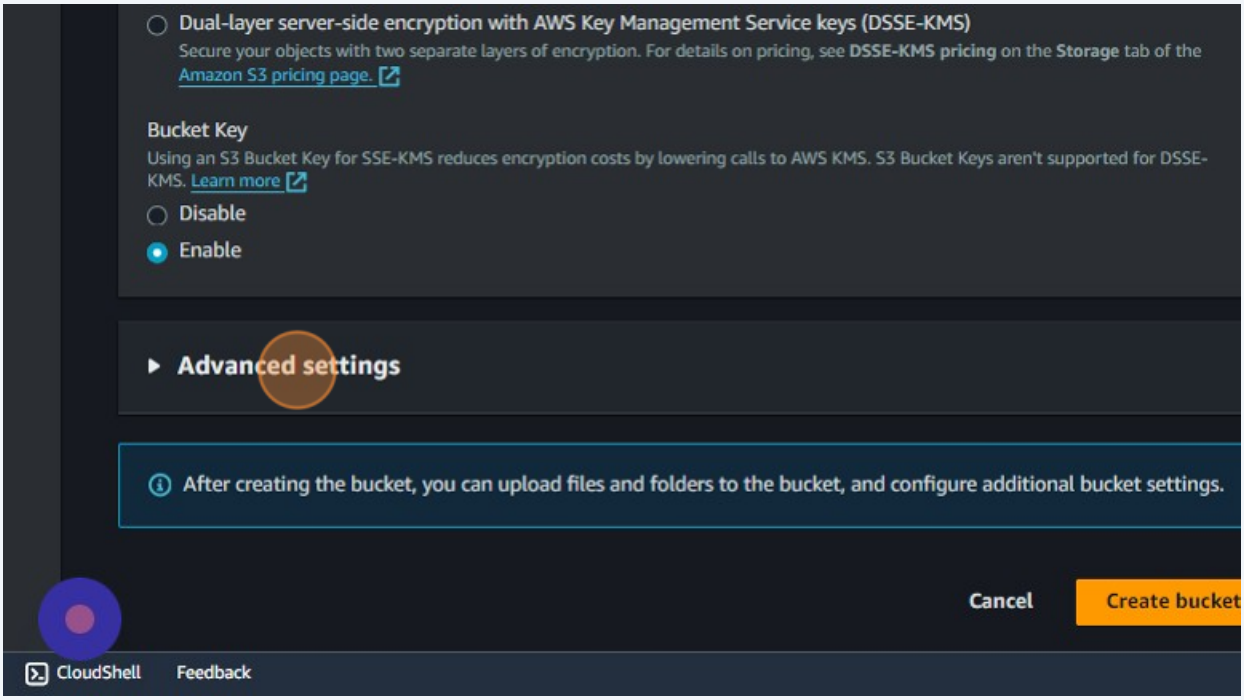
9 Click this checkbox.



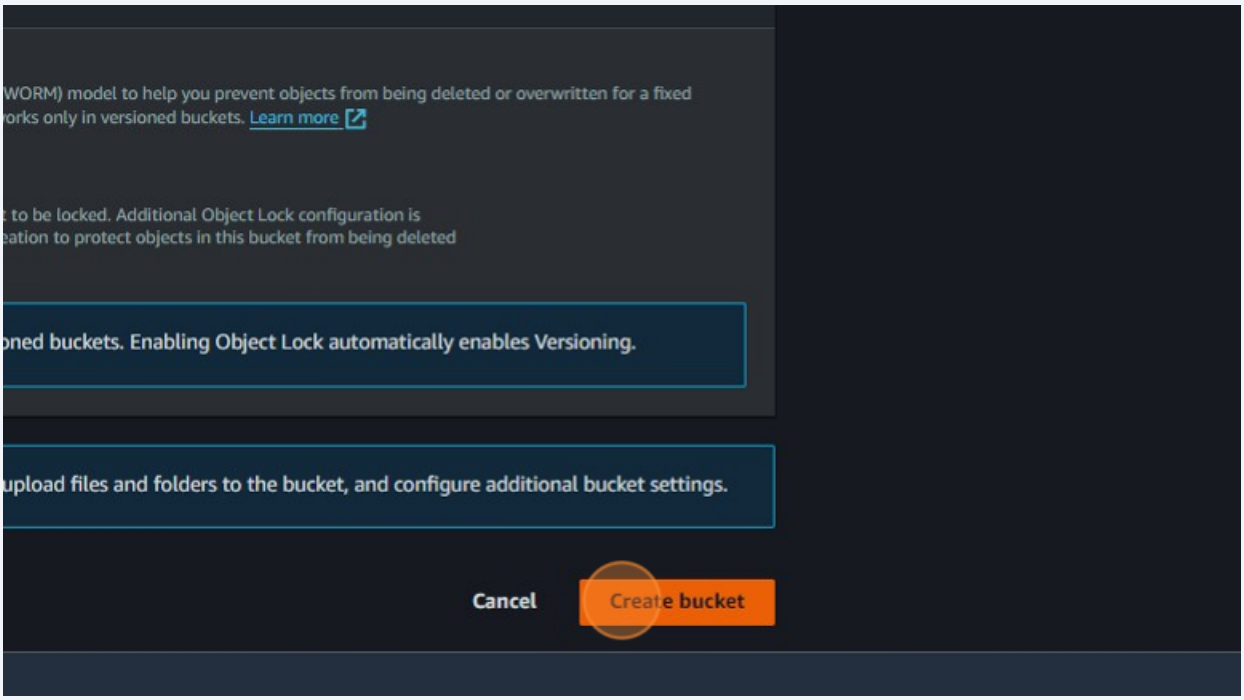
10 Click this checkbox.



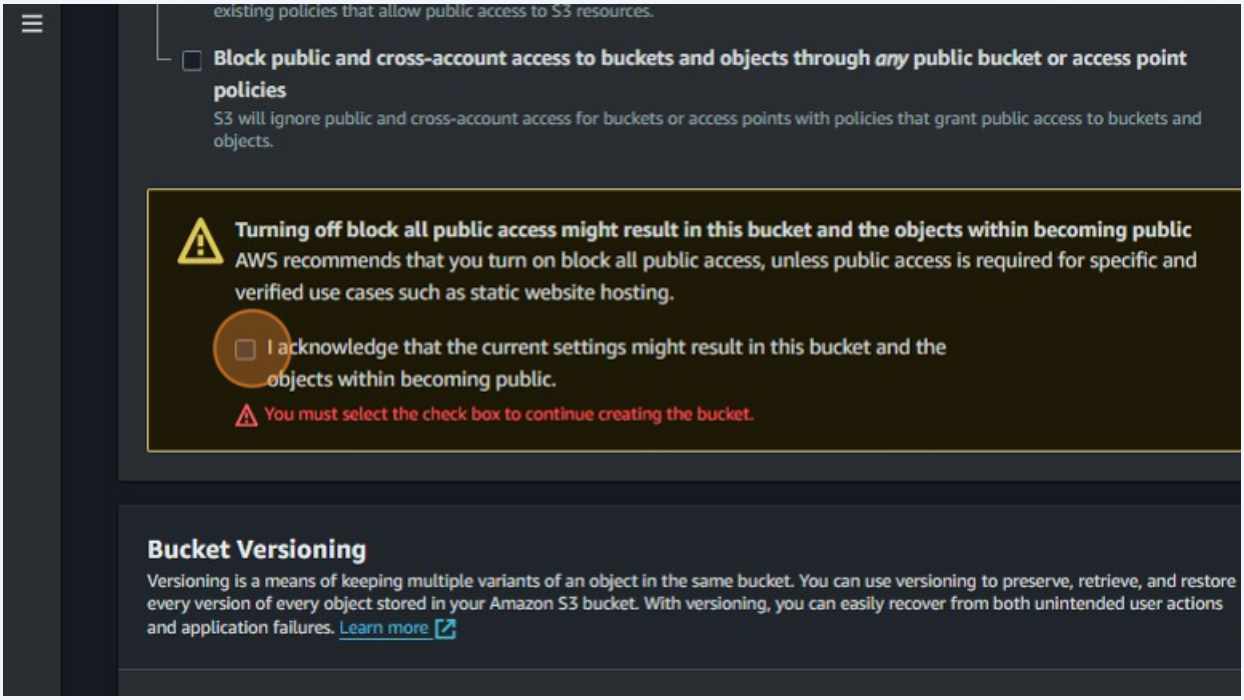
11 Click "Advanced settings"



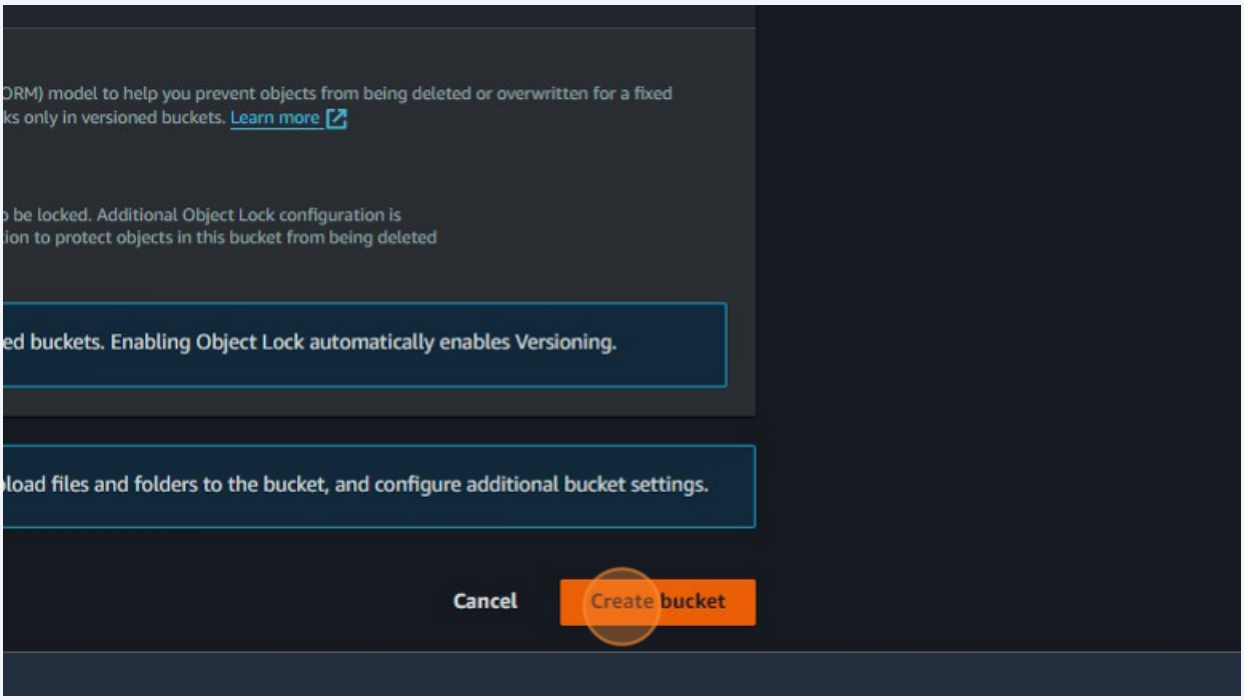
12 Click "Create bucket"



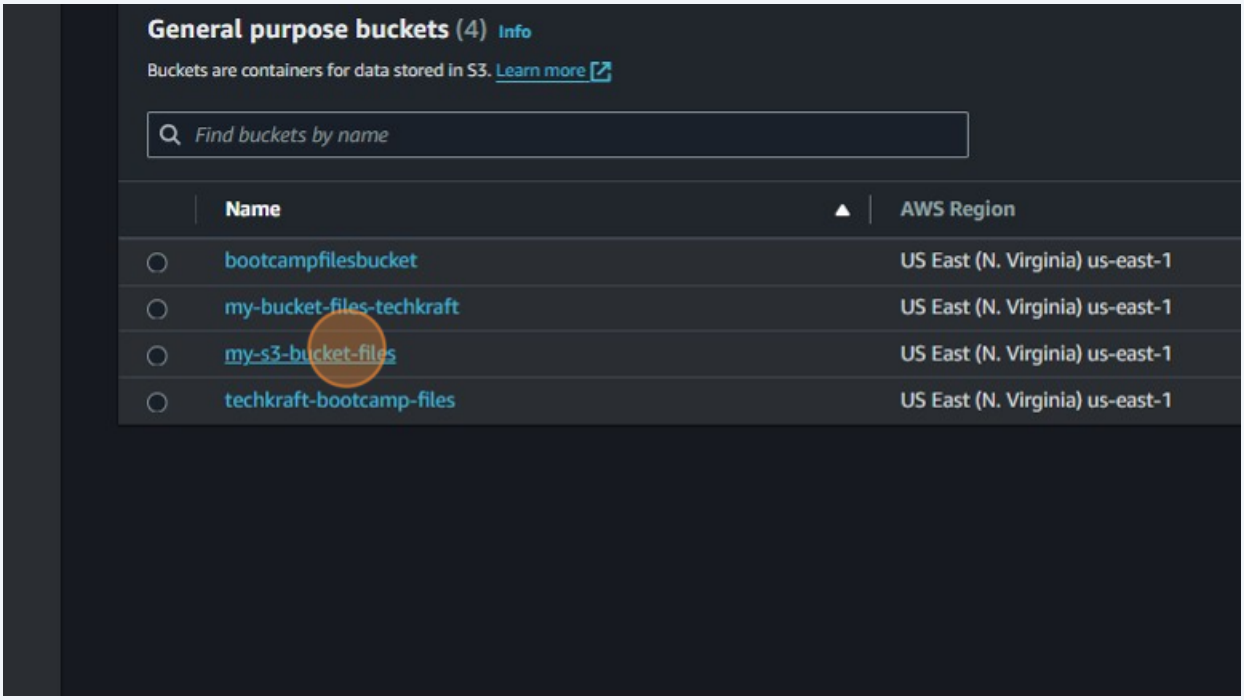
13 Click this checkbox.



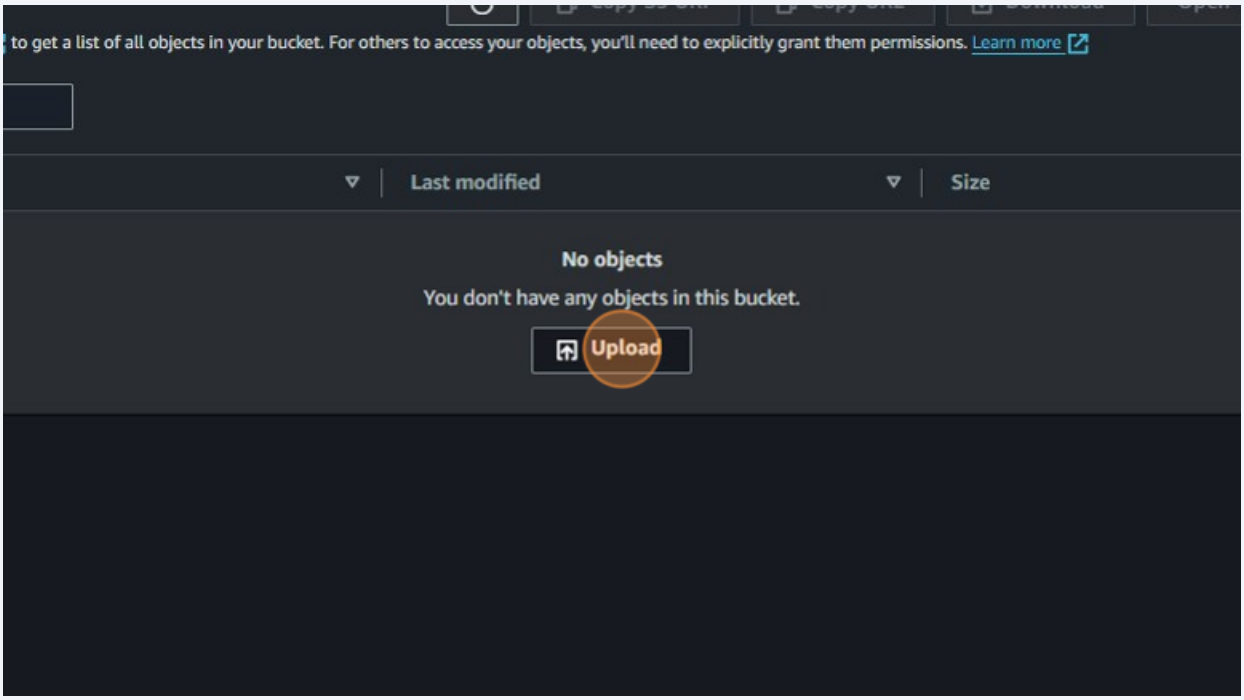
14 Click "Create bucket"



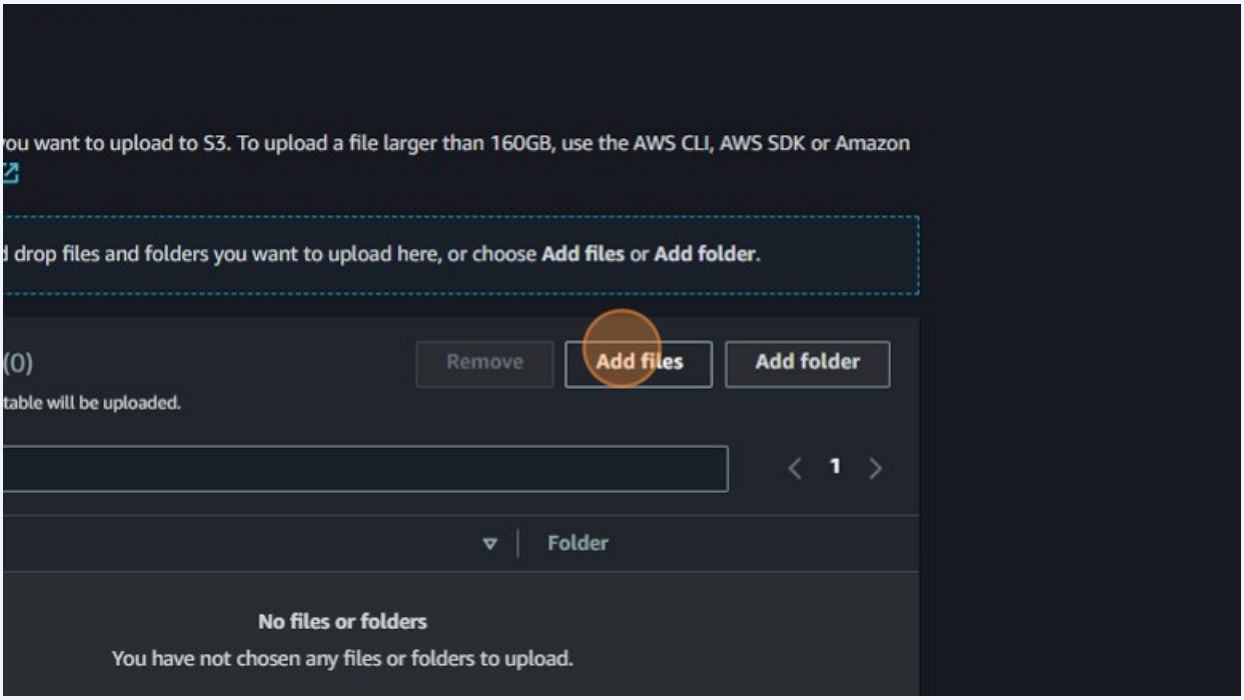
15 Click "my-s3-bucket-files"



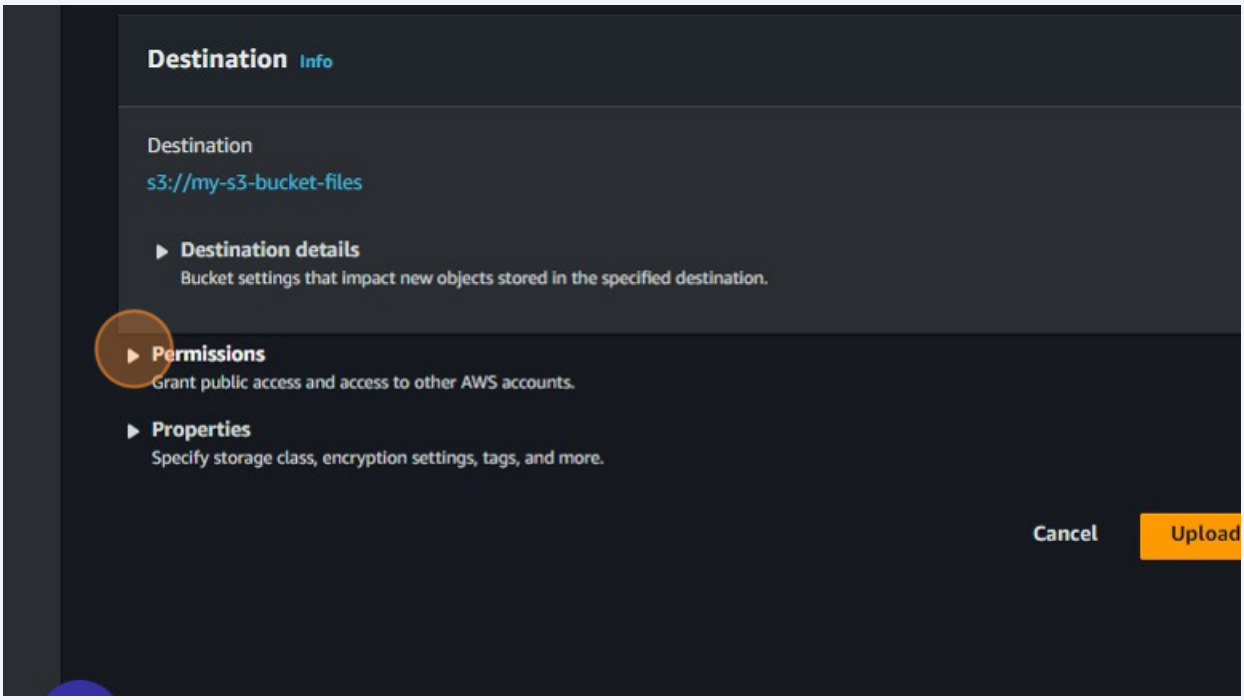
16 Click "Upload"



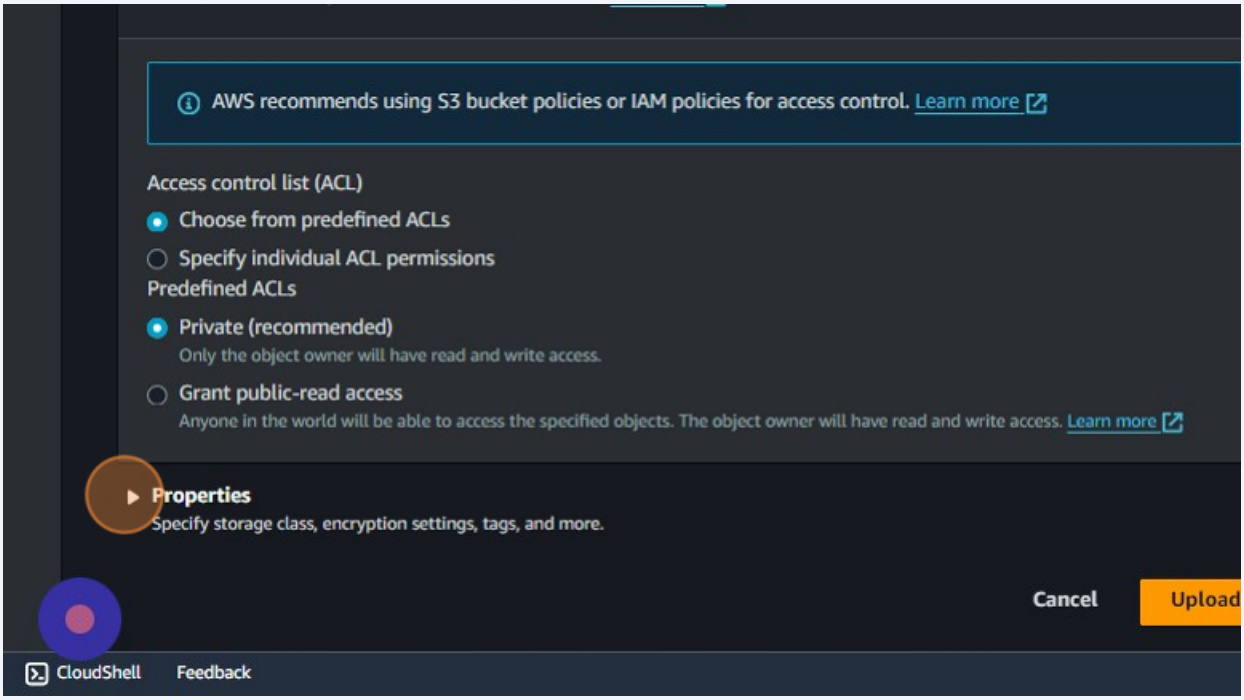
17 Click "Add files"



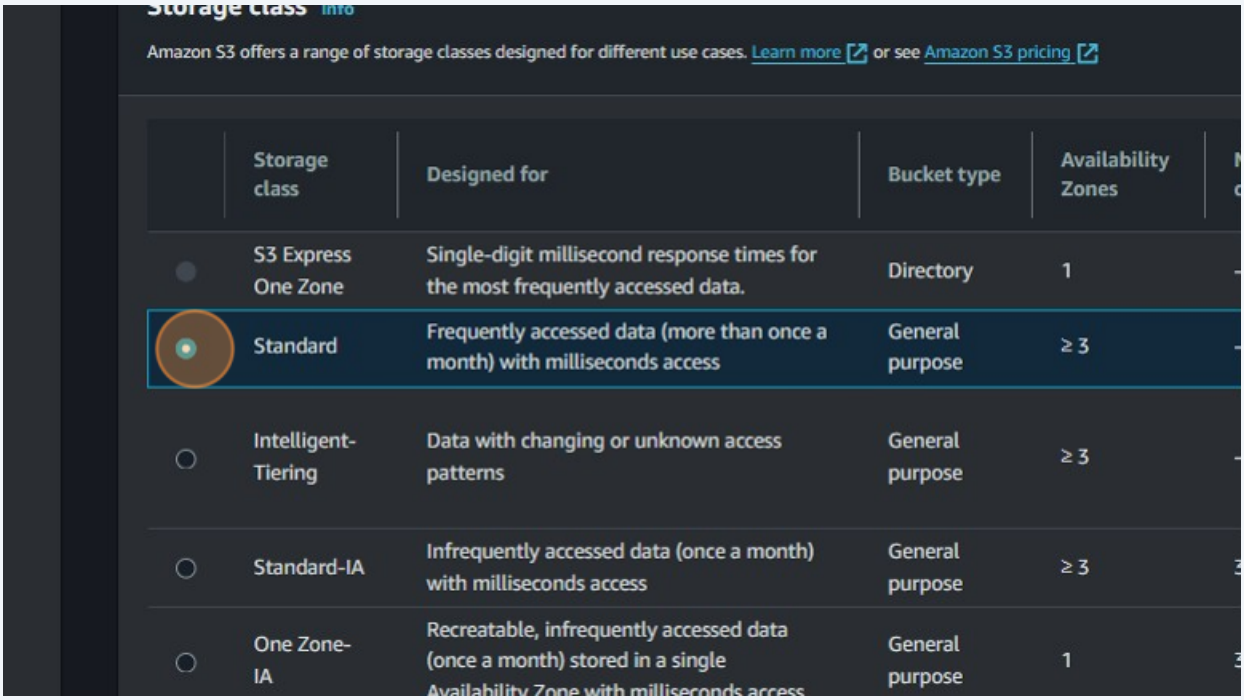
18 Click here.



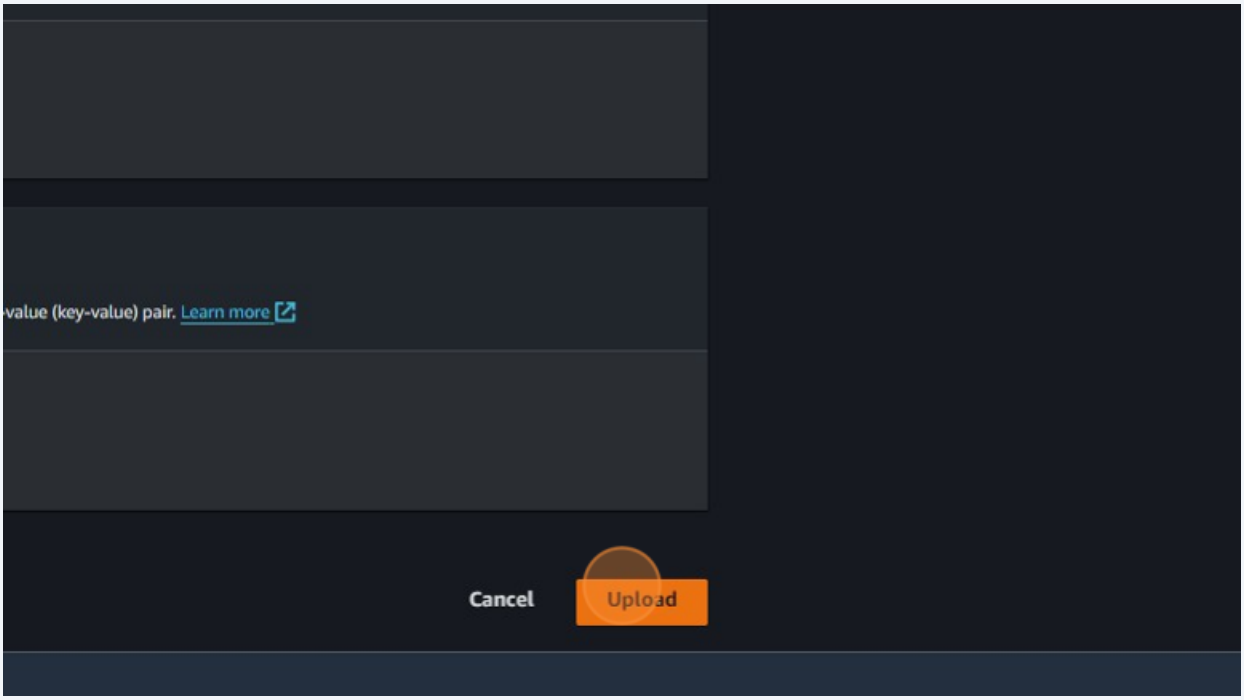
19 Click here.



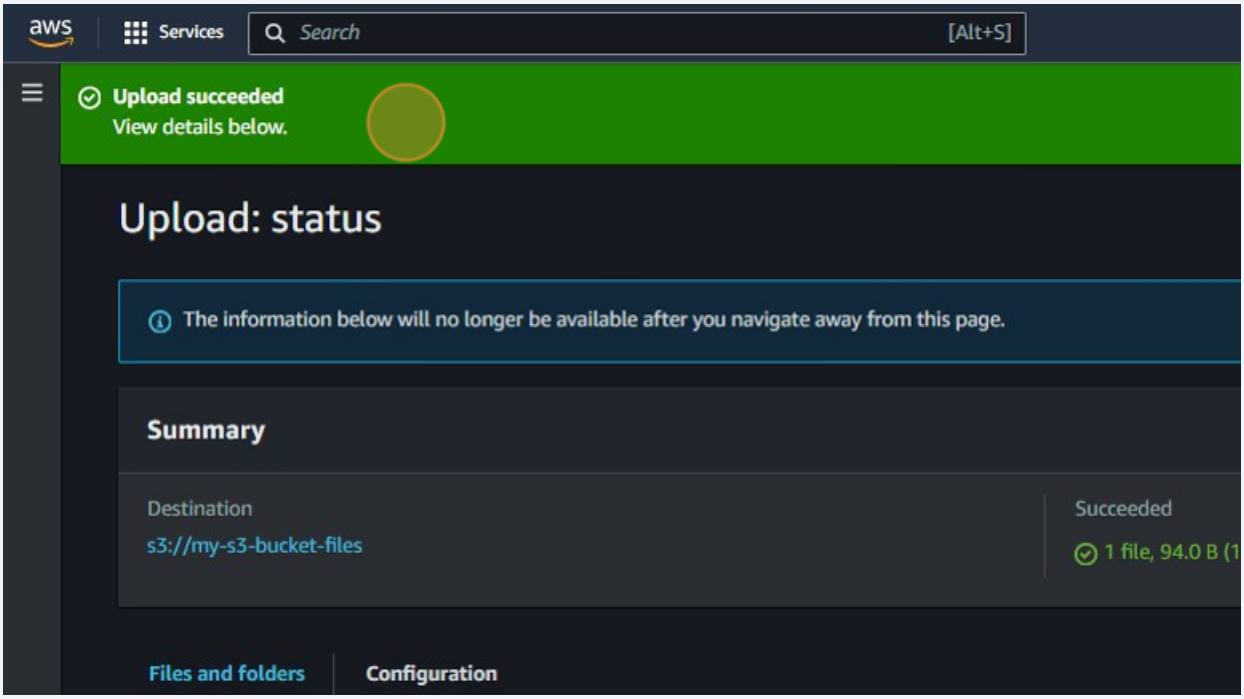
20 Click "Table Selection Select STANDARD"



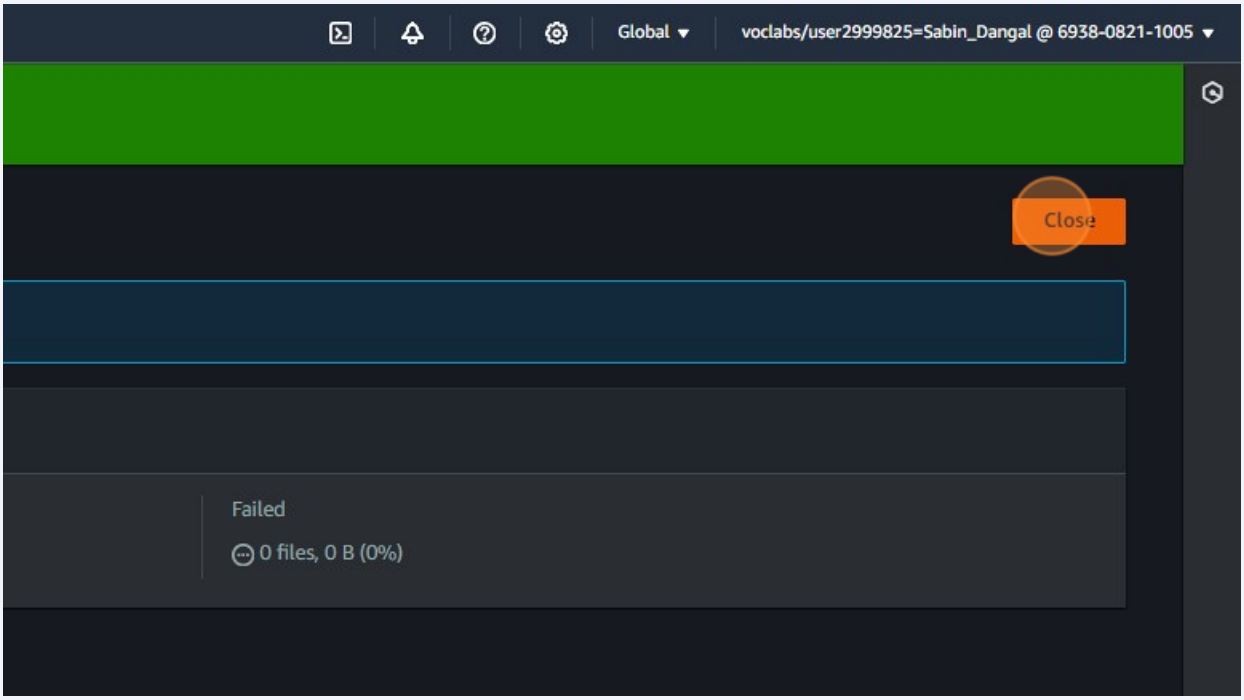
21 Click "Upload"



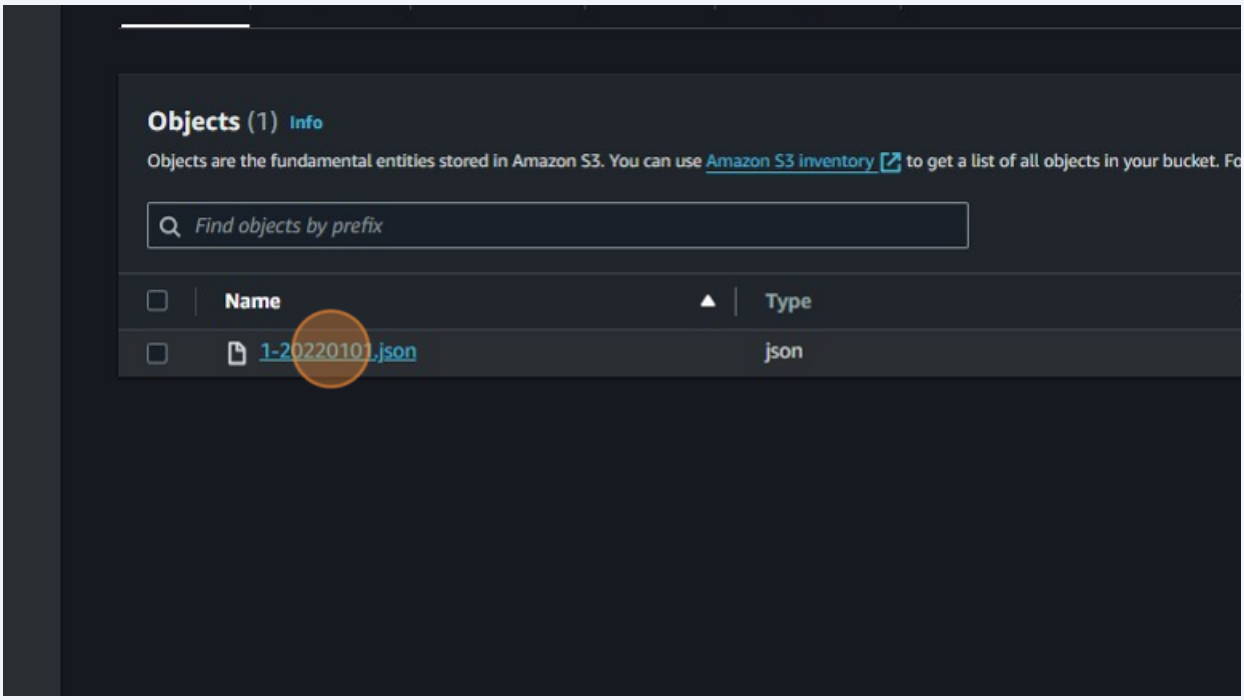
22 Click "View details below."



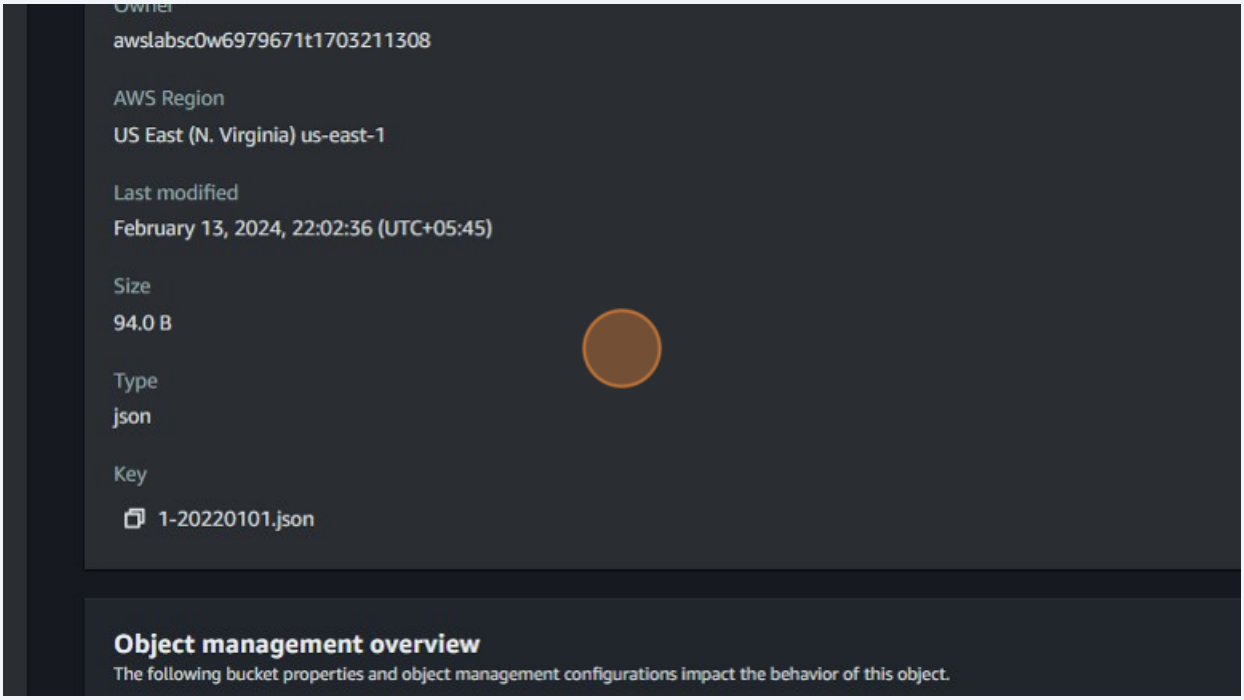
23 Click "Close"



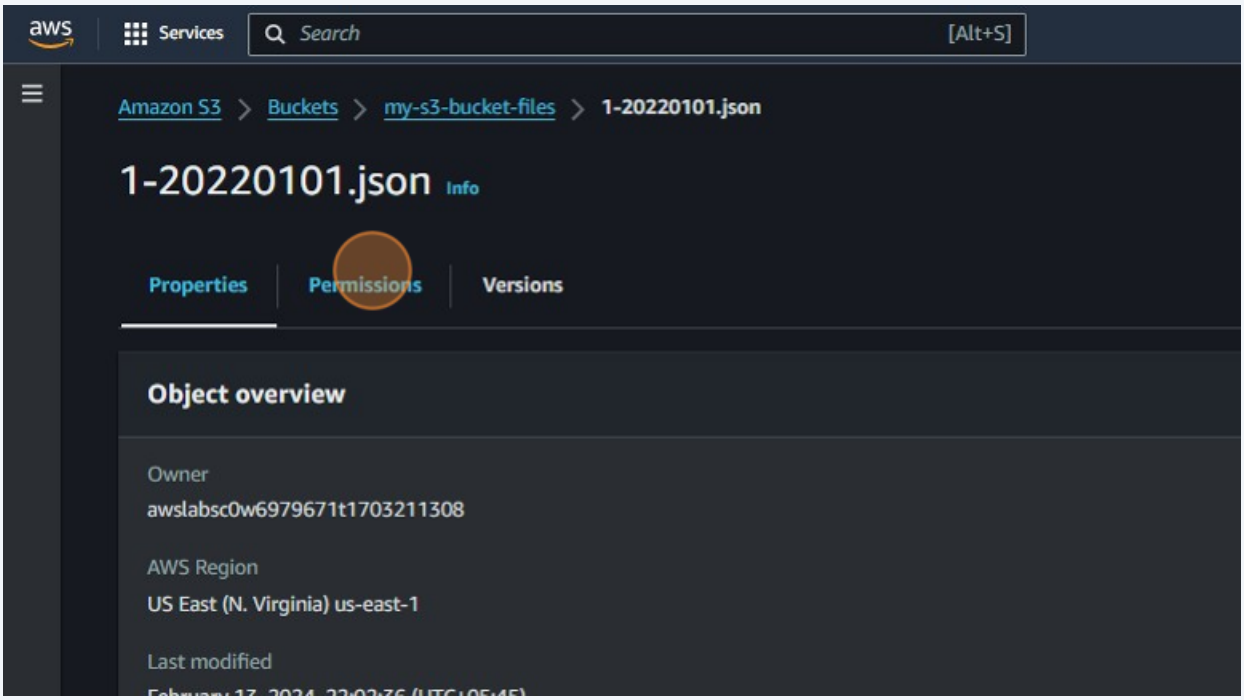
24 Click "1-20220101.json"



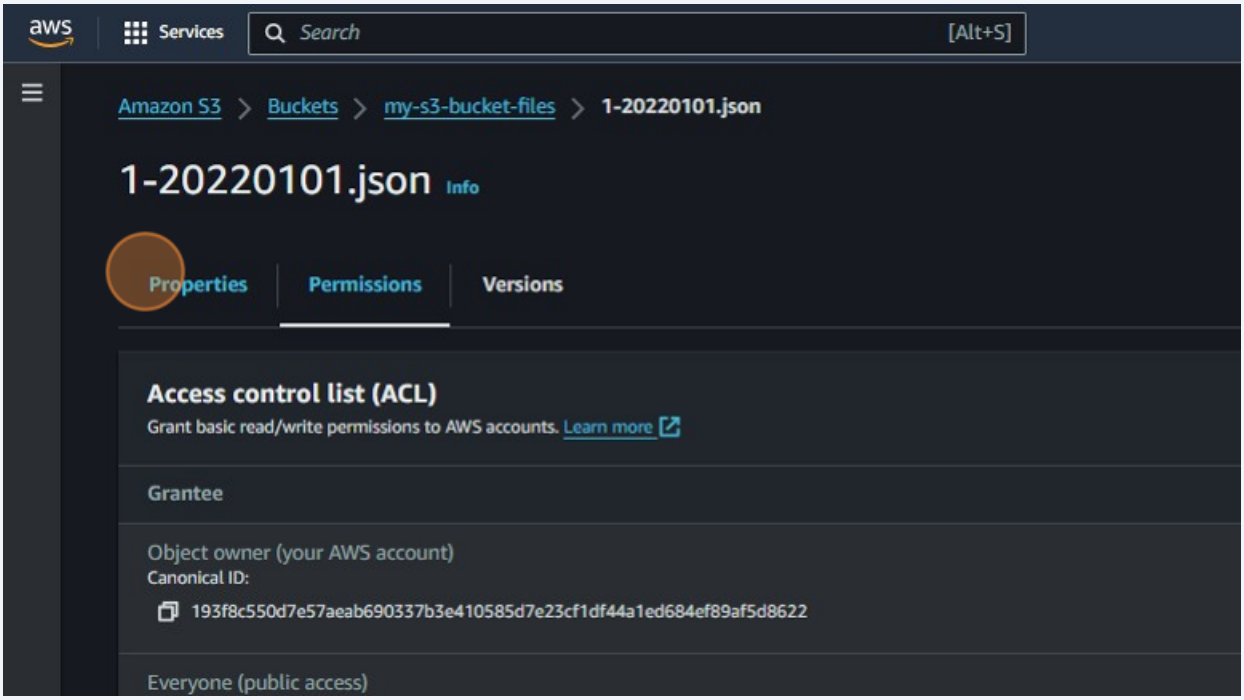
25 Click here.



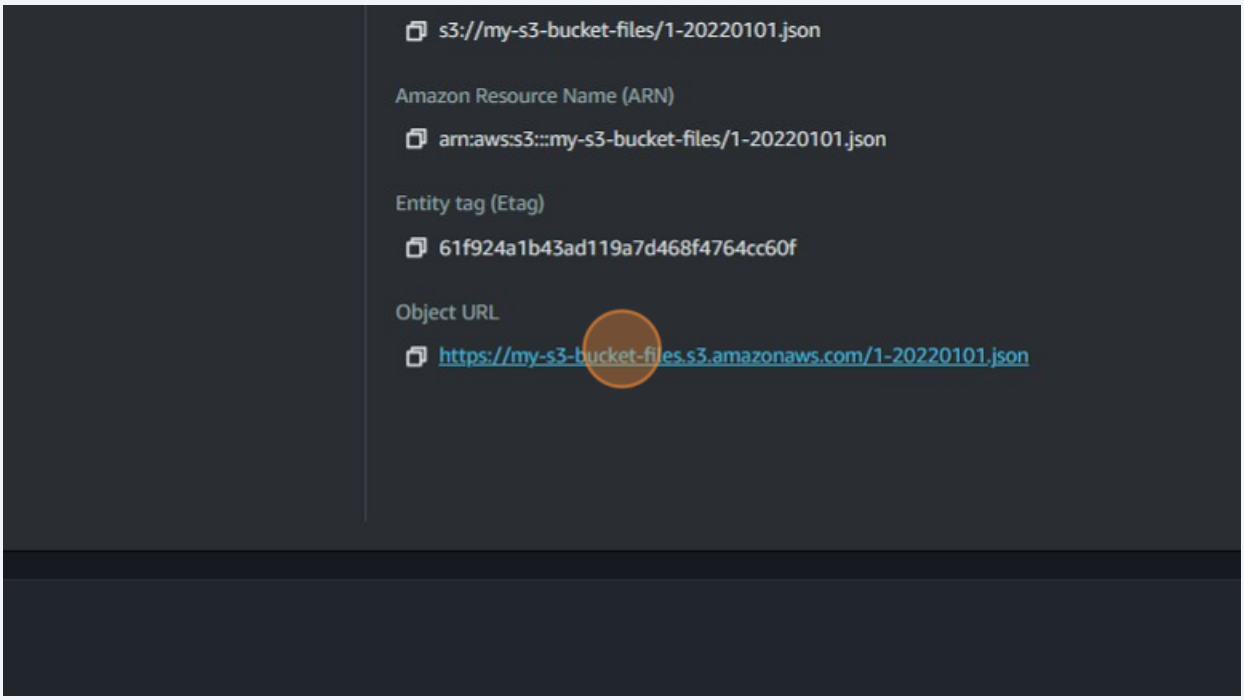
26 Click "Permissions"



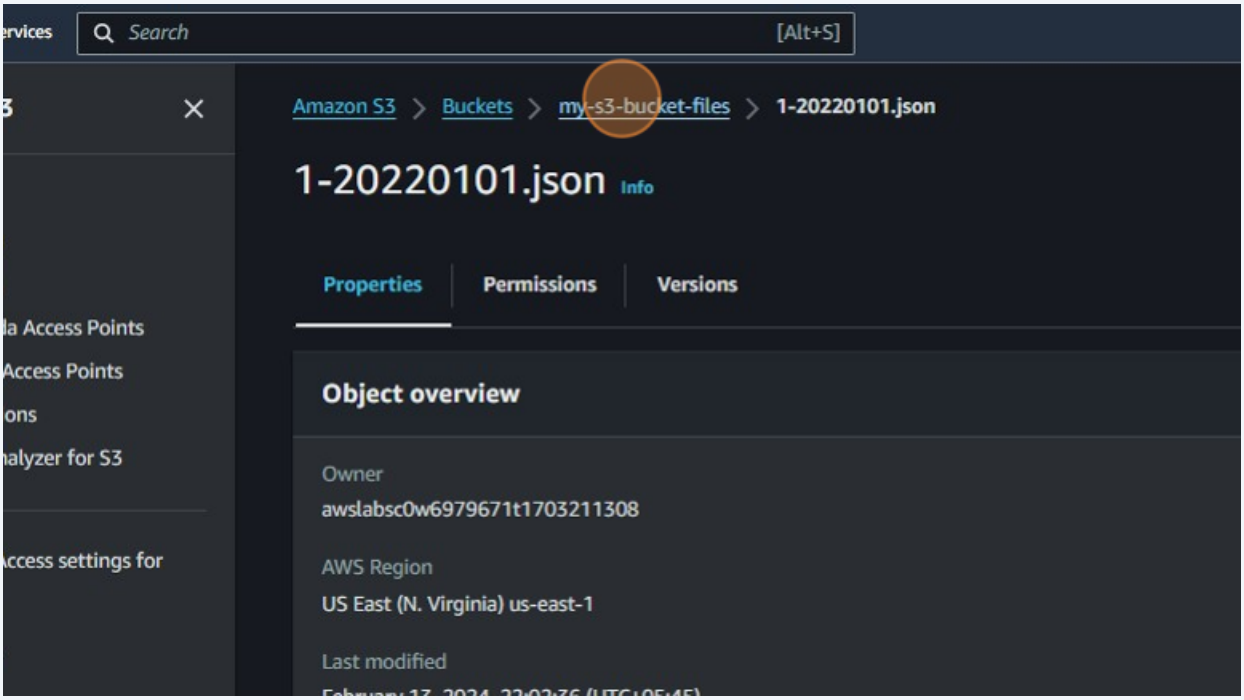
27 Click "Properties"



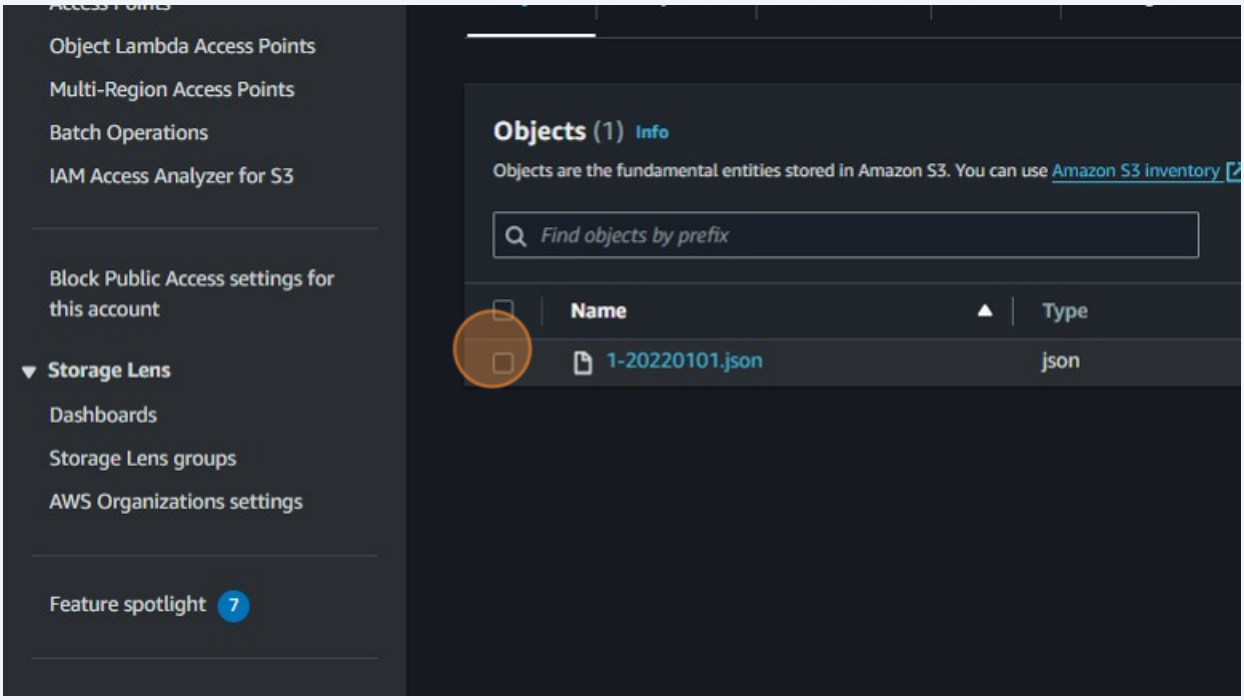
28 Click "https://my-s3-bucket-files.s3.amazonaws.com/1-20220101.json"



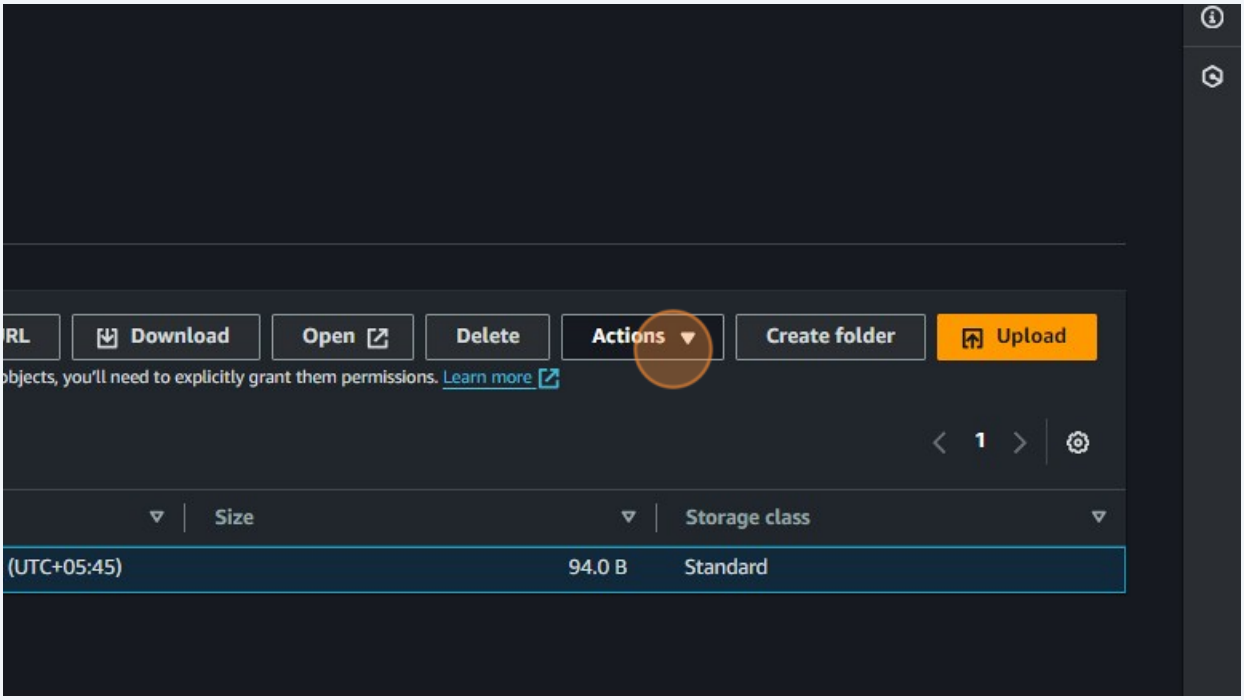
29 Click "my-s3-bucket-files"



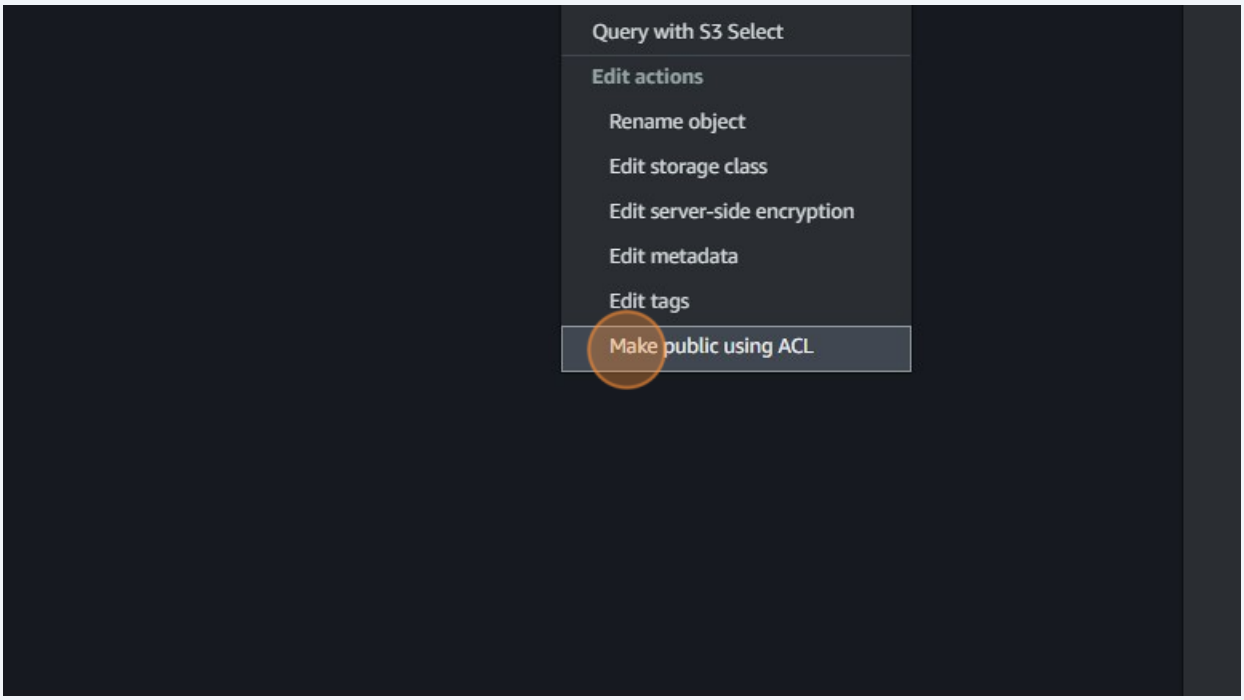
30 Click this checkbox.



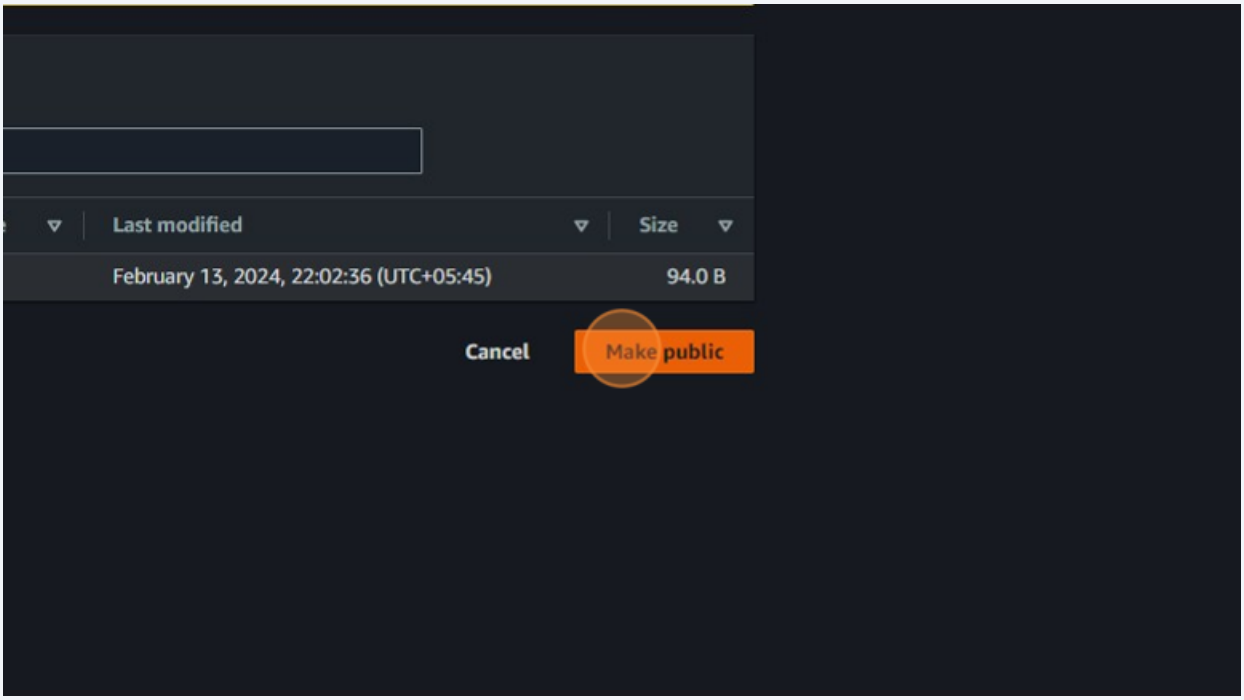
31 Click "Actions"



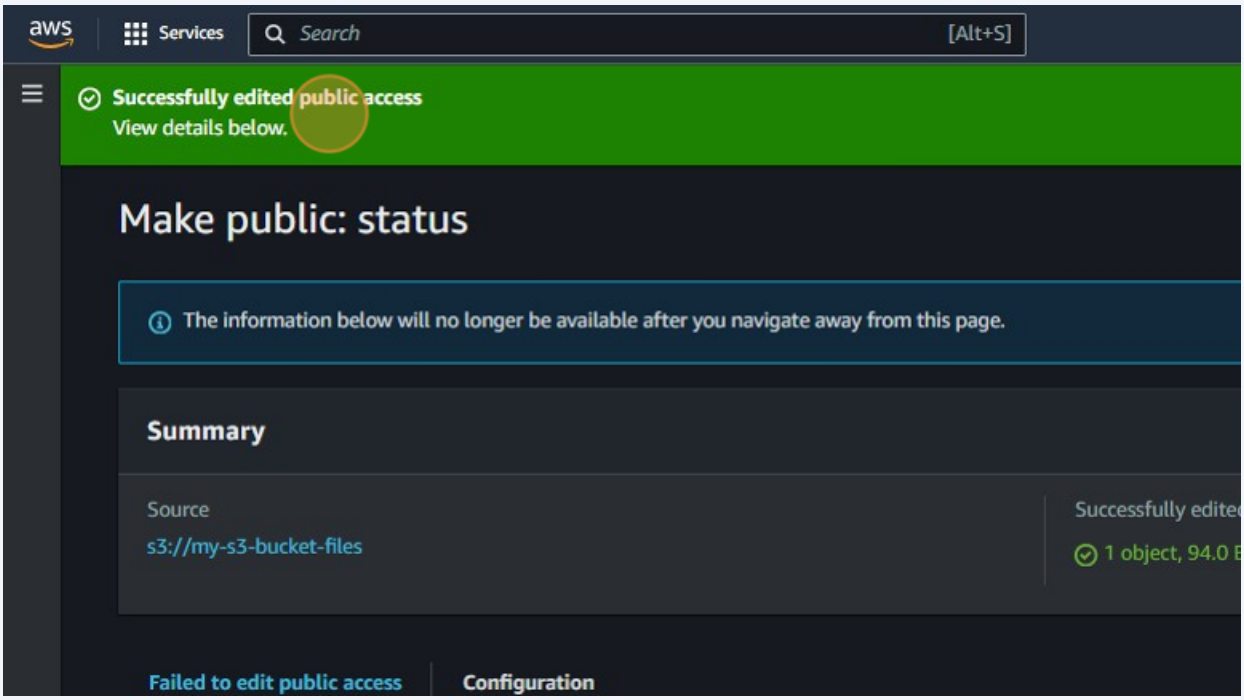
32 Click "Make public using ACL"



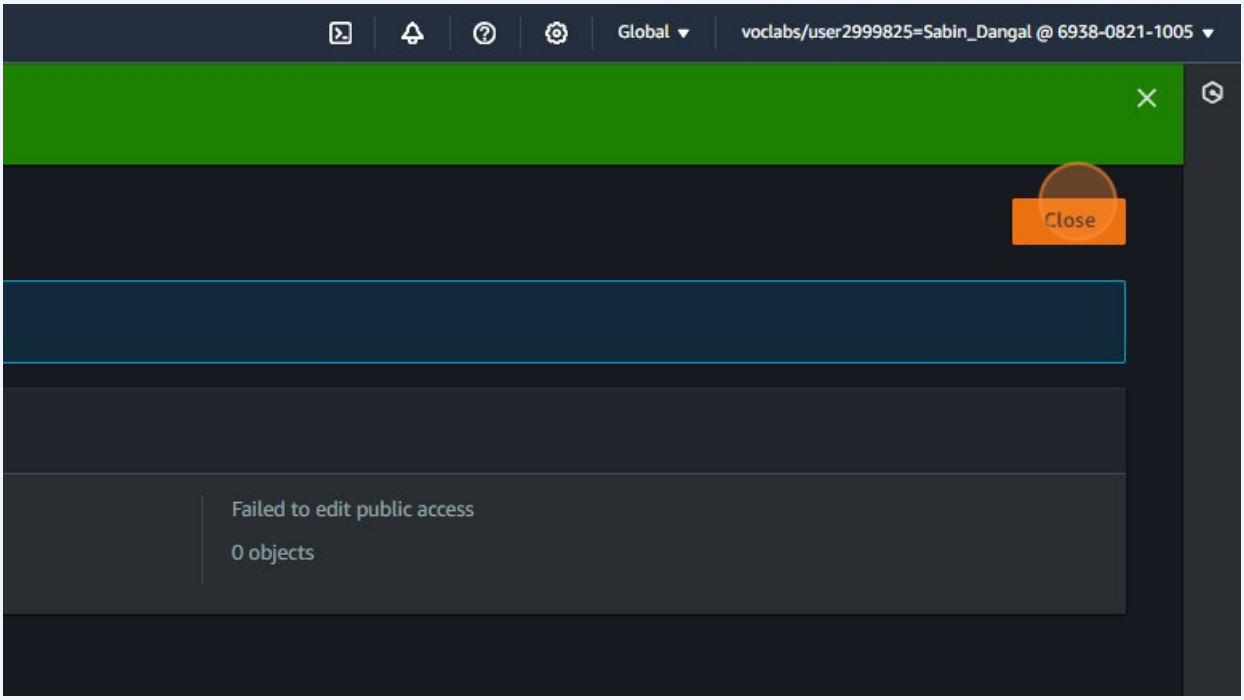
33 Click "Make public"



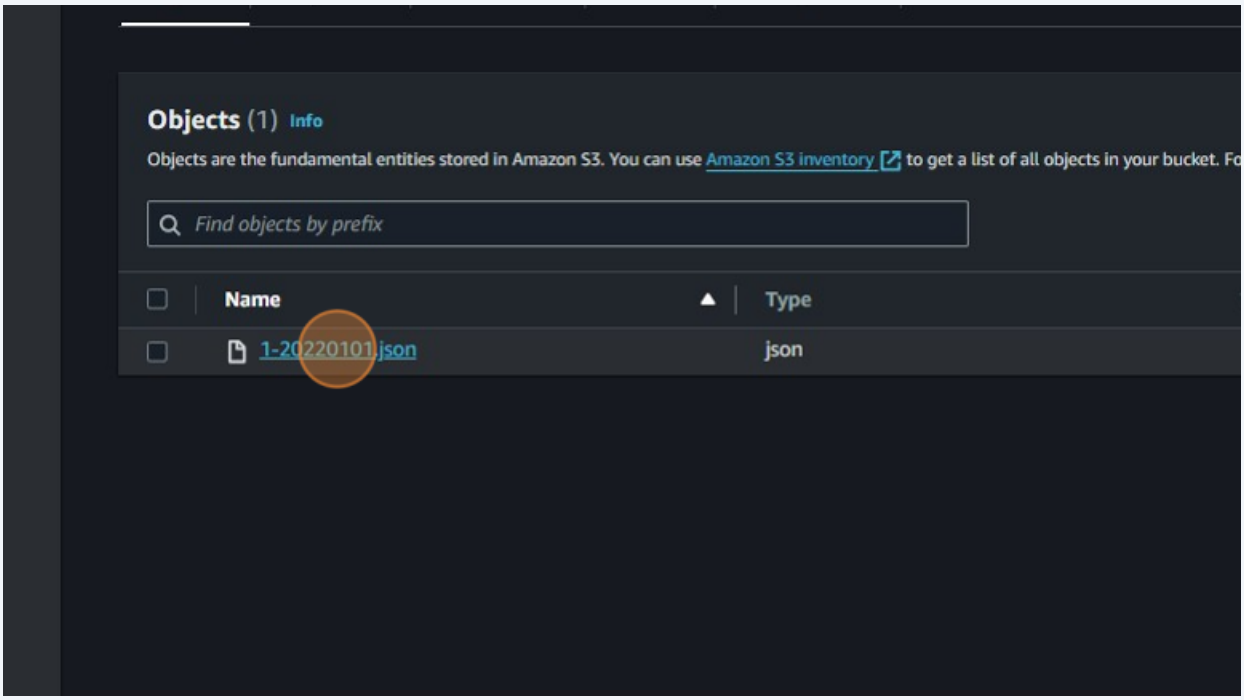
34 Click "View details below."



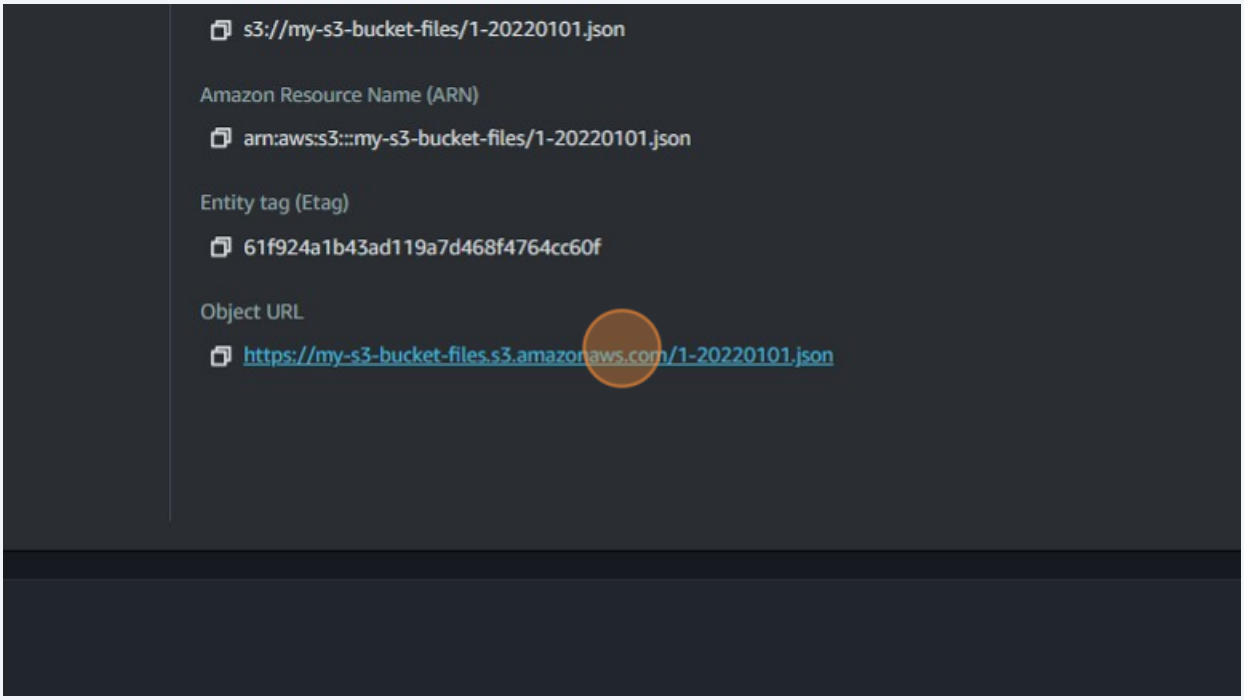
35 Click "Close"



36 Click "1-20220101.json"



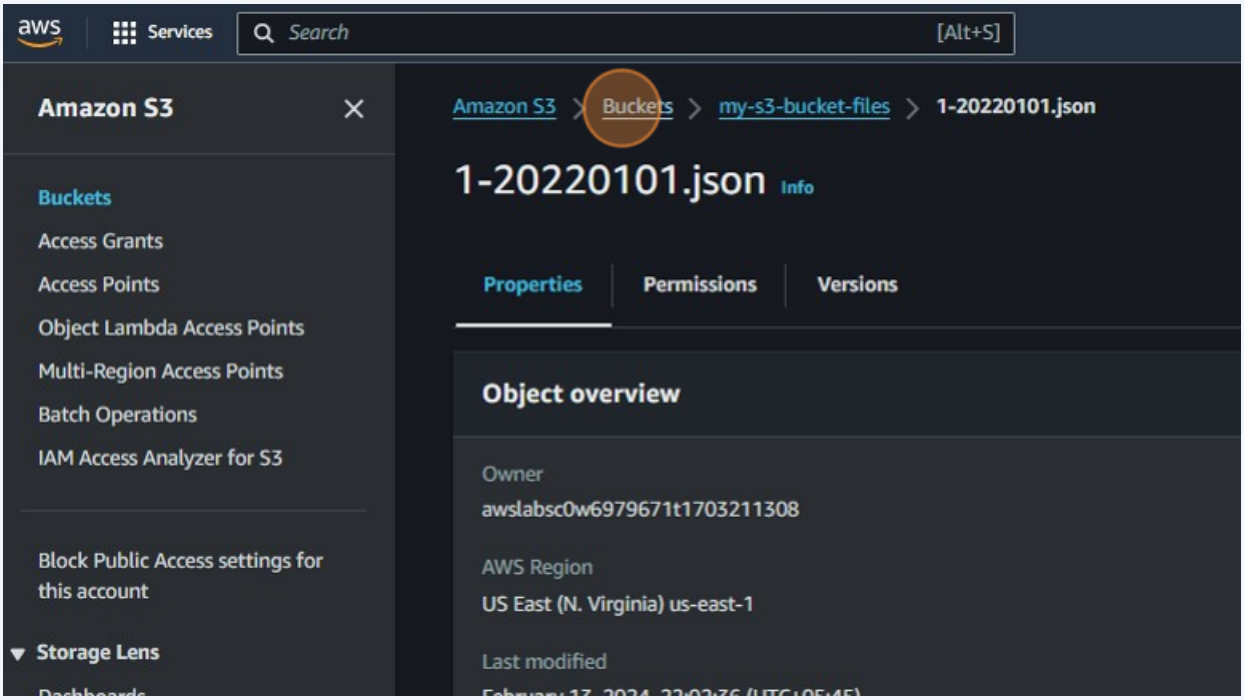
37 Click "https://my-s3-bucket-files.s3.amazonaws.com/1-20220101.json"



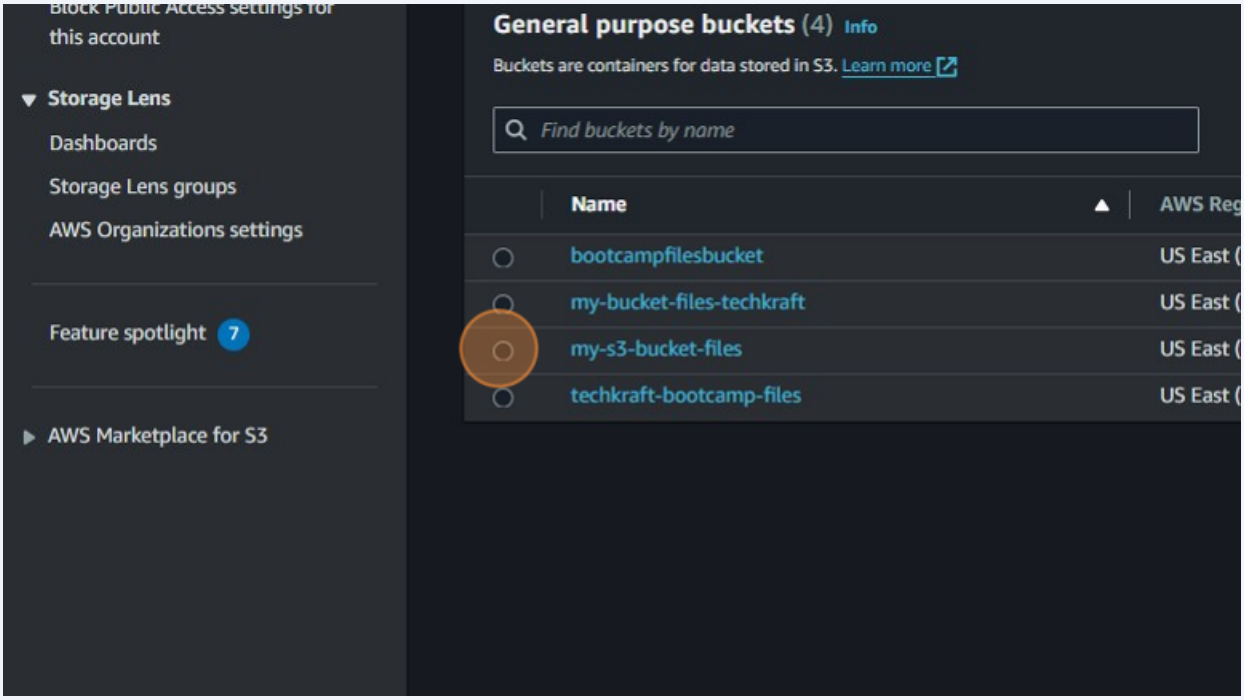
38 Click "age: 30,"

39 Navigate to https://s3.console.aws.amazon.com/s3/object/my-s3-bucket-files?region=us-east-1&bucketType=general&prefix=1-20220101.json

40 Click "Buckets"



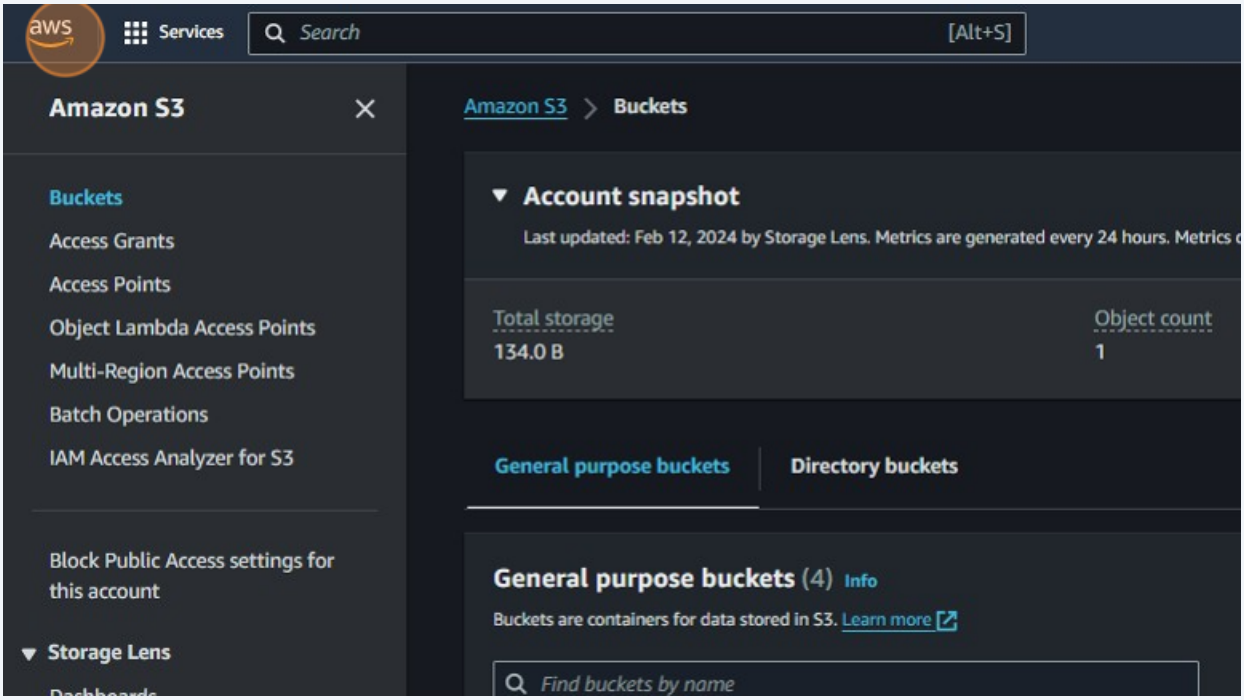
41 Lists of buckets



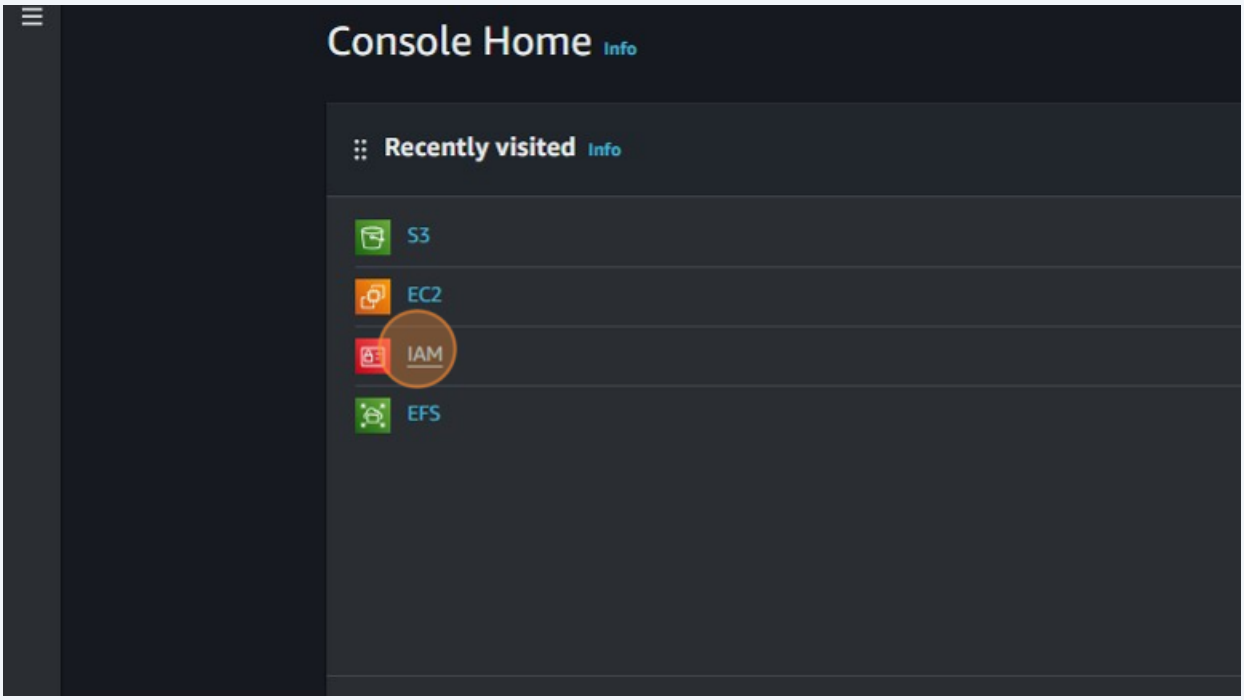
IAM Users and Roles Lab

42 Navigate to https://s3.console.aws.amazon.com/s3/buckets?region=us-east-1&bucketType=general&region=us-east-1

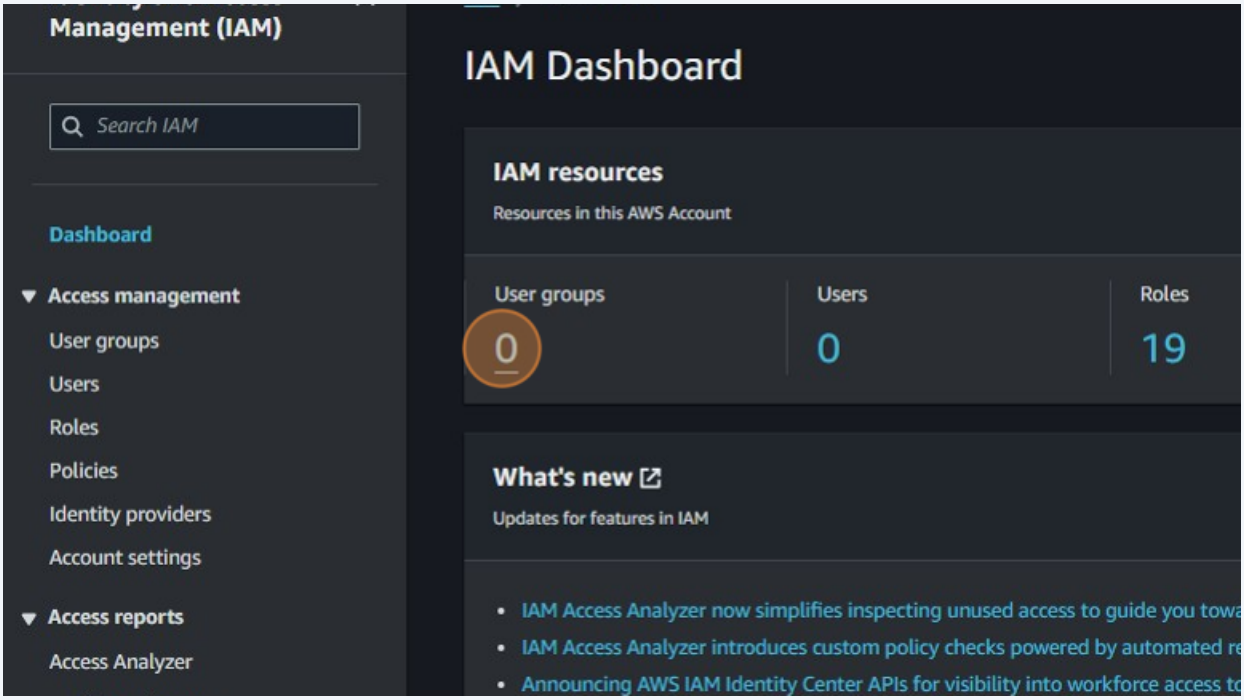
43 Click this link.



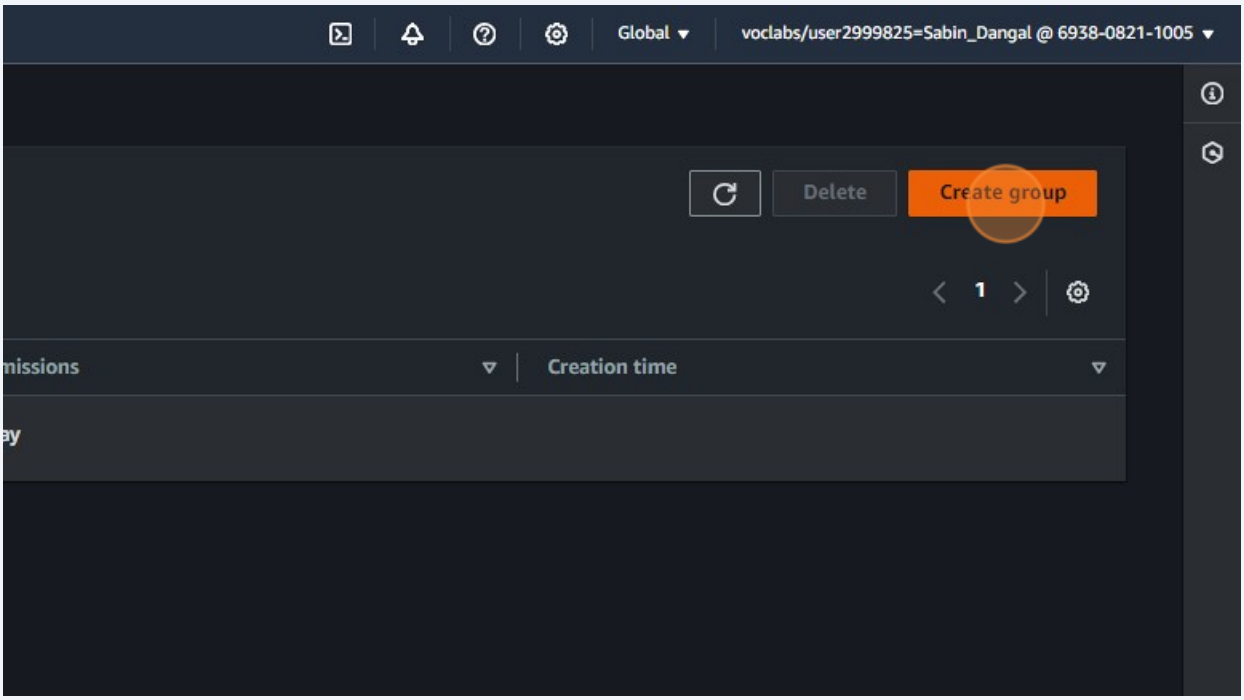
44 Click "IAM"



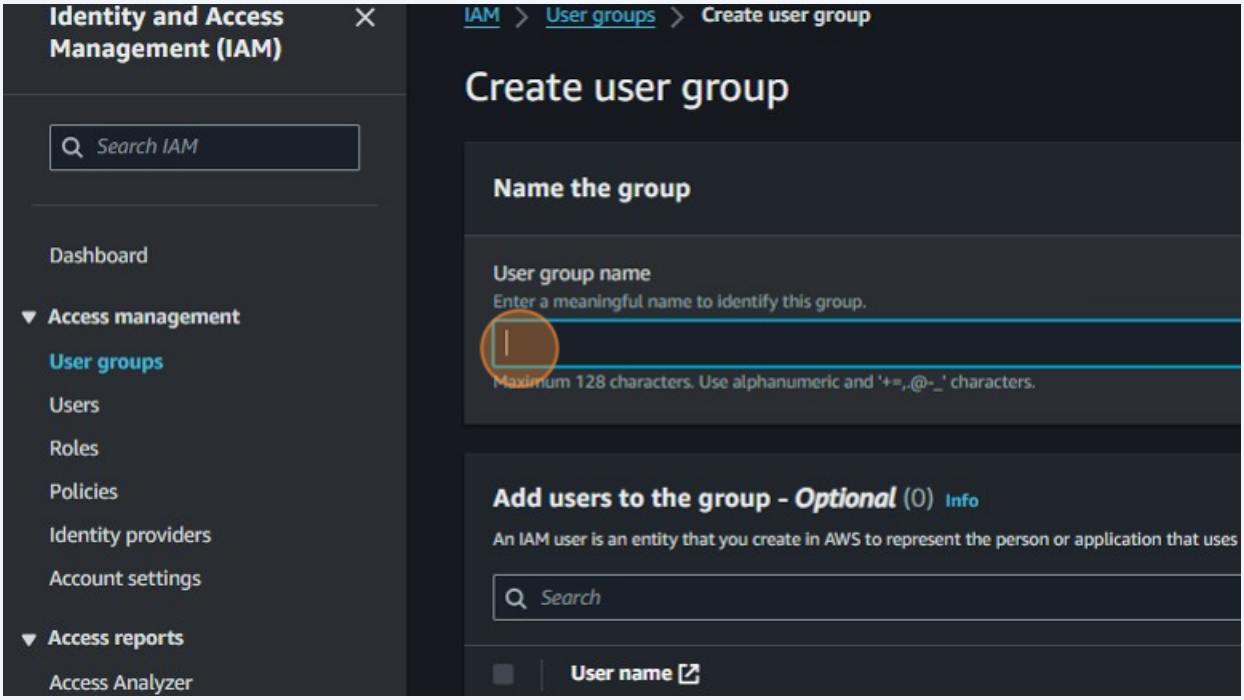
45 Click "0"



46 Click "Create group"

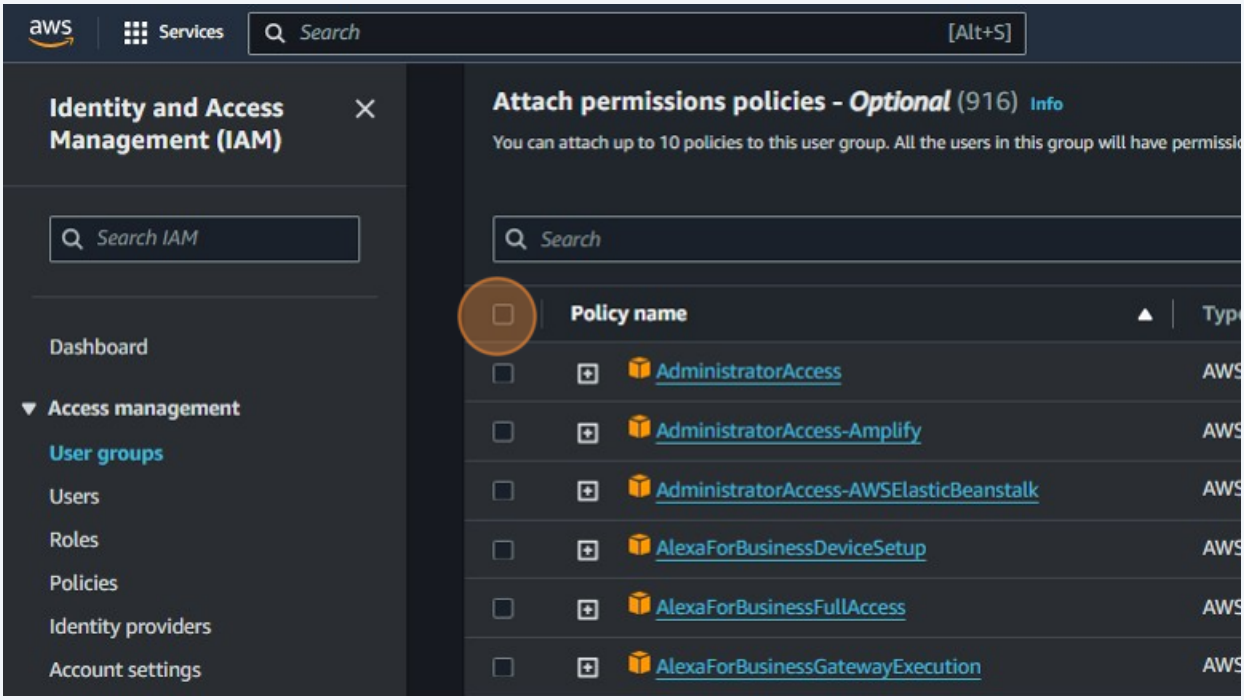


47 Click the "User group name" field.

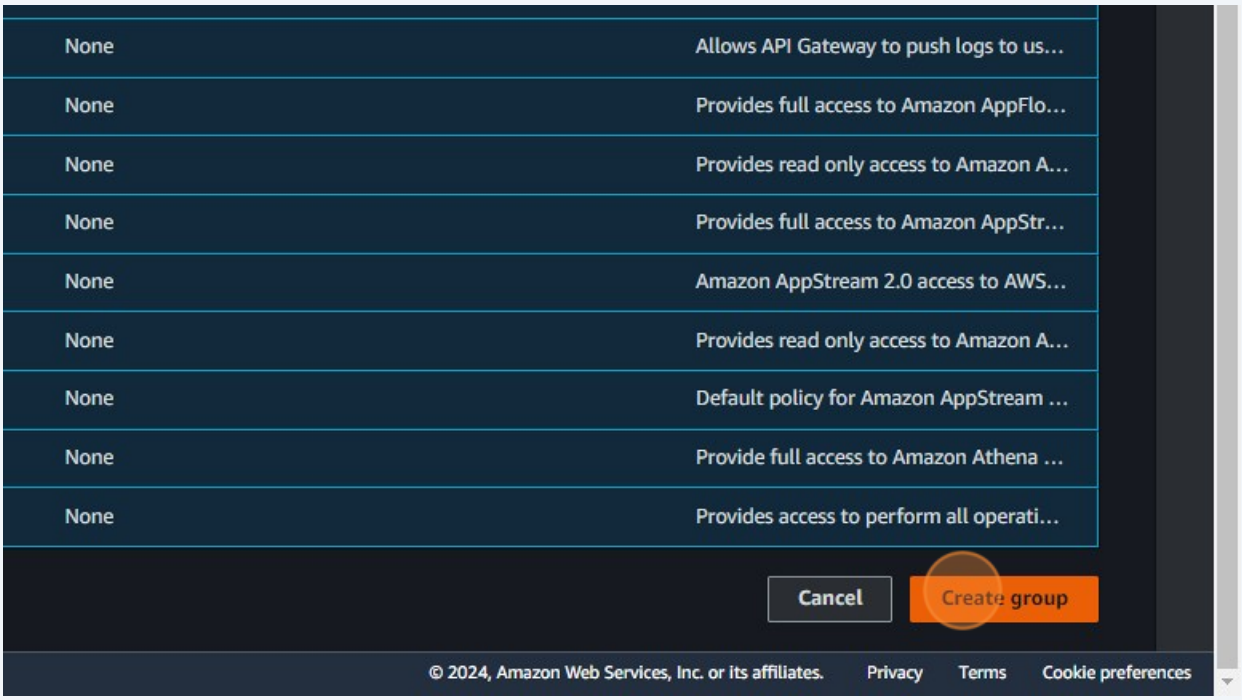


48 Type "my-user-group"

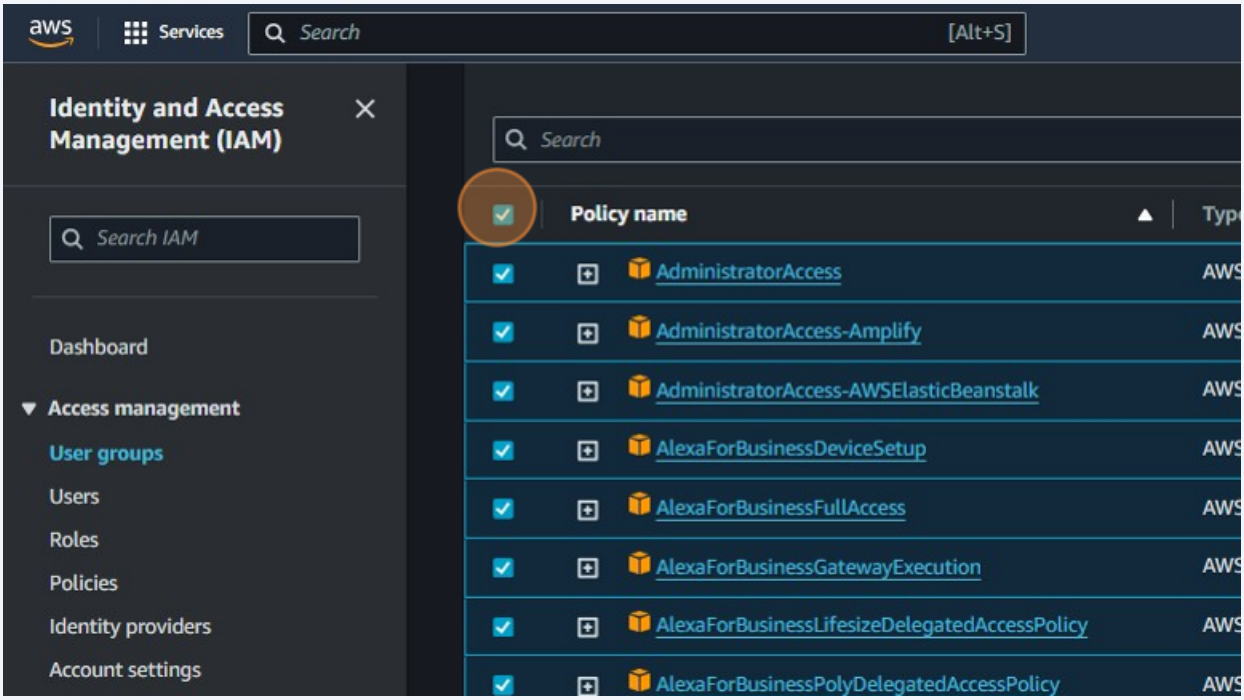
49 Click this checkbox.



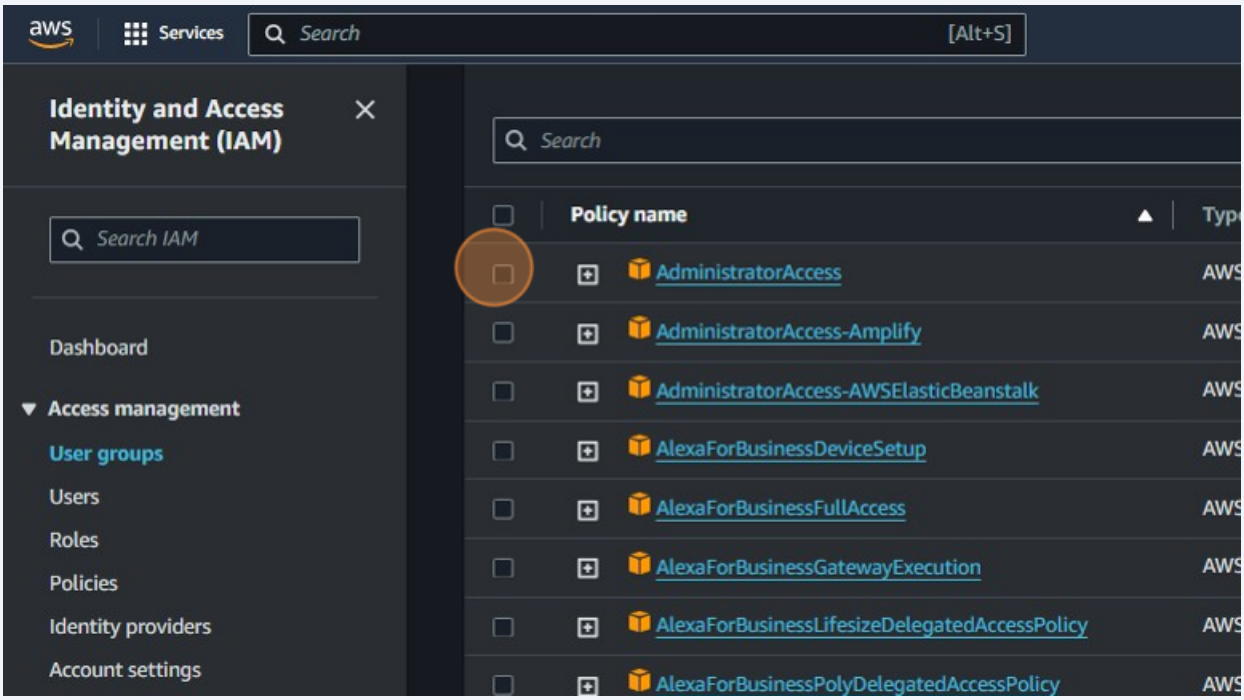
50 Click "Create group"



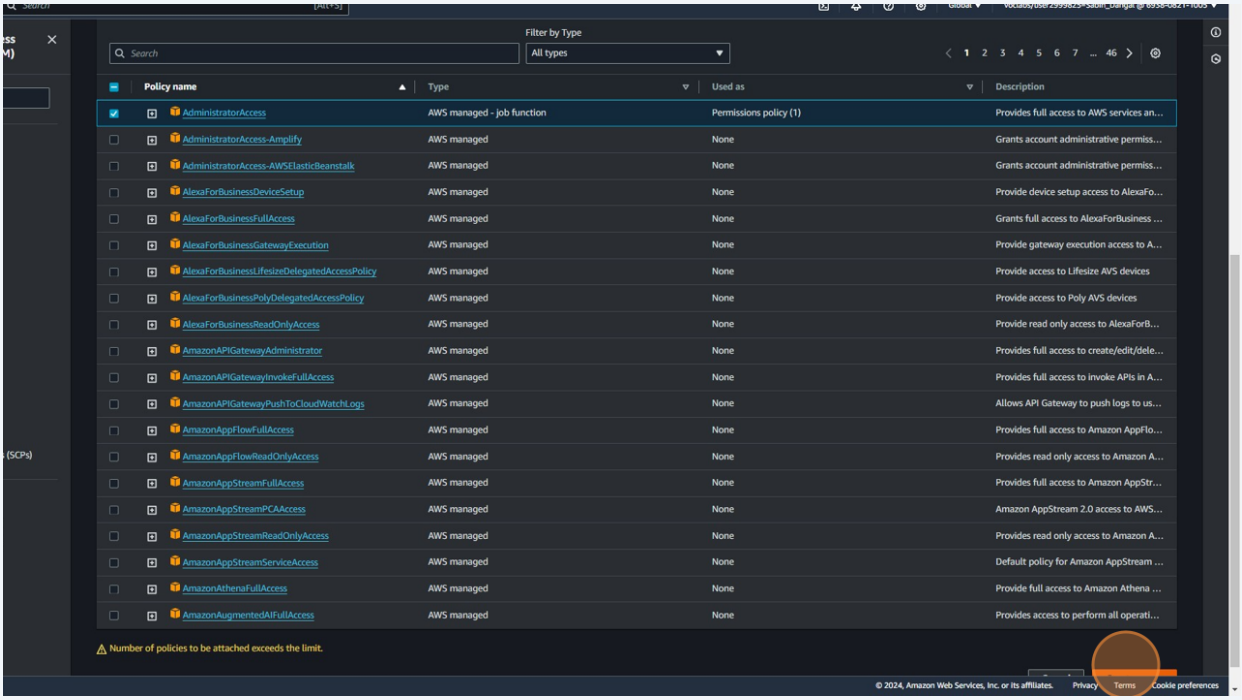
51 Click this checkbox.



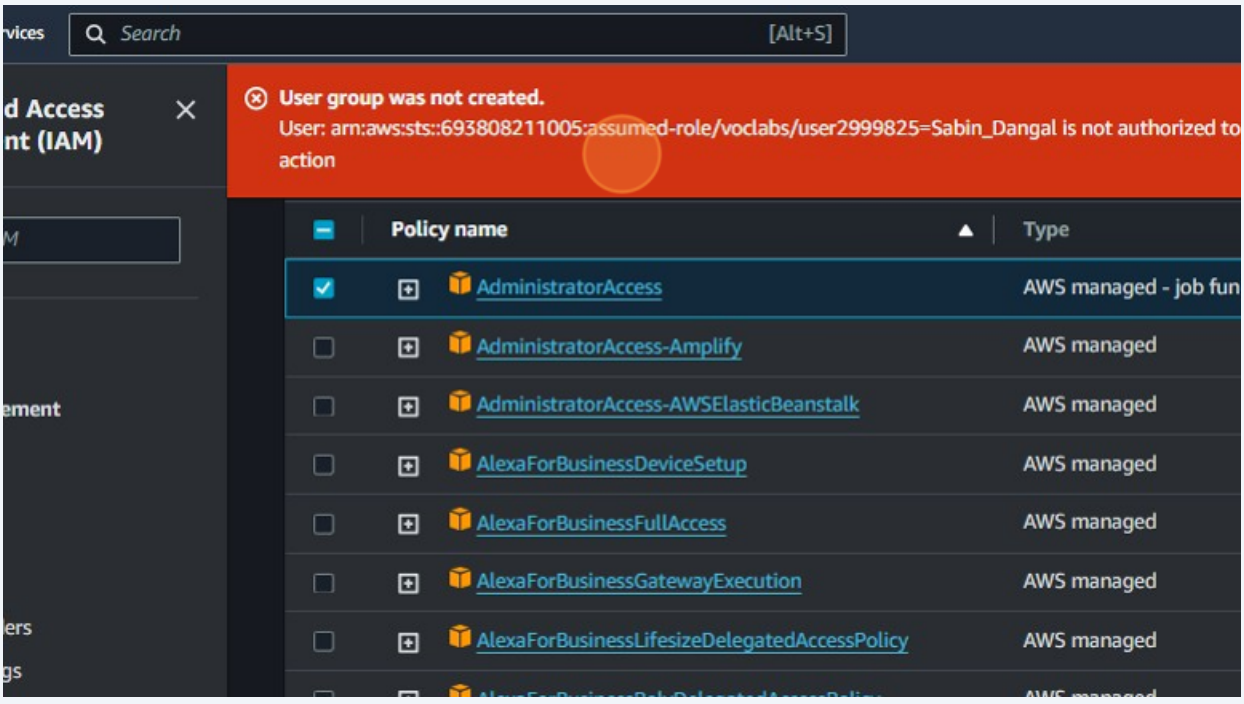
52 Click this checkbox.



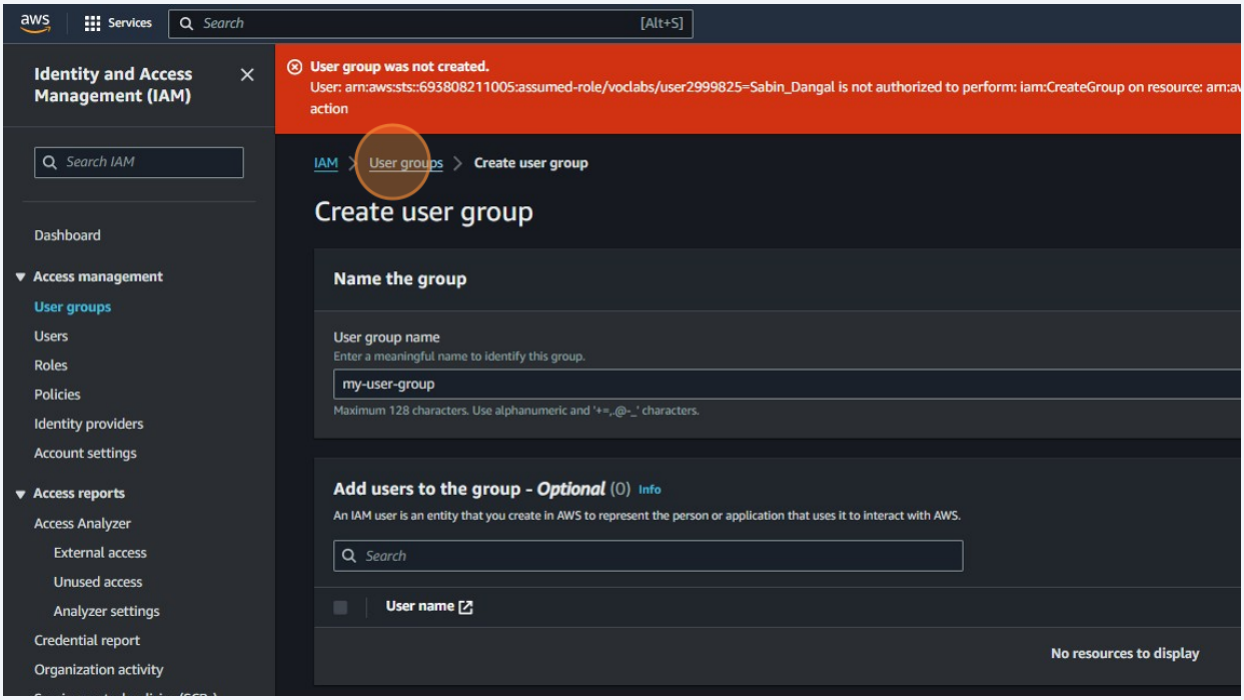
53 Click "Create group"



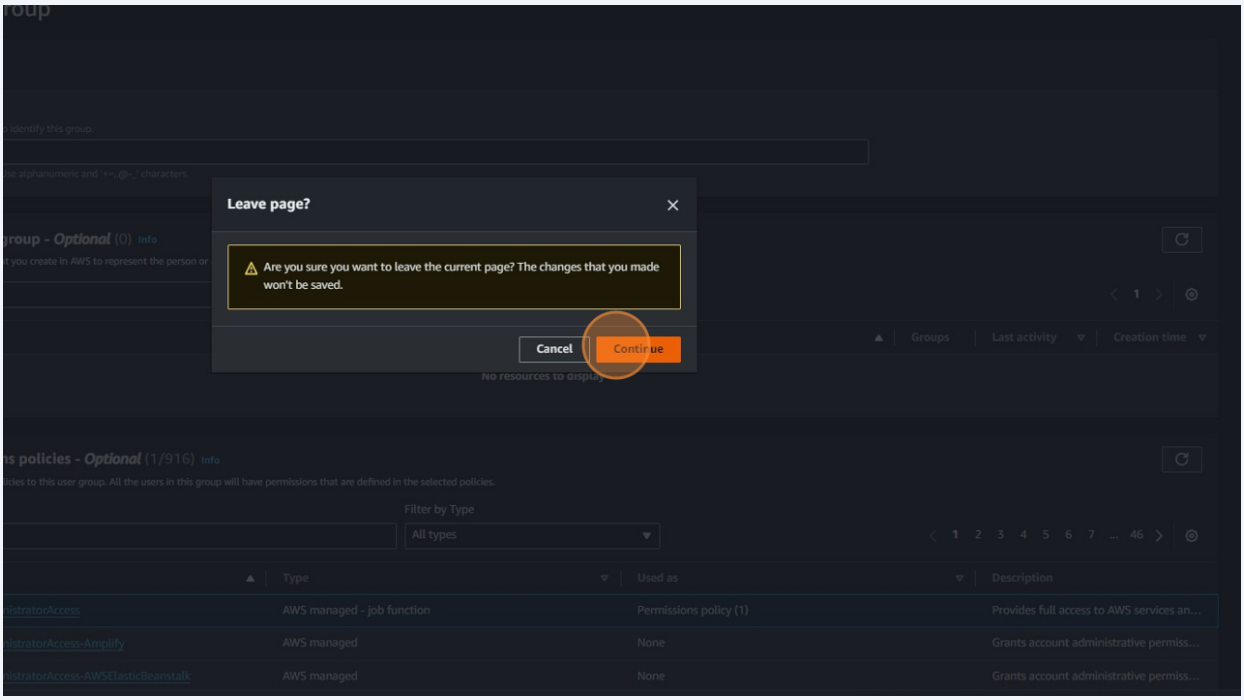
54 Click "User: arn:aws:sts::693808211005:assumed-role/voclabs/user2999825=Sabin_Dangal is not authorized to perform: iam:CreateGroup on resource: arn:aws..."



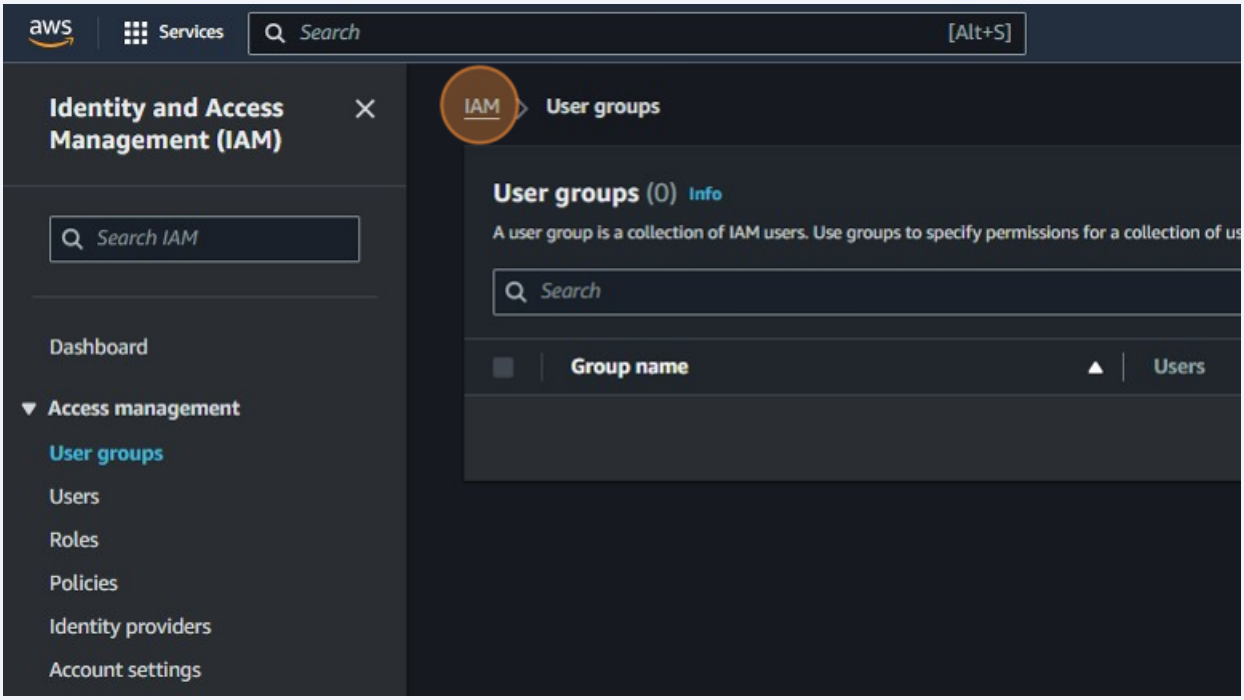
55 Click "User groups"



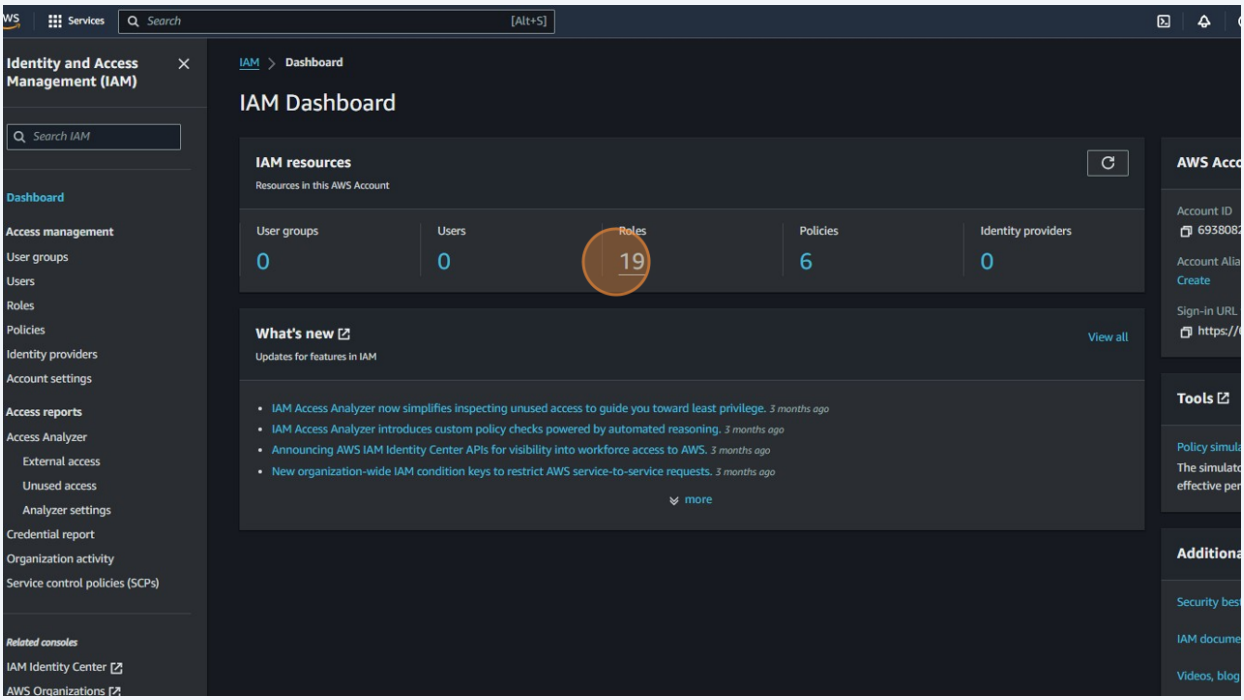
56 Click "Continue"



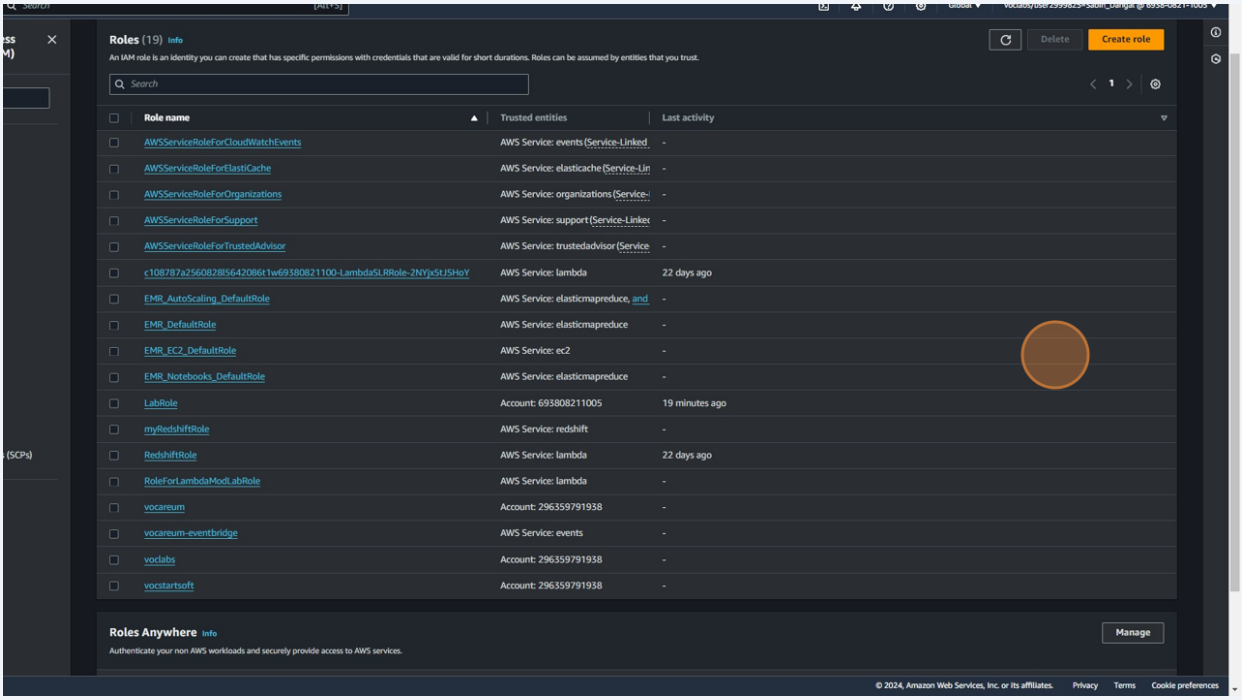
57 Click "IAM"



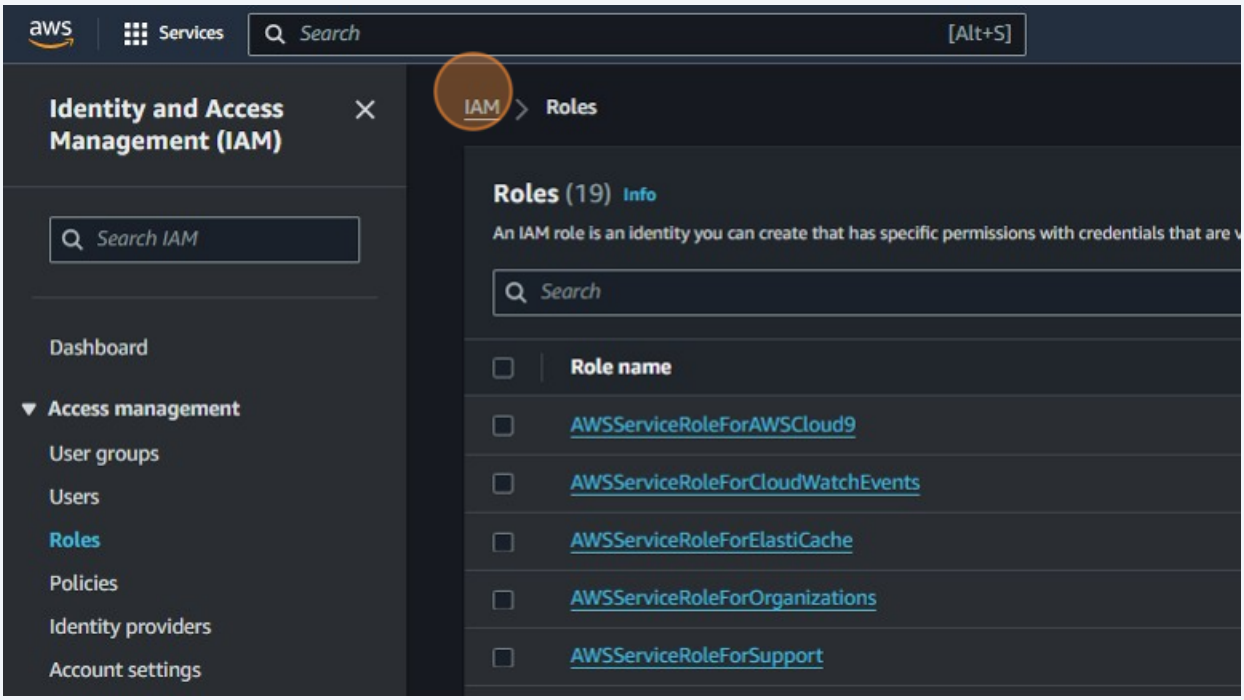
58 Click on the roles



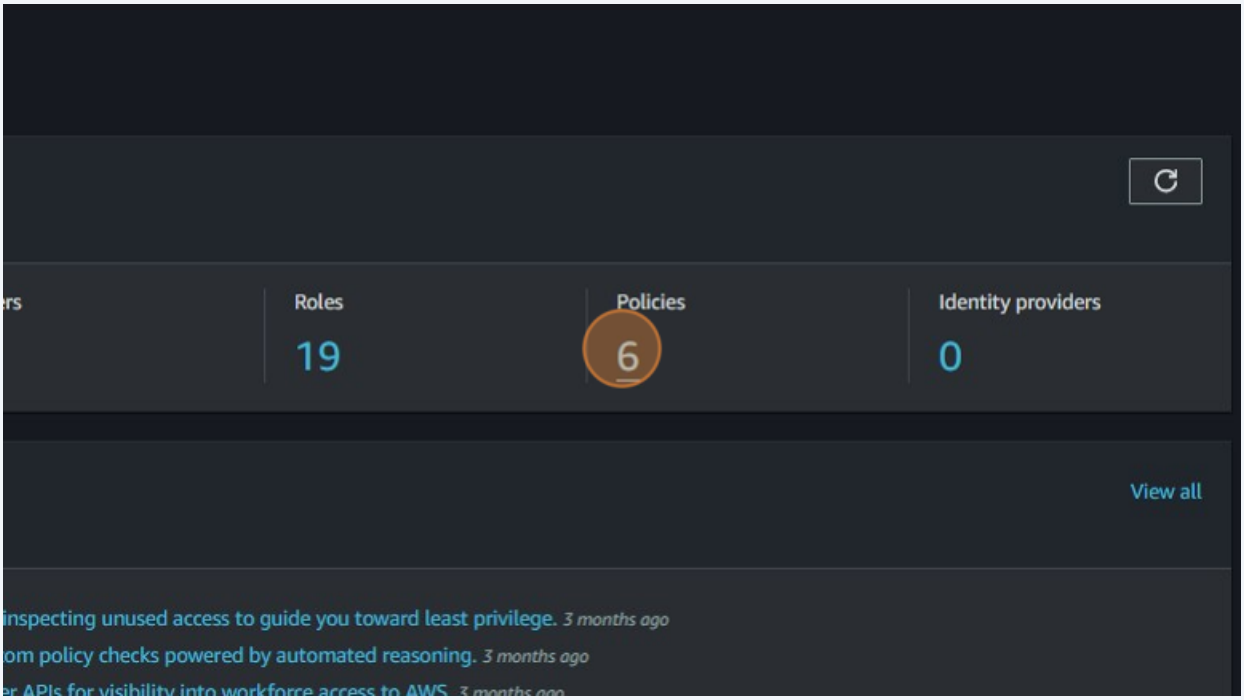
59 Roles List



60 Click "IAM"



61 Click on policies

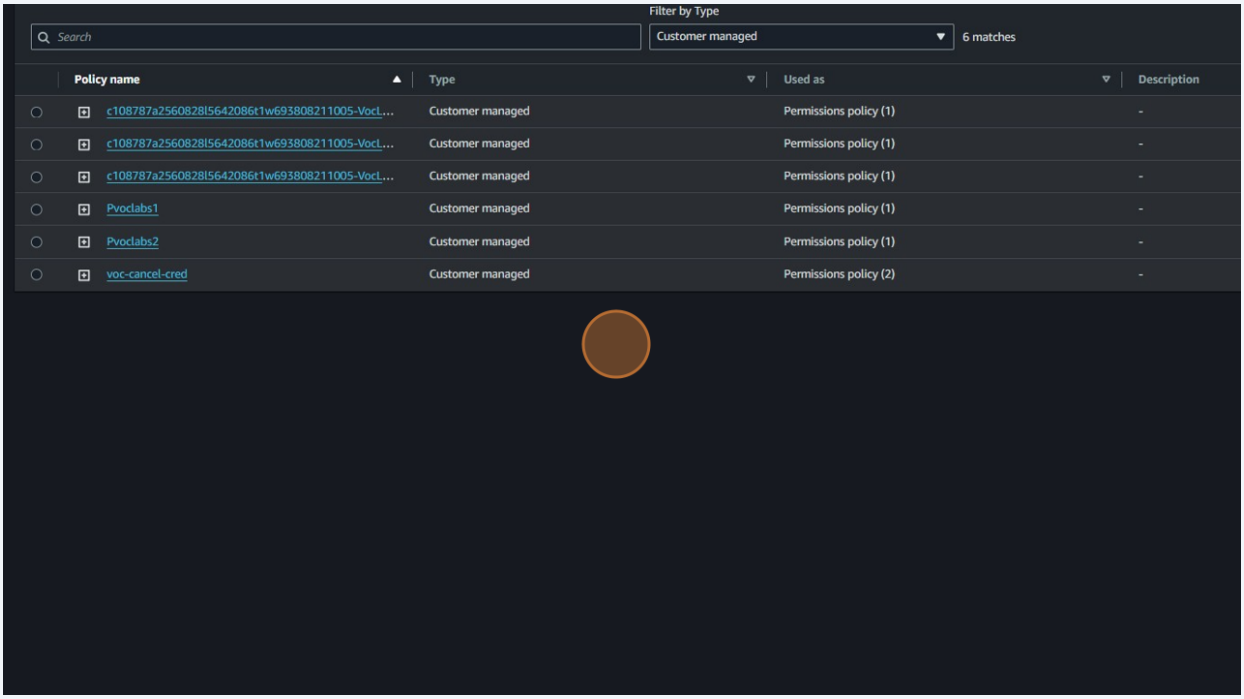


62 Click "IAM
Policies
Policies (1179)

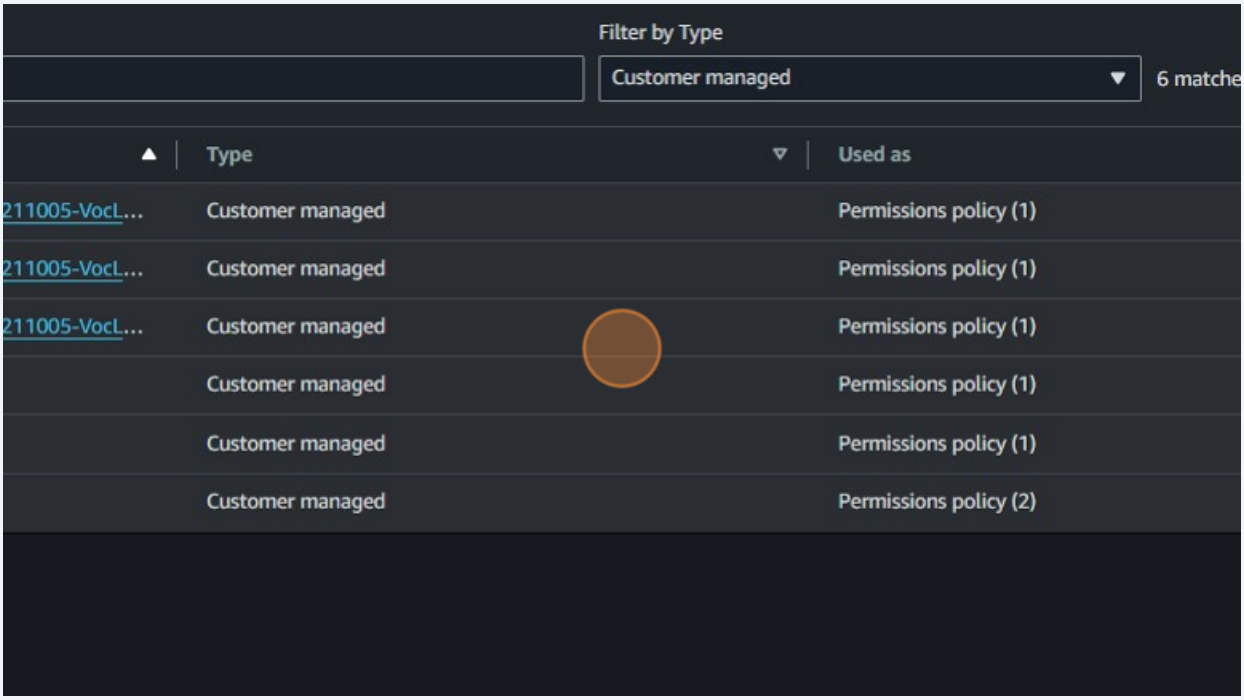
Info
Actions
Delete
Create policy

A policy is an object in AWS that defines permissions.

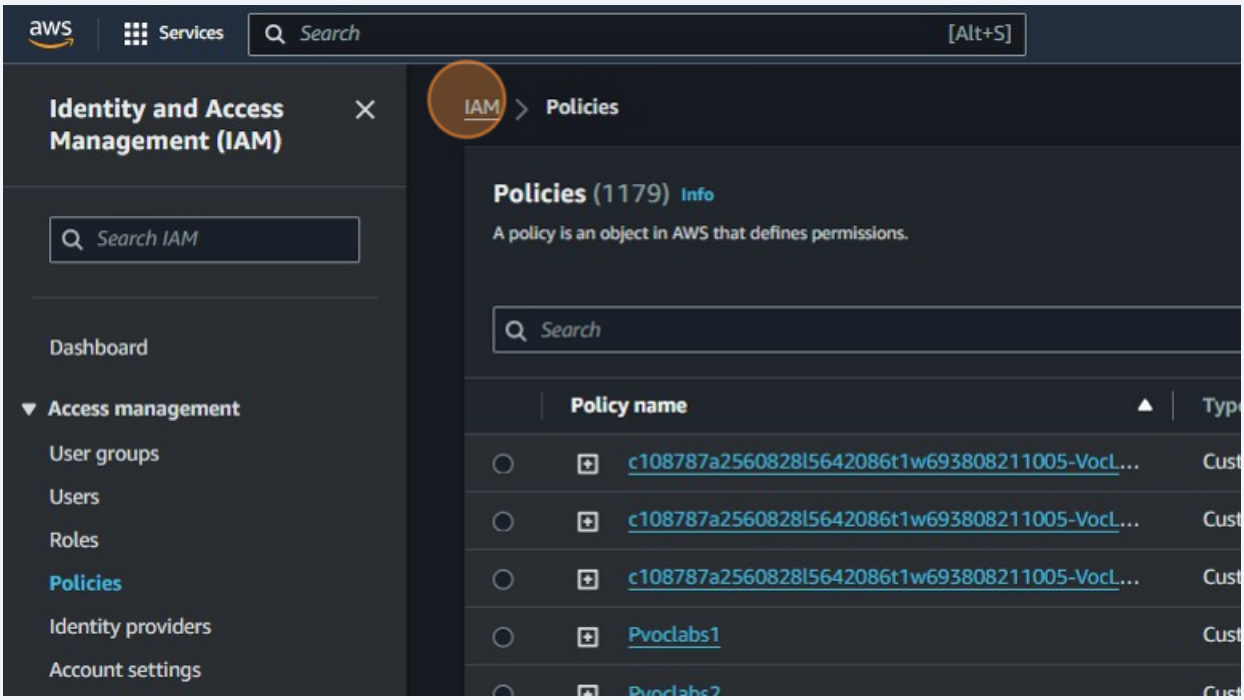
Filter by Type
Custome..."



63 Click "Customer managed"

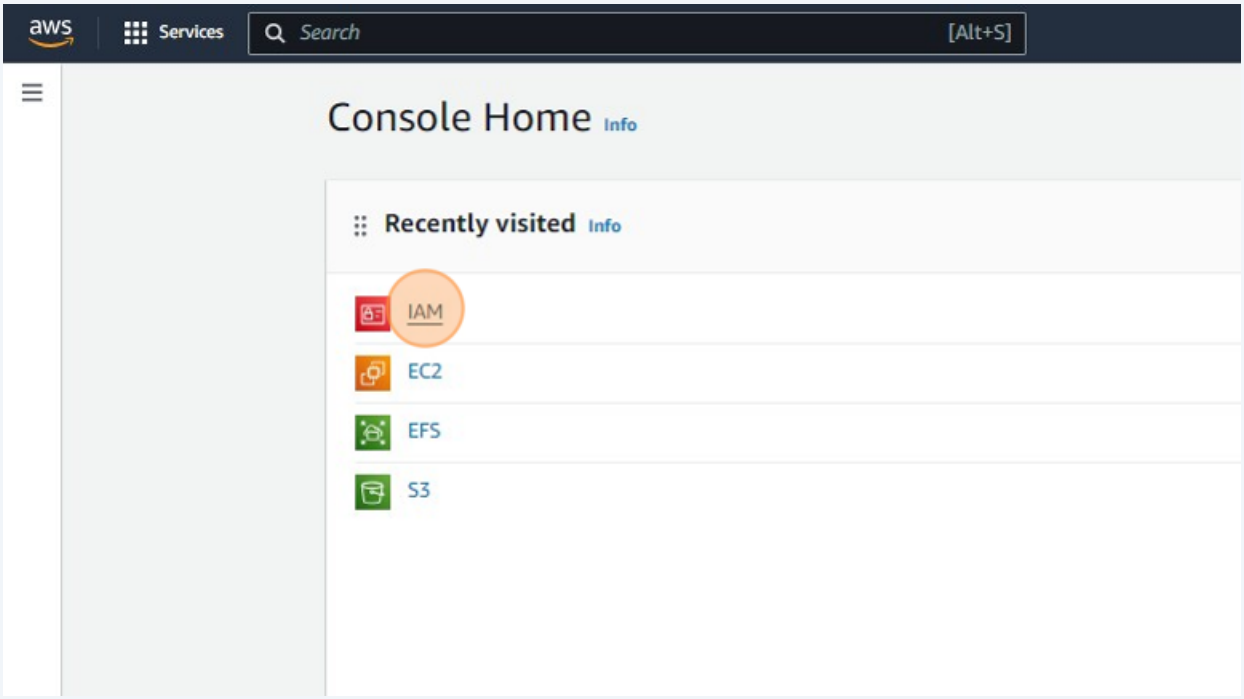


64 Click "IAM"

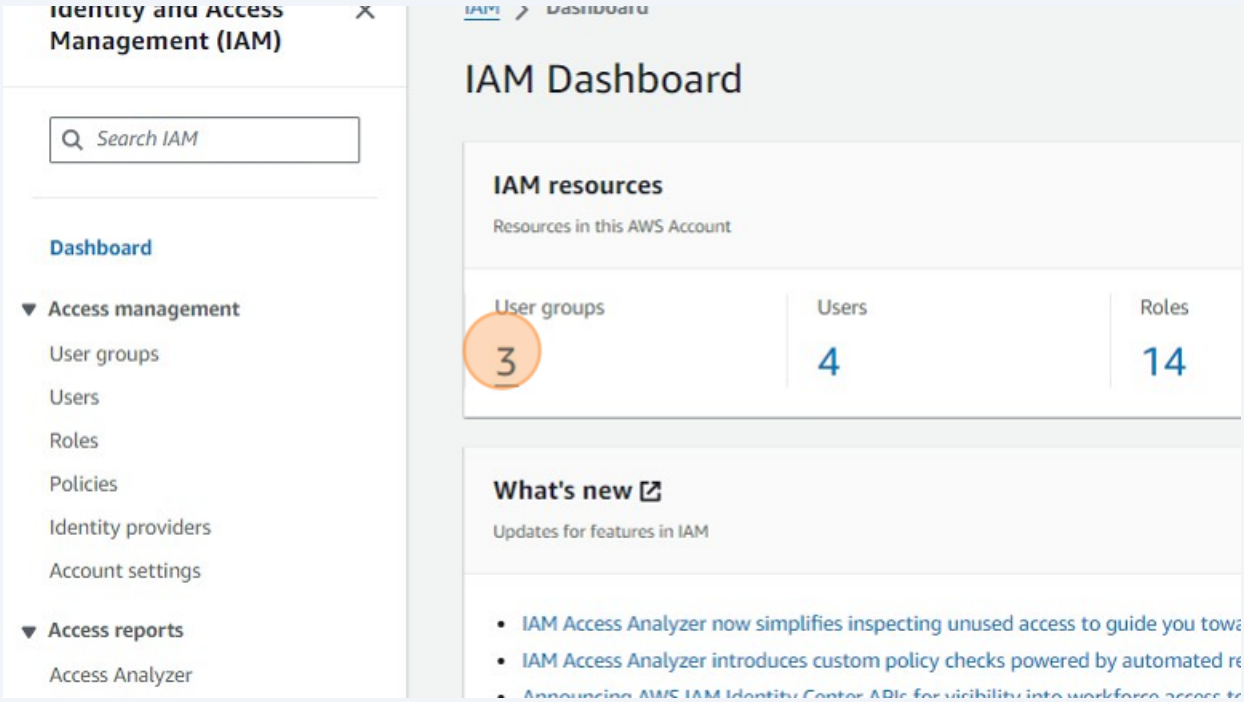


65 Navigate to
https://us-east-1.console.aws.amazon.com/console/home?region=us-east-1#

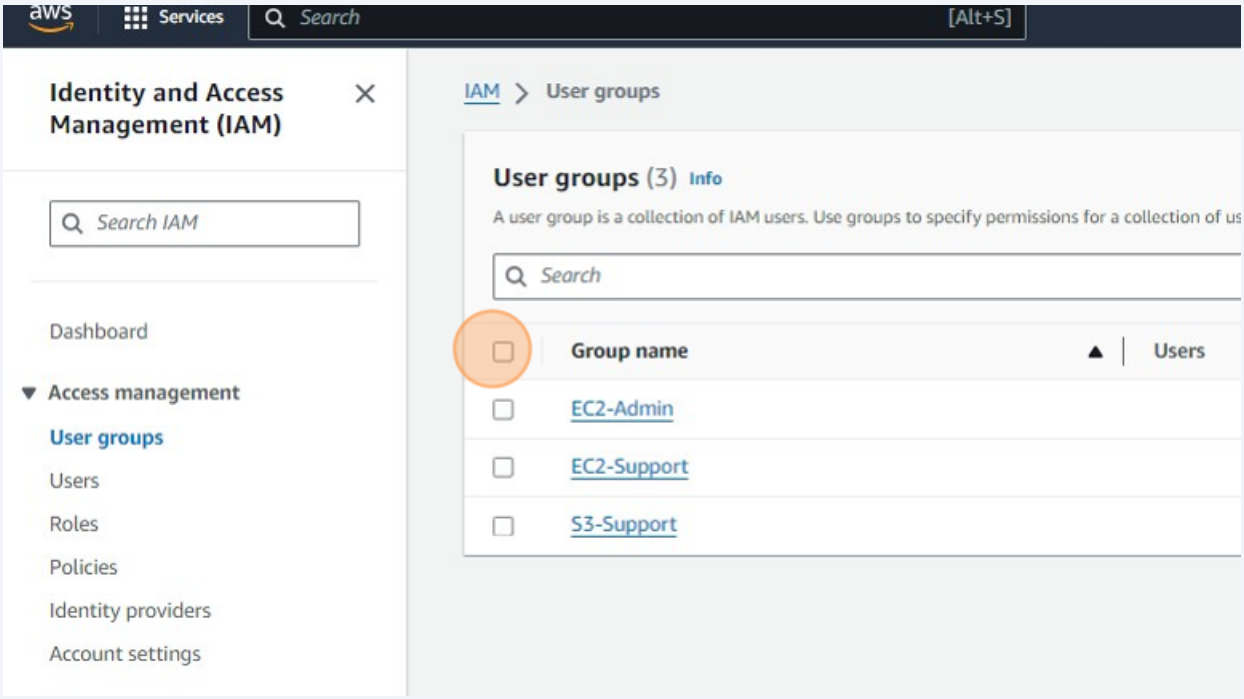
66 Click "IAM"



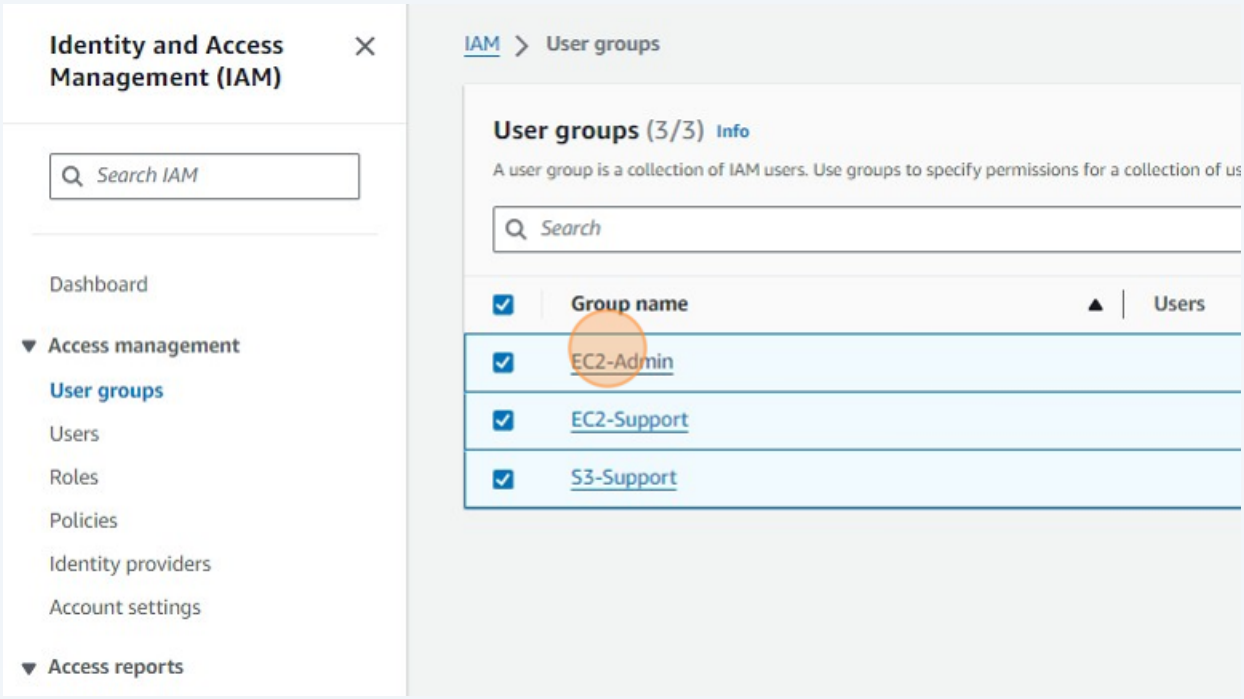
67 Click "3"



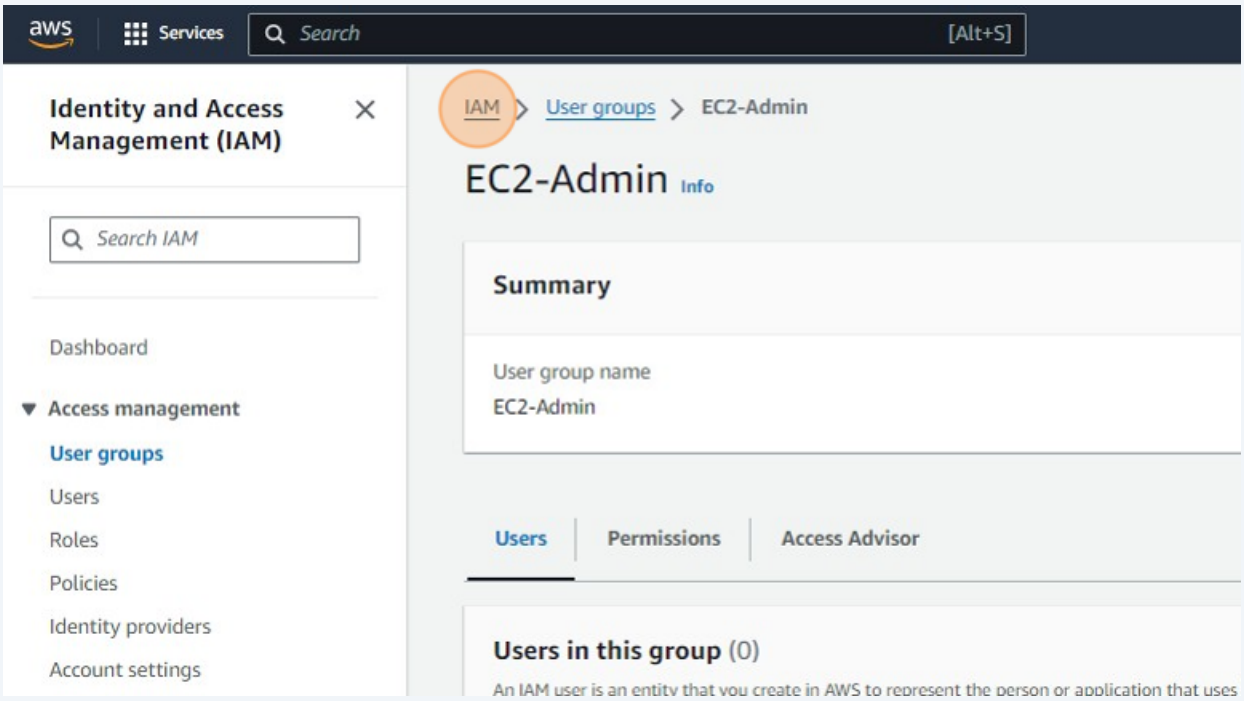
68 Click this checkbox.



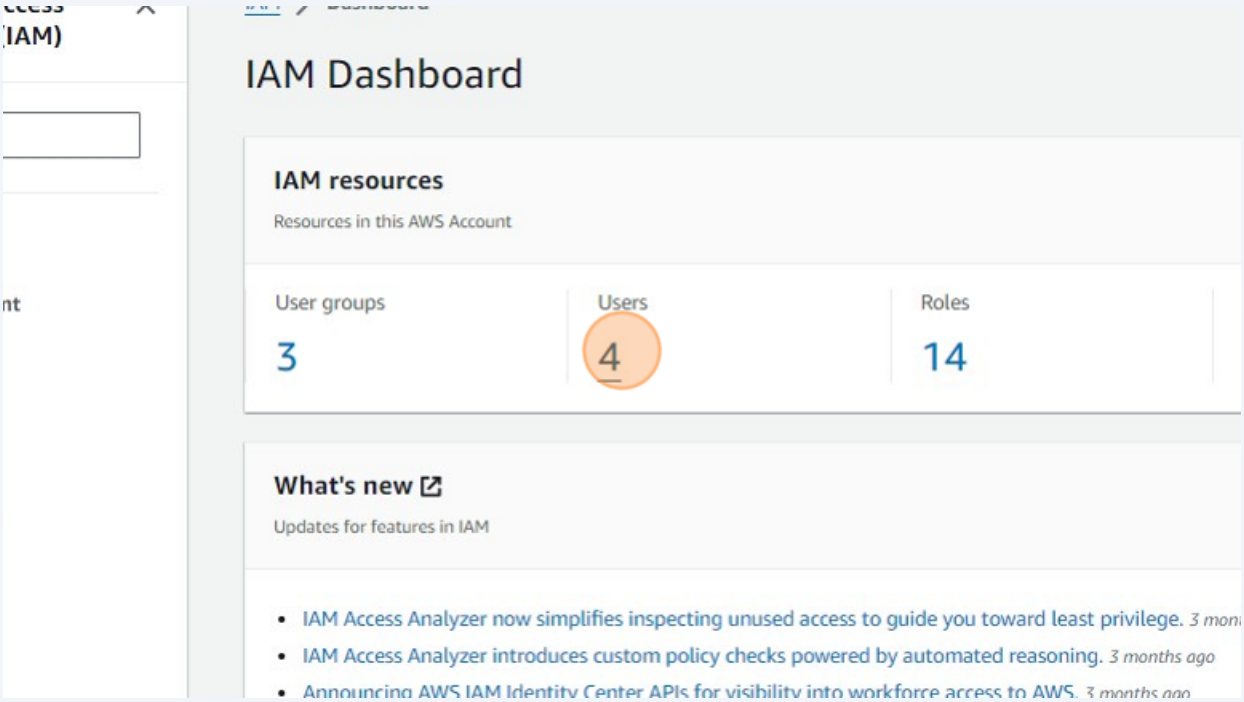
69 Click "EC2-Admin"



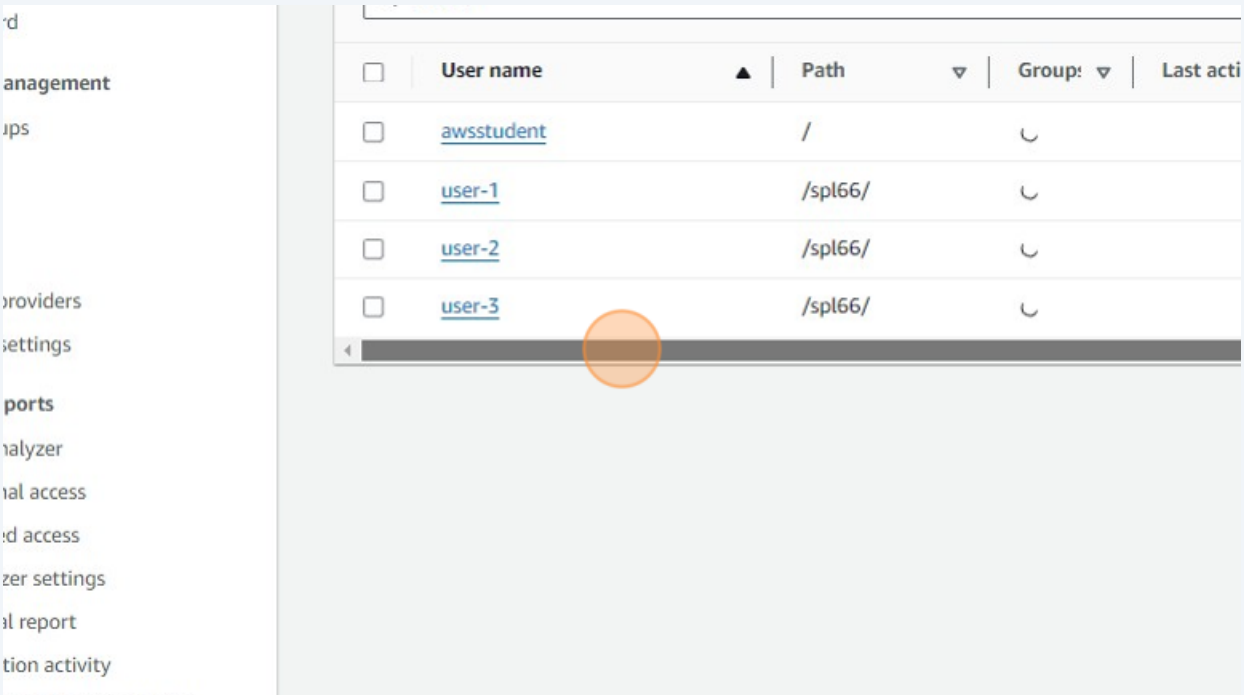
70 Click "IAM"



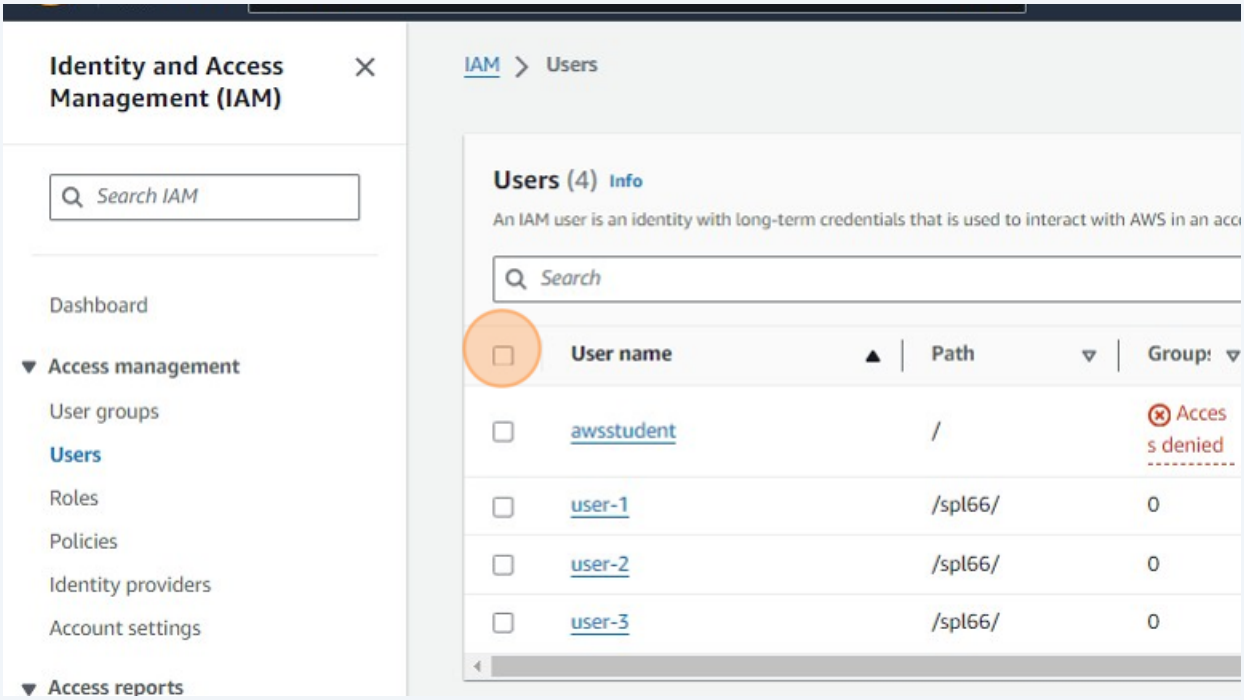
71 Click "4"



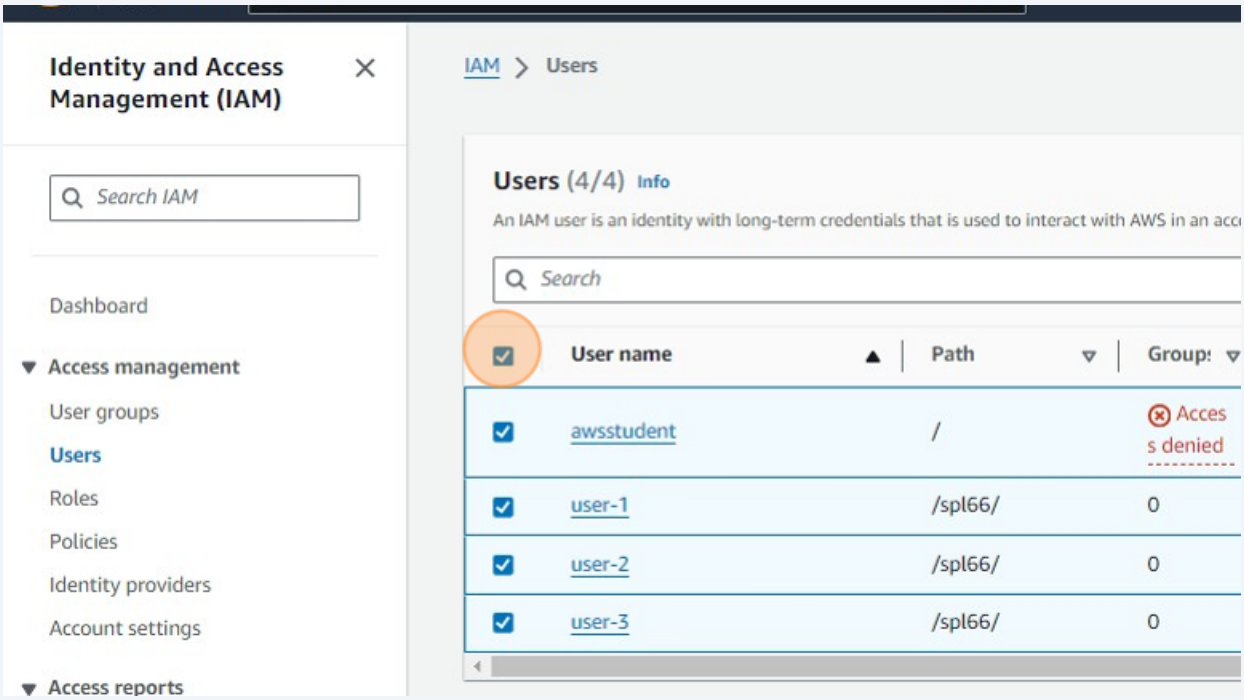
72 Click here.



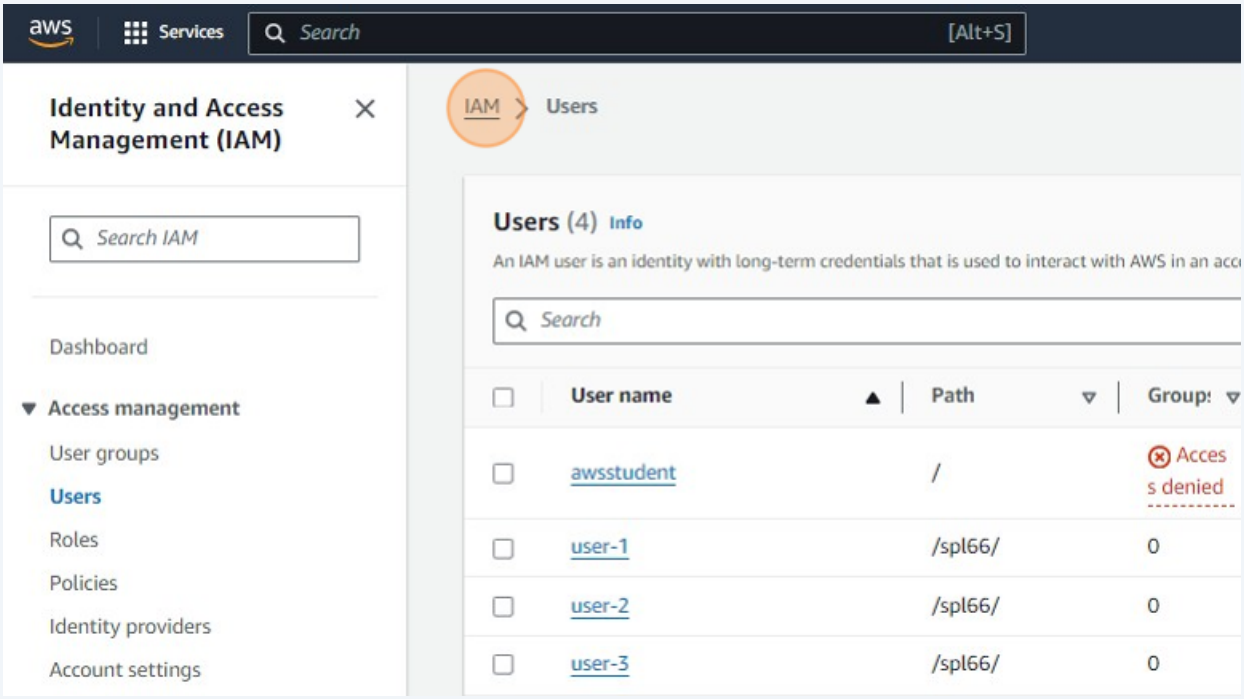
73 Click this checkbox.



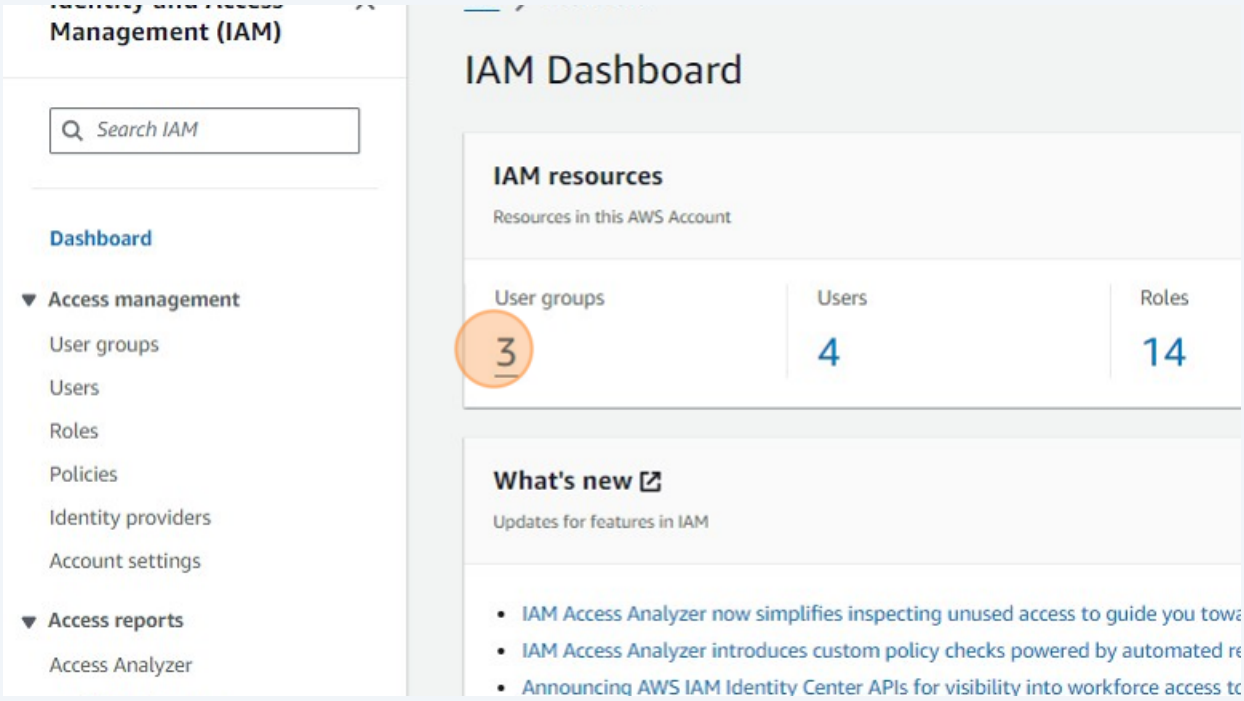
74 Click this checkbox.



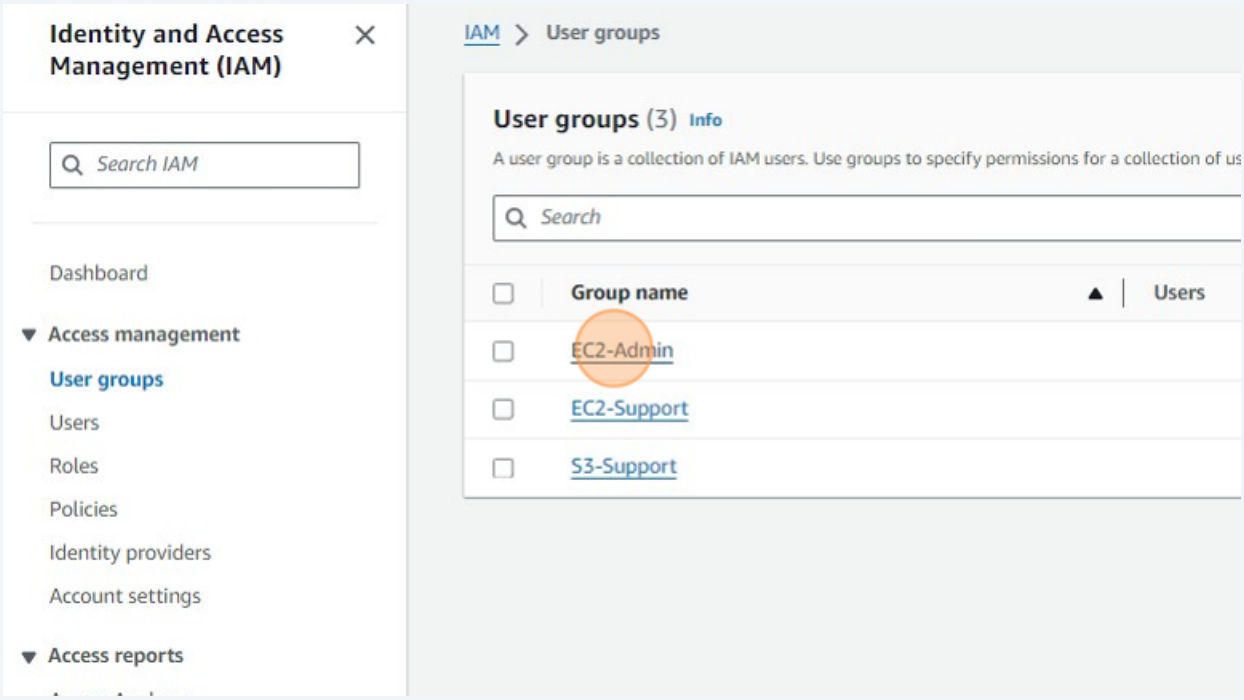
75 Click "IAM"



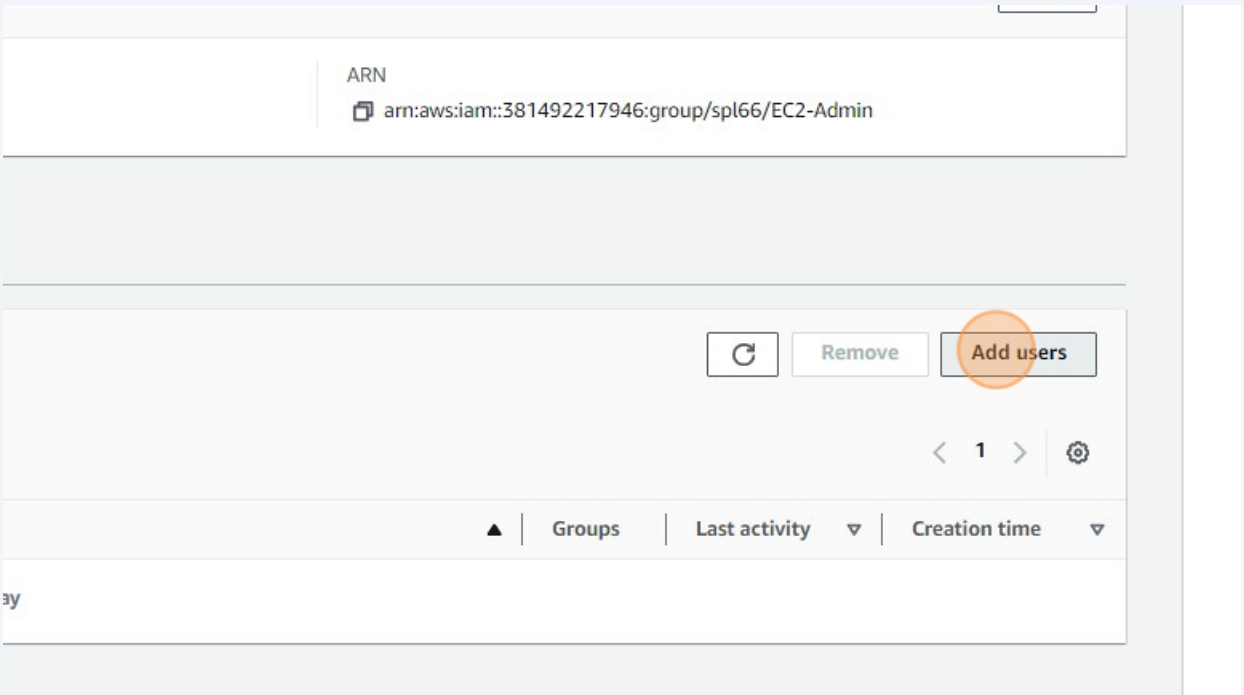
76 Click "3"



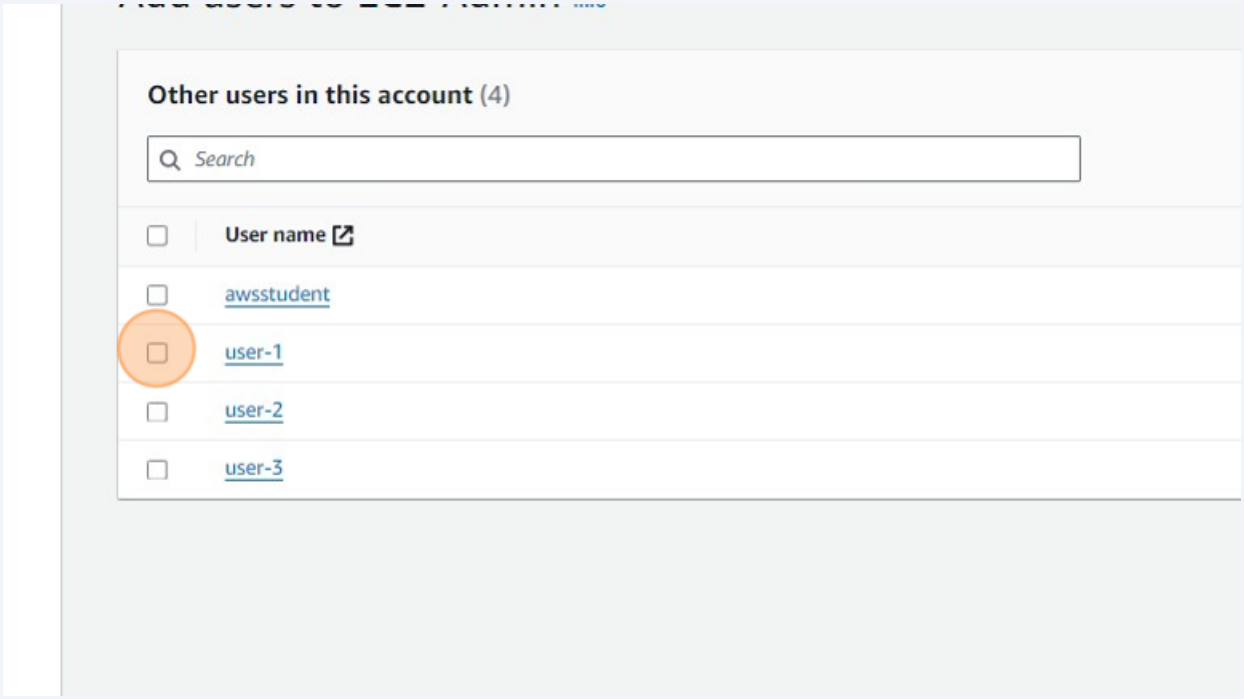
77 Click "EC2-Admin"



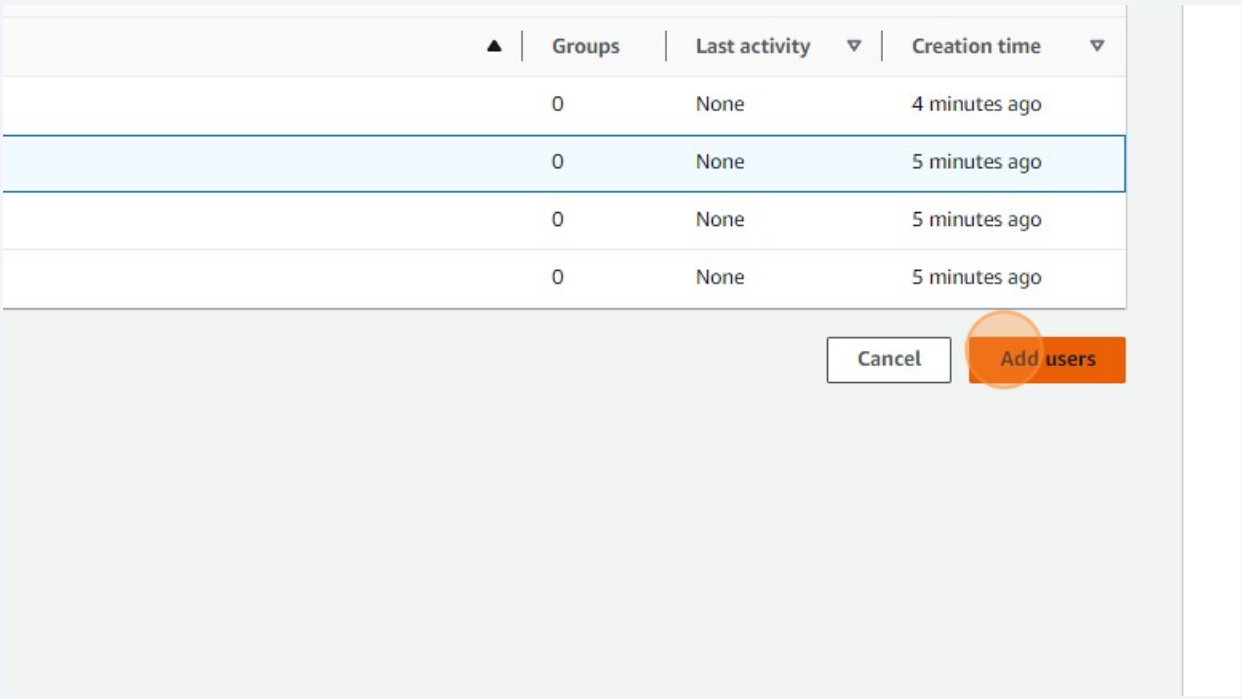
78 Click "Add users"



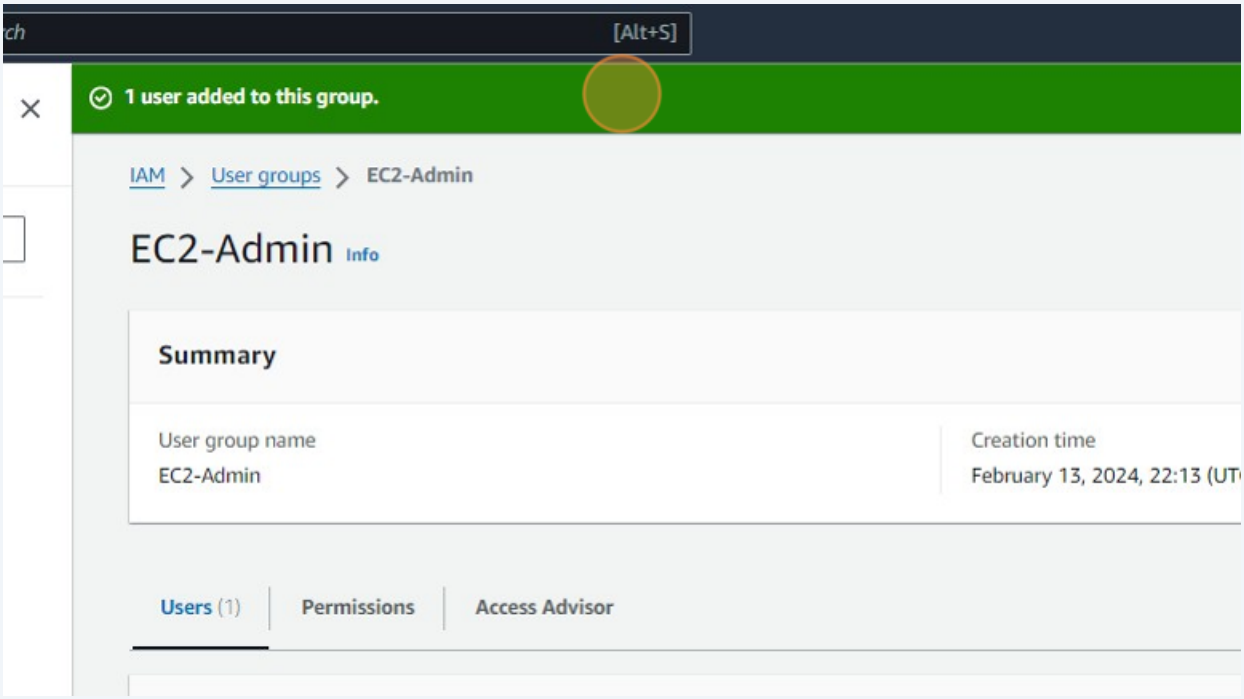
79 Click this checkbox.



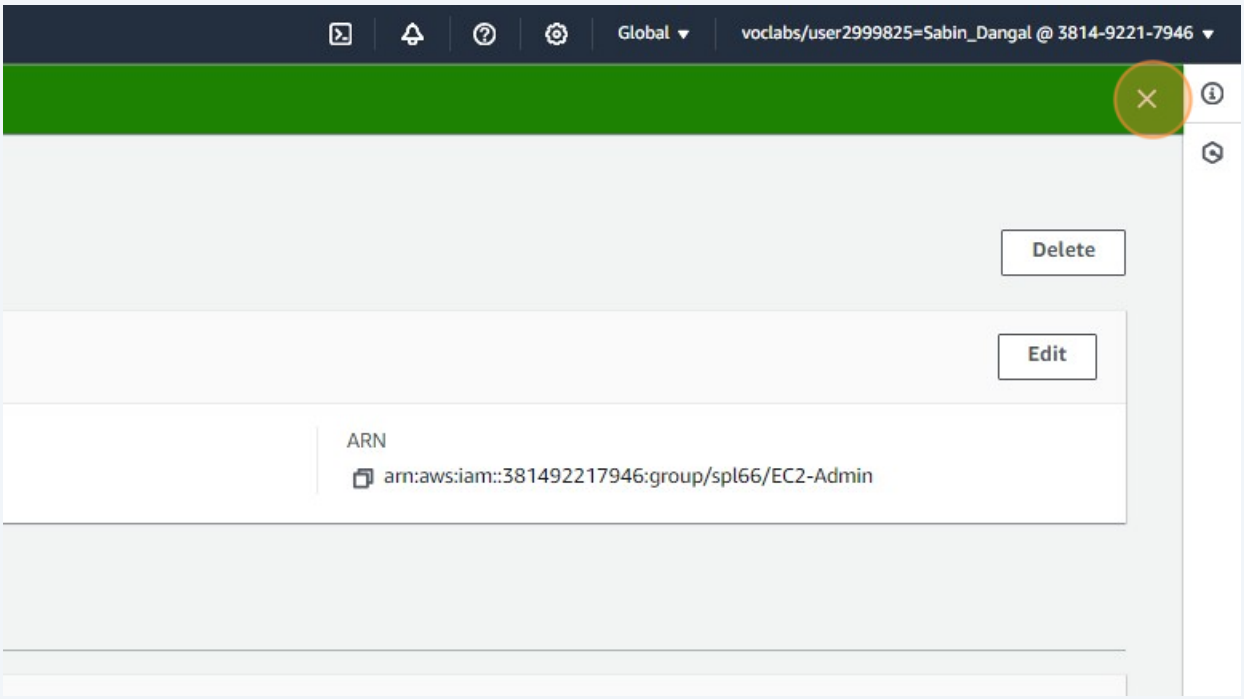
80 Click "Add users"



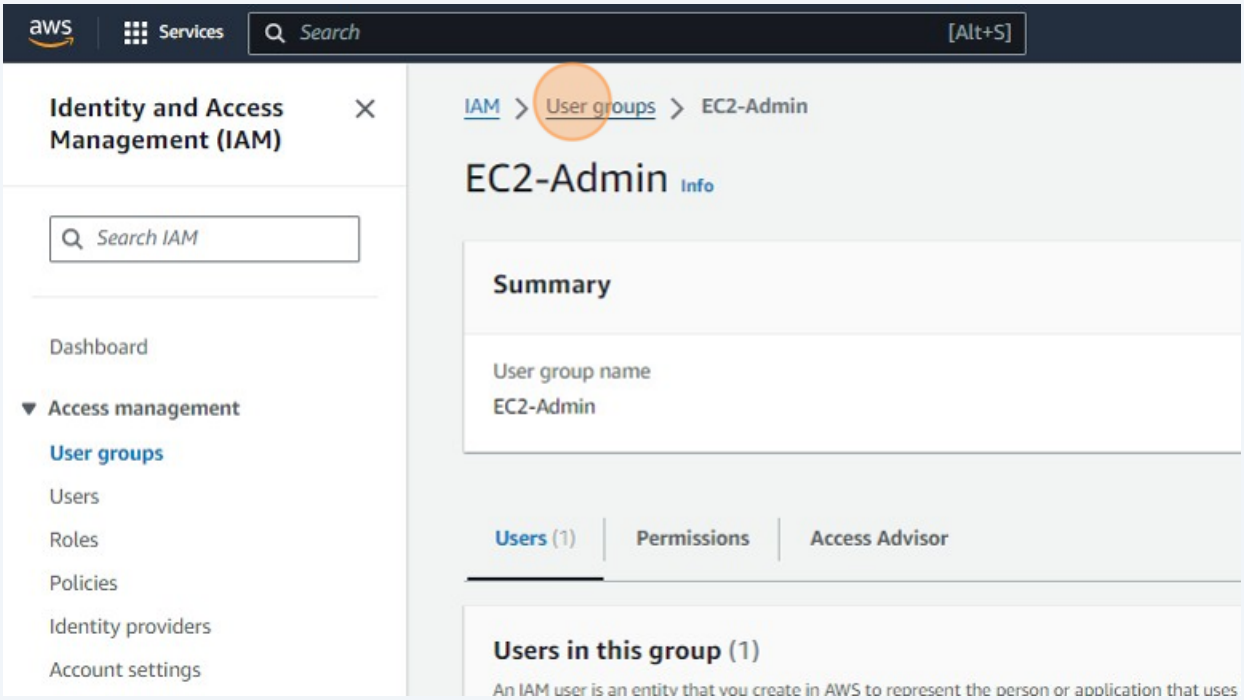
81 Click "1 user added to this group."



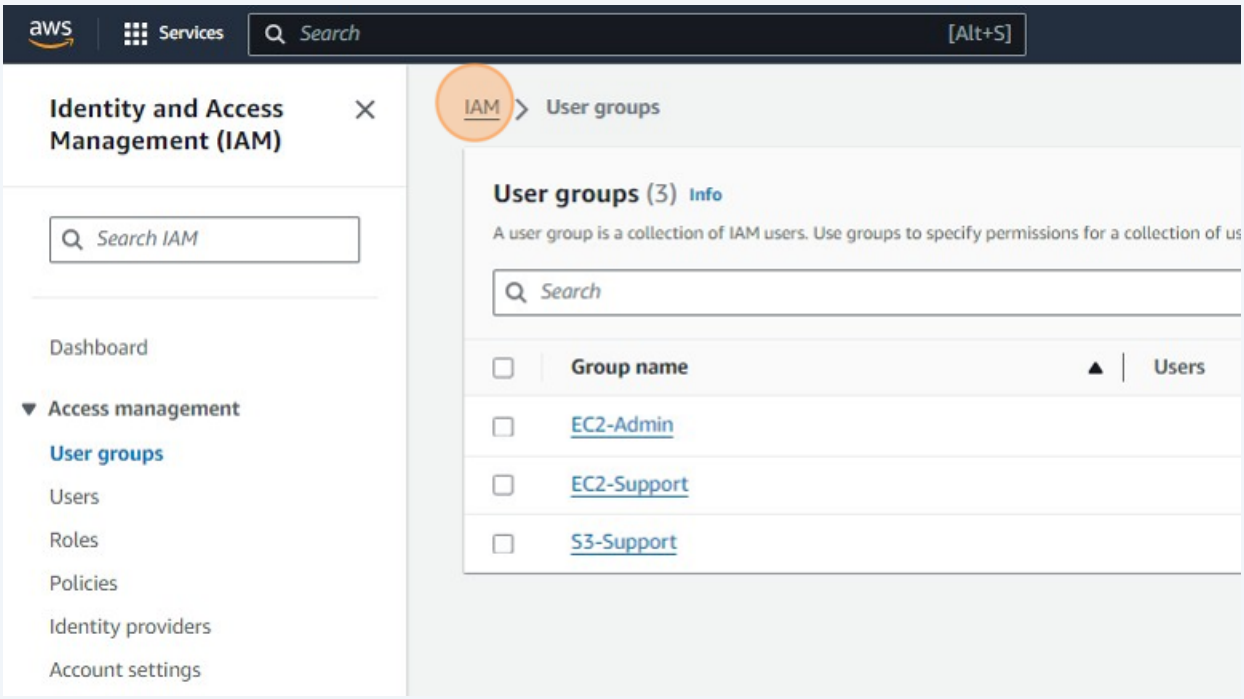
82 Click here.



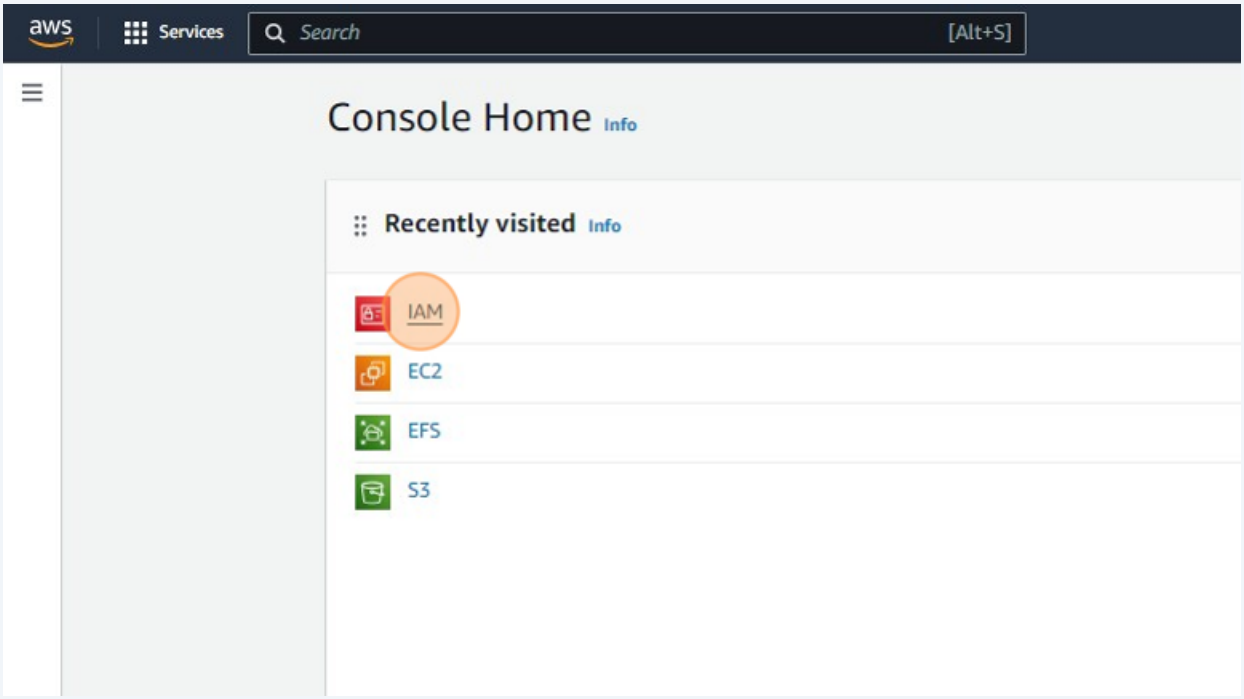
83 Click "User groups"



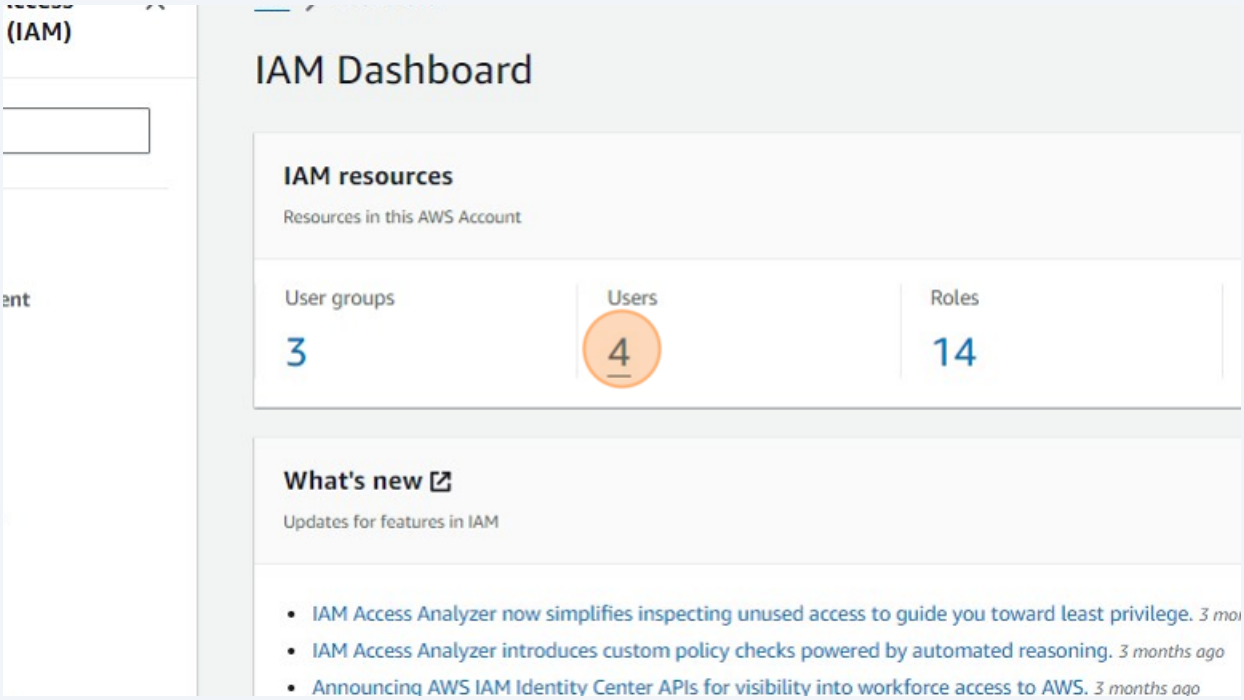
84 Click "IAM"



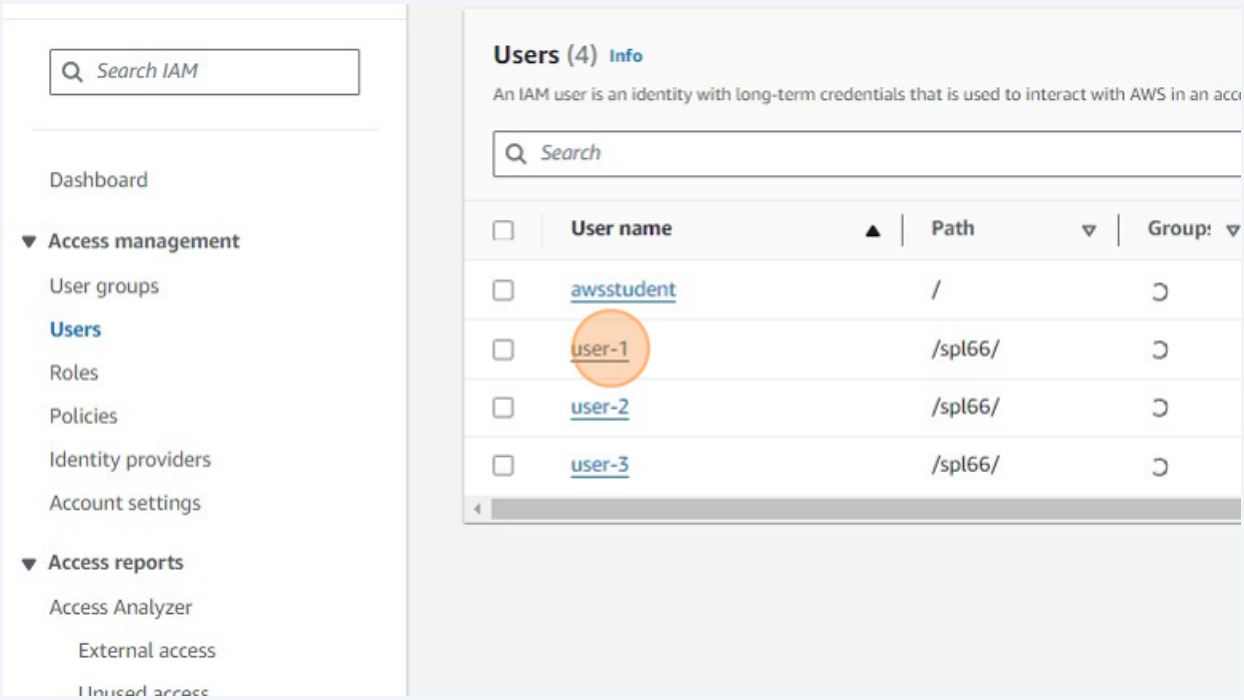
85 Click "IAM"



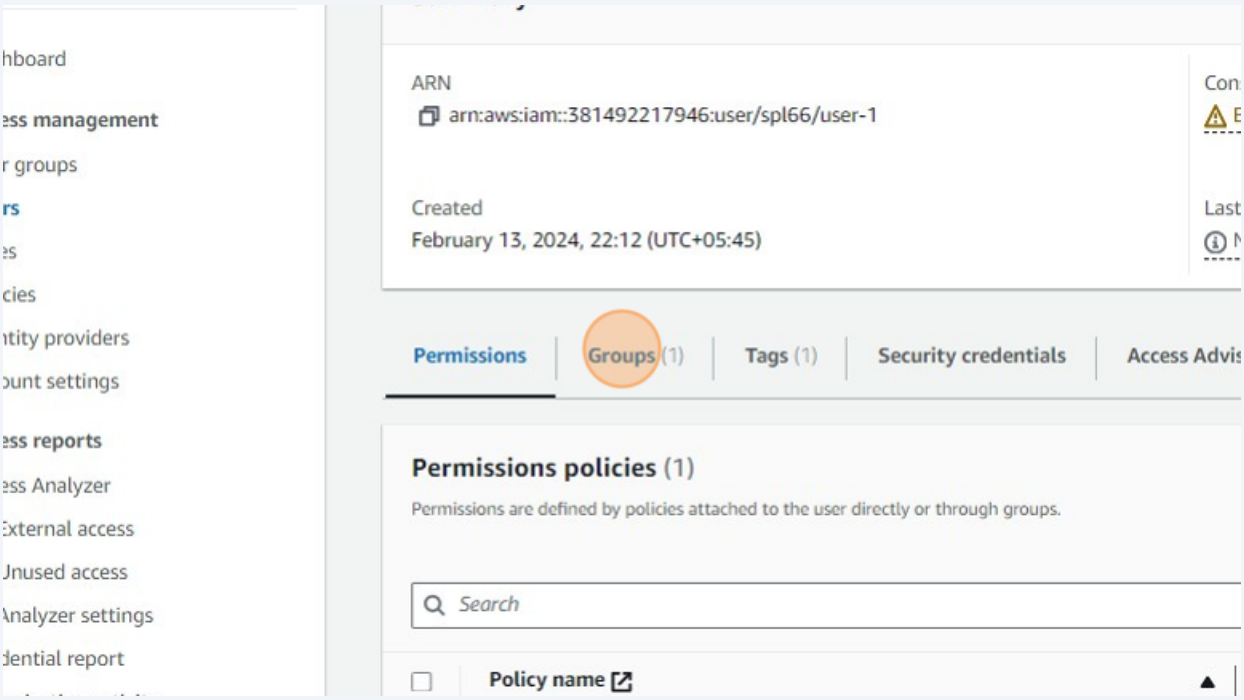
86 Click "4"



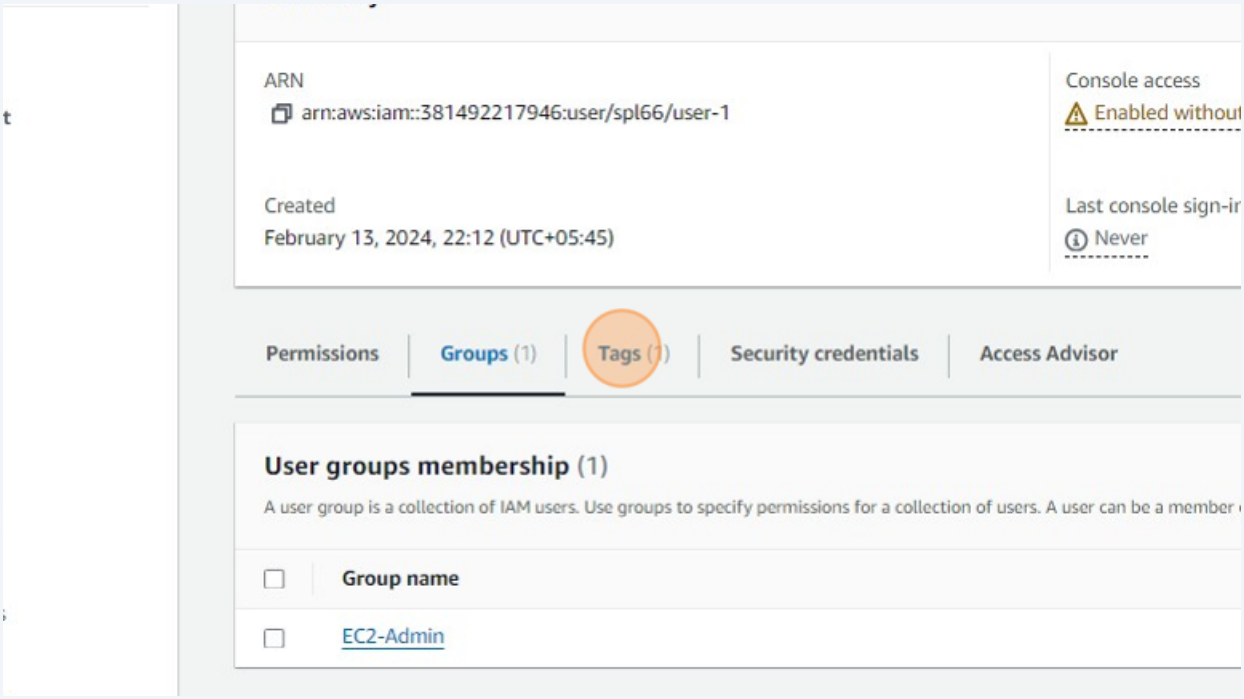
87 Click "user-1"



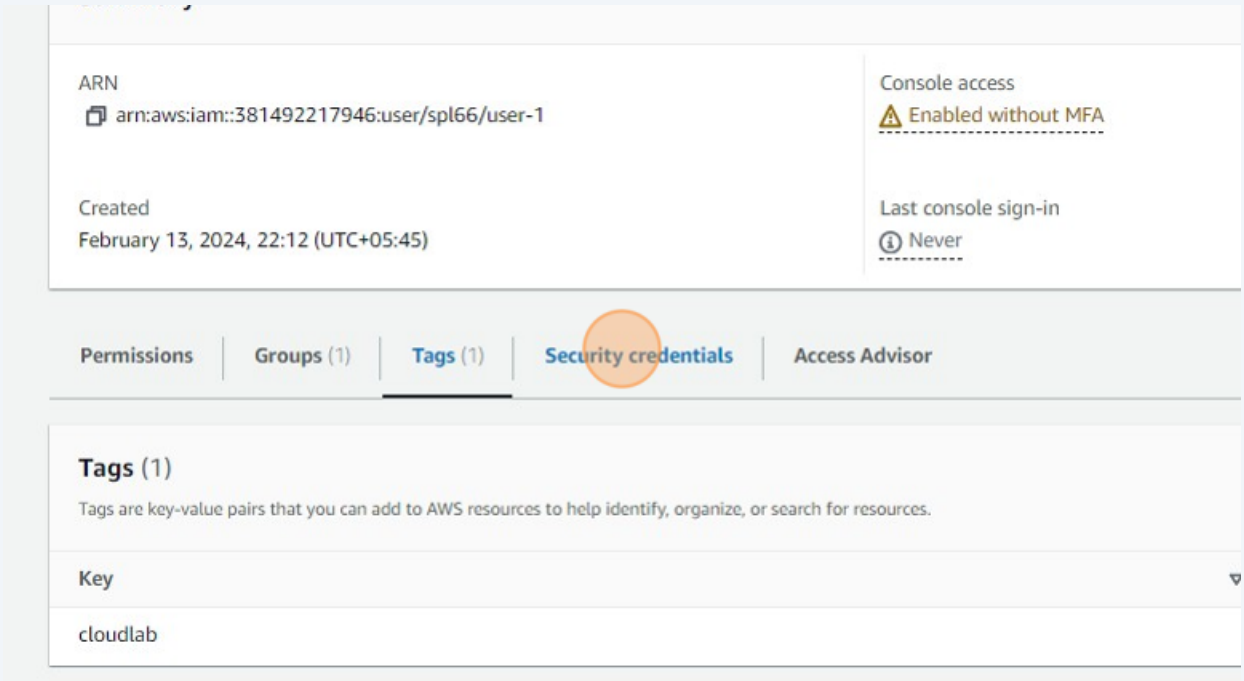
88 Click "Groups (1)"



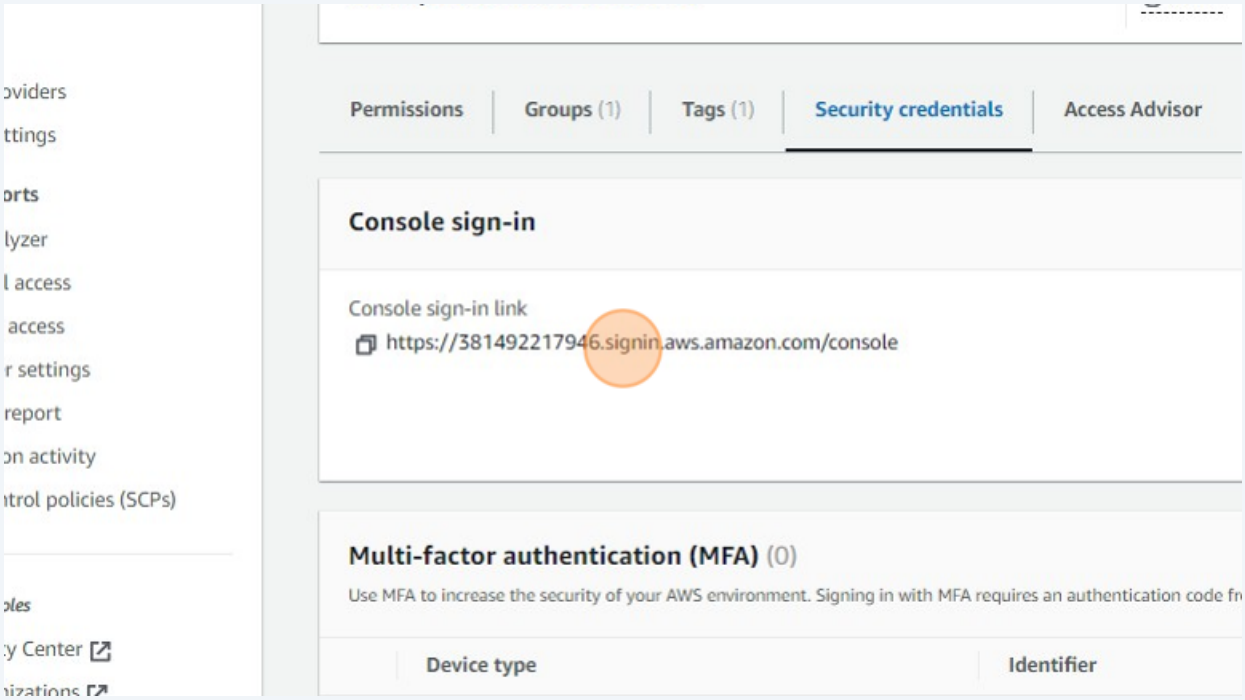
89 Click "Tags (1)"



90 Click "Security credentials"

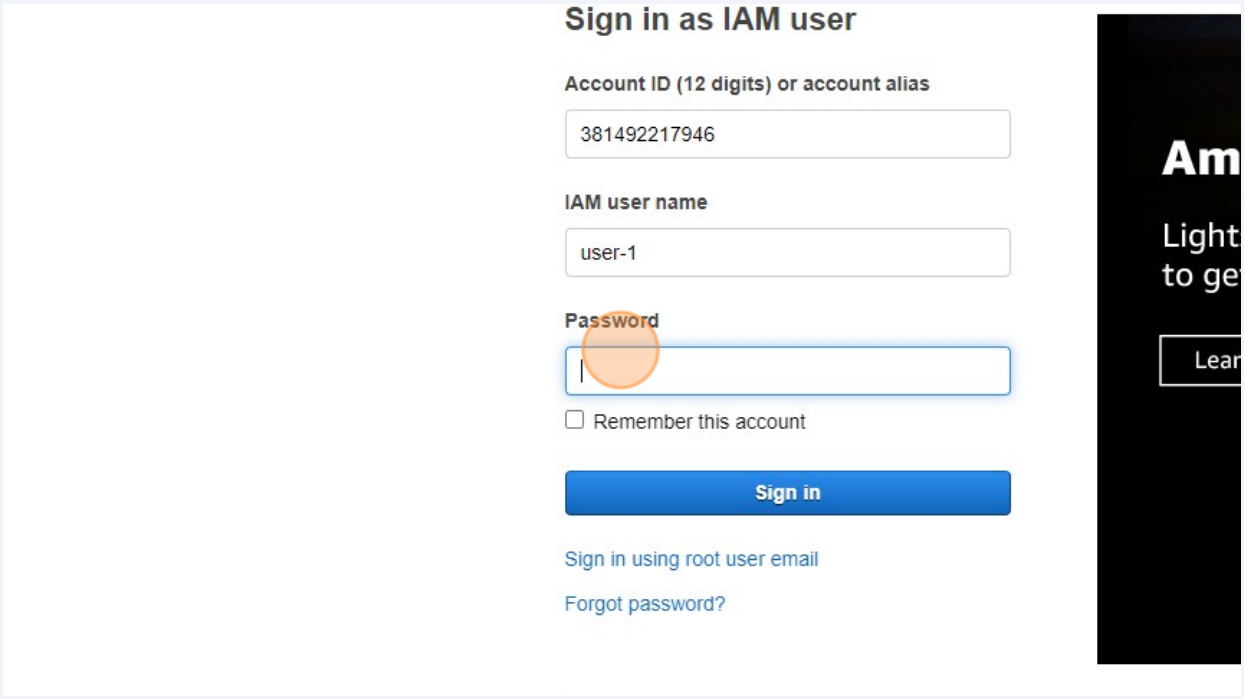


91 Double-click "https://381492217946.signin.aws.amazon.com/console"

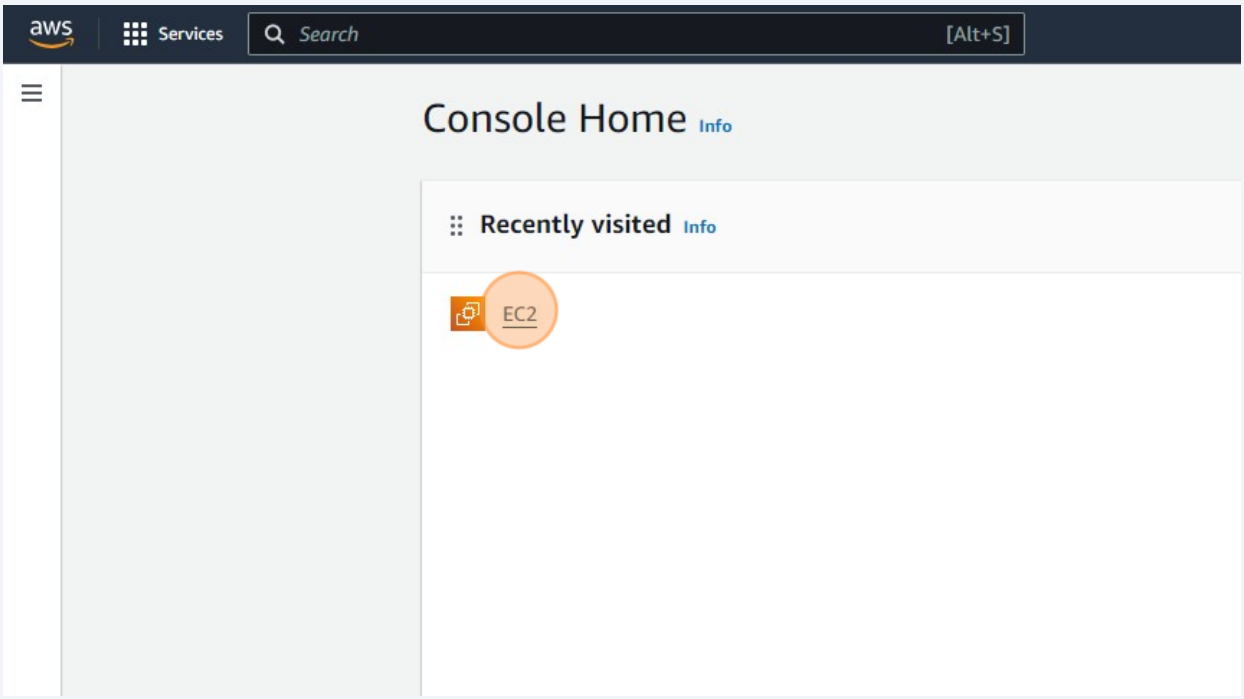


92 Navigate to https://ap-southeast-2.signin.aws.amazon.com/oauth?client_id=arn%3Aaws%3Asignin%3A%3A%3Aconsole%2Fcanvas&code_challenge=20Hlbpqo6a_TwPpf5qaPuE37Ctiz13tuL8mz2zjnGgQ&code_challenge_method=SHA-256&response_type=code&redirect_uri=https%3A%2F%2Fconsole.aws.amazon.com%2Fconsole%2Fhome%3FhashArgs%3D%2523%26isauthcode%3Dtrue%26state%3DhashArgsFromTB_ap-southeast-2_5a40952f95a3eae3&X-Amz-Security-Token=IQoJb3JpZ2luX2VjEKD%2F%2F%2F%2F%2F%2F%2F%2F%2F%2F%2FwEaDmFwLXNvdXRoZWFzdC0yIkcwRQIhAKiOcsQ0bA6aCcPzCT6wztObLwF7B6rixRl6%2BAz8J8srAiB%2B%2BL0eTvnLjYbi4Zxo8pxircPo8hnugfDI%2BqYSBN4RmCqKAgh5EAIaDDQyNjA2MzgxNjU1NCIMVrnzTeuVyeTNaVDSKucBSwroM%2BBAOiylqcsEErYDeObTtrXR8XoLuPOkSqZ6q5OHpqjsxSqzOcOei8bjU93G6uPJY1c0LtJibQYkgBcihIcTcX0M0t%2FVkDYqiSUtCGaohuujCnWklzUxK3BE2lTDglVqCeVHQ36FoZVICPbox8bHKKTu9irSG2q2b9ALyDEaBvbOUvgzQSW%2FwfsKnHbJ4YUpFb7IOPs0FnEK7EN6Buau3%2FJE%2BtCjBzNzSAbnC22cXAMfTmFih31nXLpf3DaiF9N%2F2aCaWsoMb6B4yxrAaoXmPEx0IEIpMgp%2BQHfaHkK1M405mWIpMNKtrq4GOo8Bj6Hm4U7OF7%2BWn2brcvFSUc15WejOJSfvCQRPhERm60D9jr%2BvuDYWthzTflTQRtVBasd6GOptqLUOiEM%2FzpDsTqaXIxU6p%2F7gfSCZbUbFaA4RDdZeF3wpb1fk91QGxJKWeoi%2BI78gk7qAE%2BB6oSIM6gBNJ7qyBawCKw%2FWqJeo6%2BNINU61hA%2Bi8pbj14YsmmI%3D&X-Amz-Date=20240213T163714Z&X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=ASIAWGM3B45VAWRBQ6ME%2F20240213%2Fap-southeast-2%2Fsignin%2Faws4_request&X-Amz-SignedHeaders=host&X-Amz-Signature=07223e71f4ea4efa3c290451ad296de450e43b008948940aff1b48ab2fdc6982

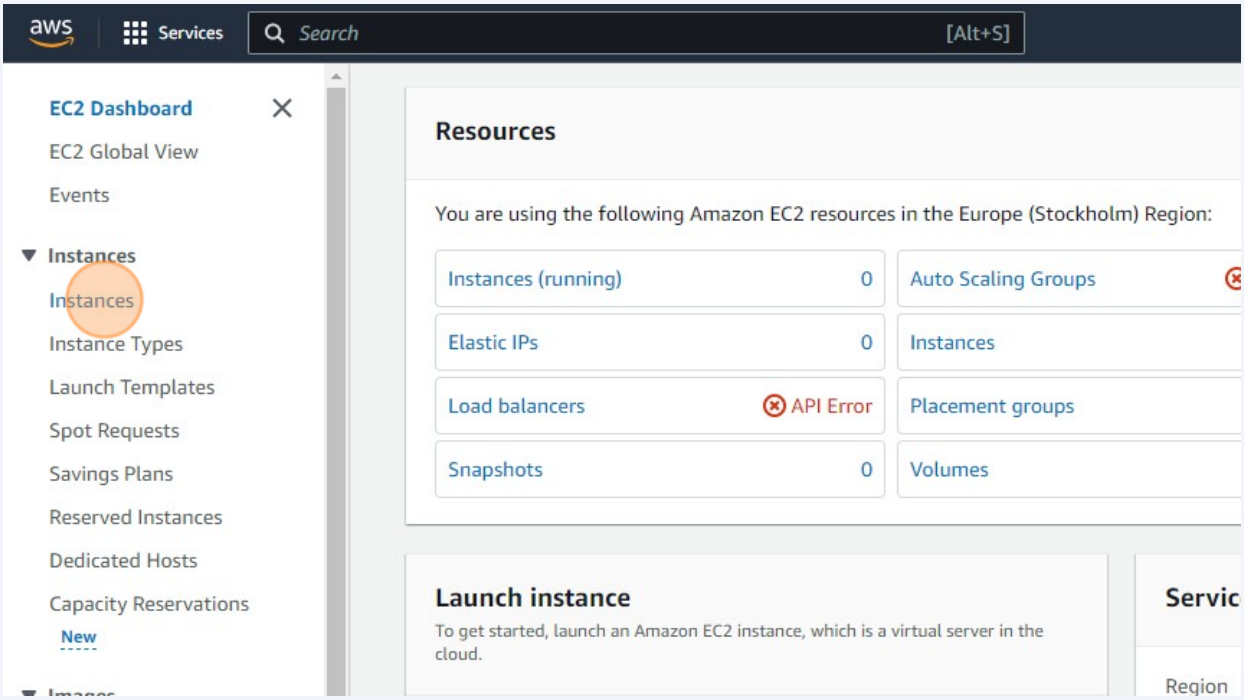
93 Click the "Password" field.



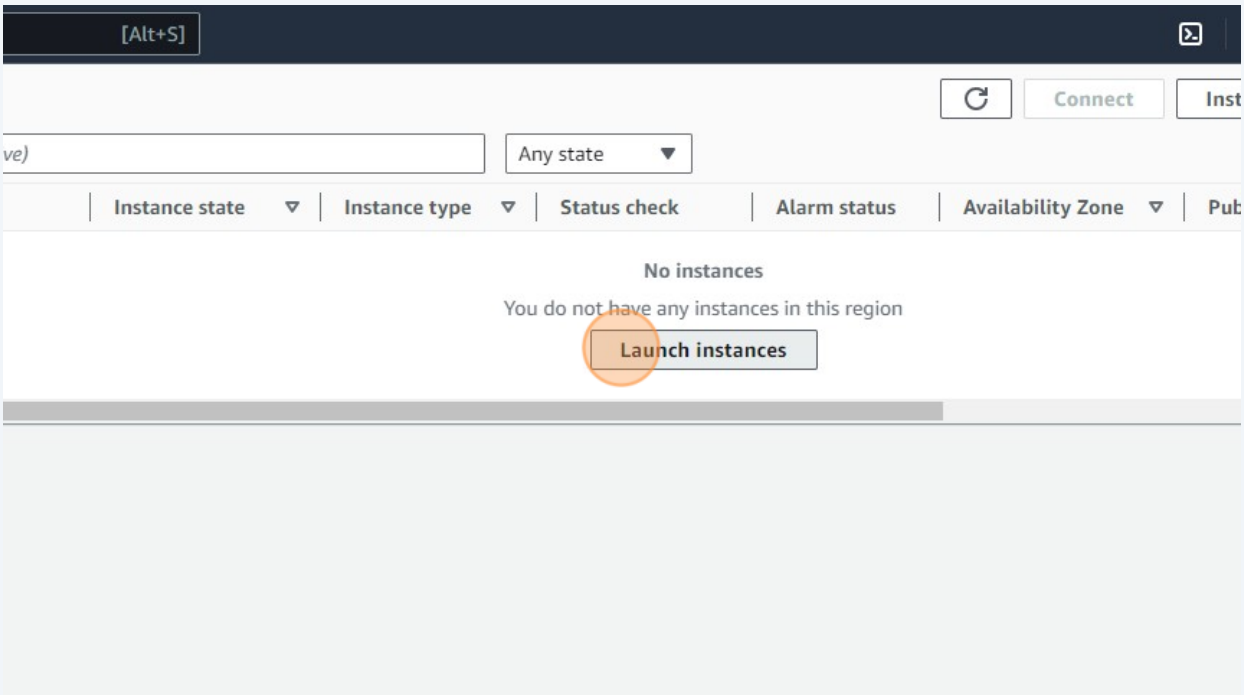
94 Click "EC2"



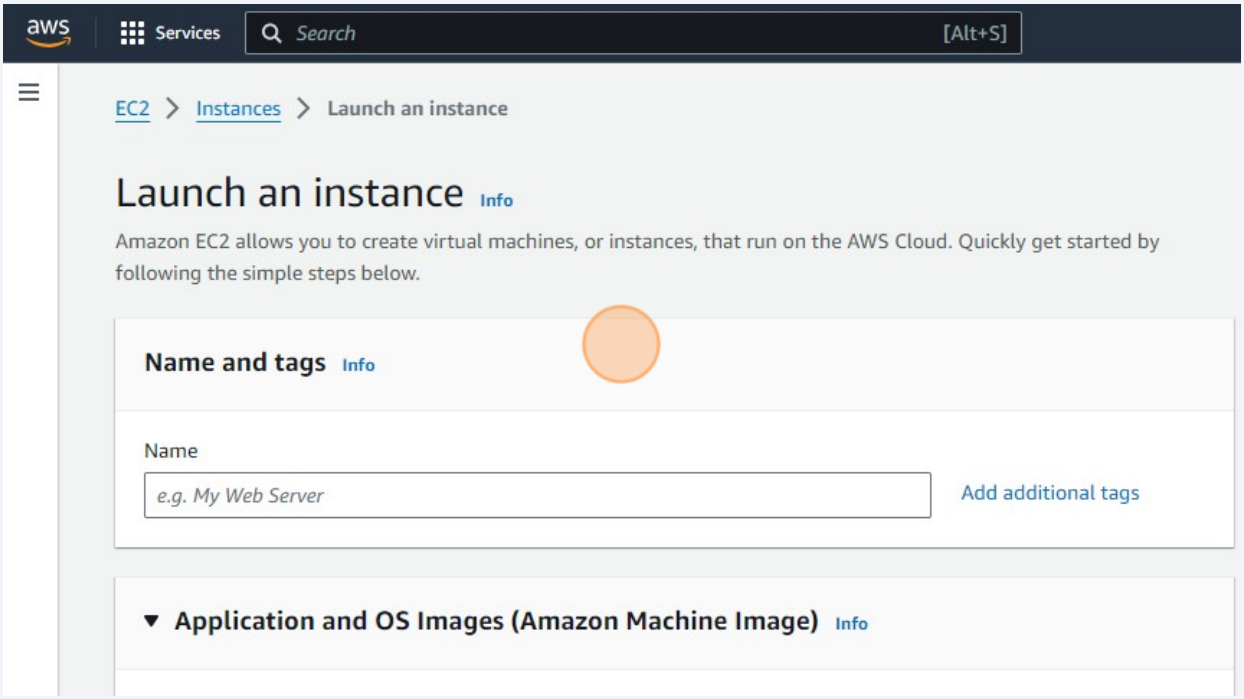
95 Click "Instances"



96 Click "Launch instances"



97 Click here.

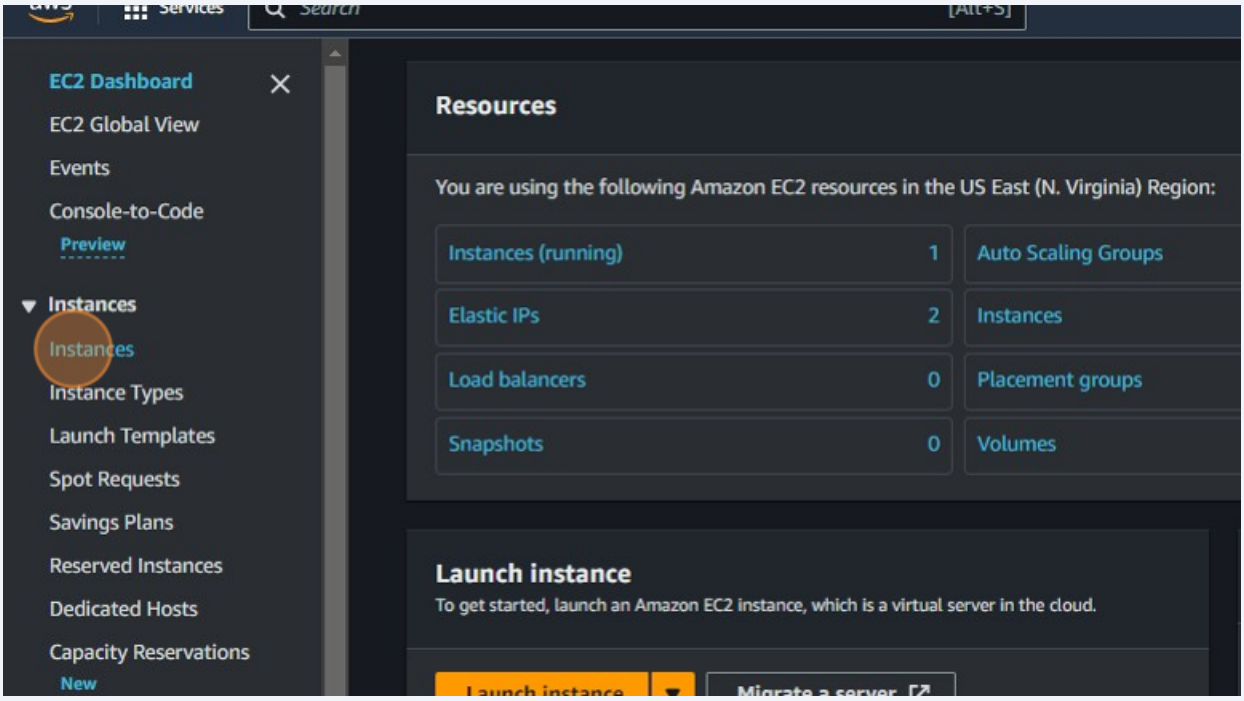


EC2 Basics Lab

98 Navigate to https://us-east-1.console.aws.amazon.com/console/home?region=us-east-1#

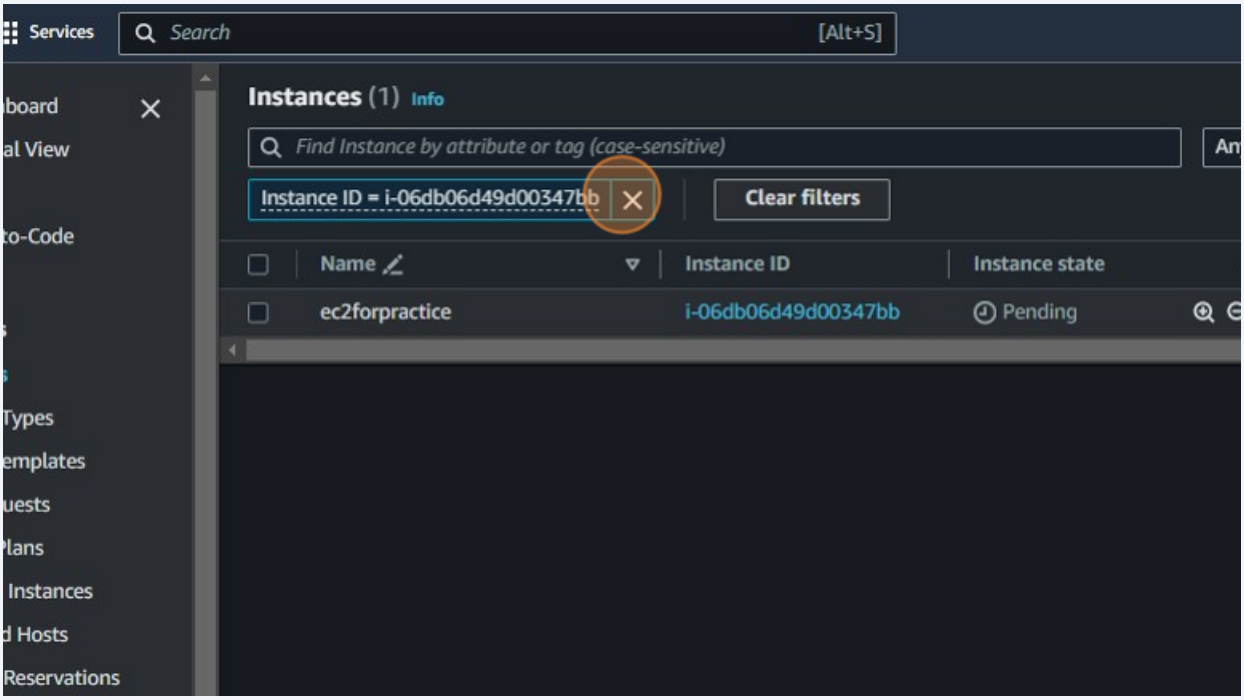
99 Click "EC2"

100 Click "Instances"

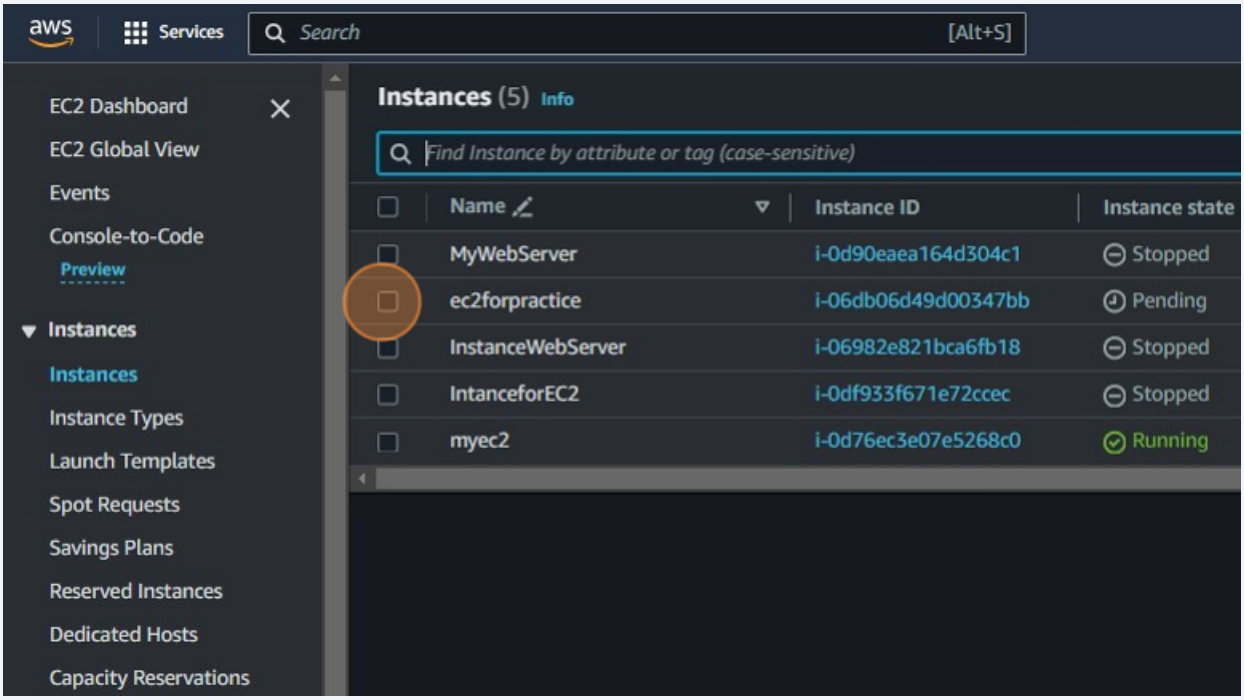


101 Press **ctrl** + **v**

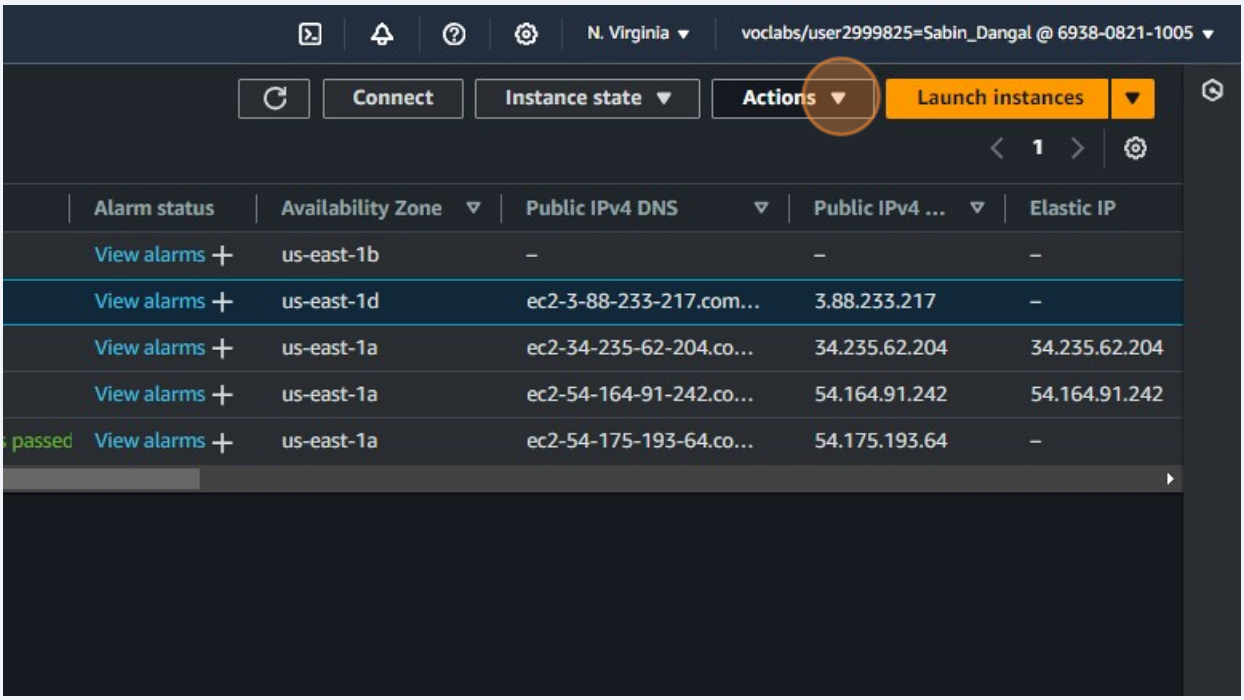
102 Click here.



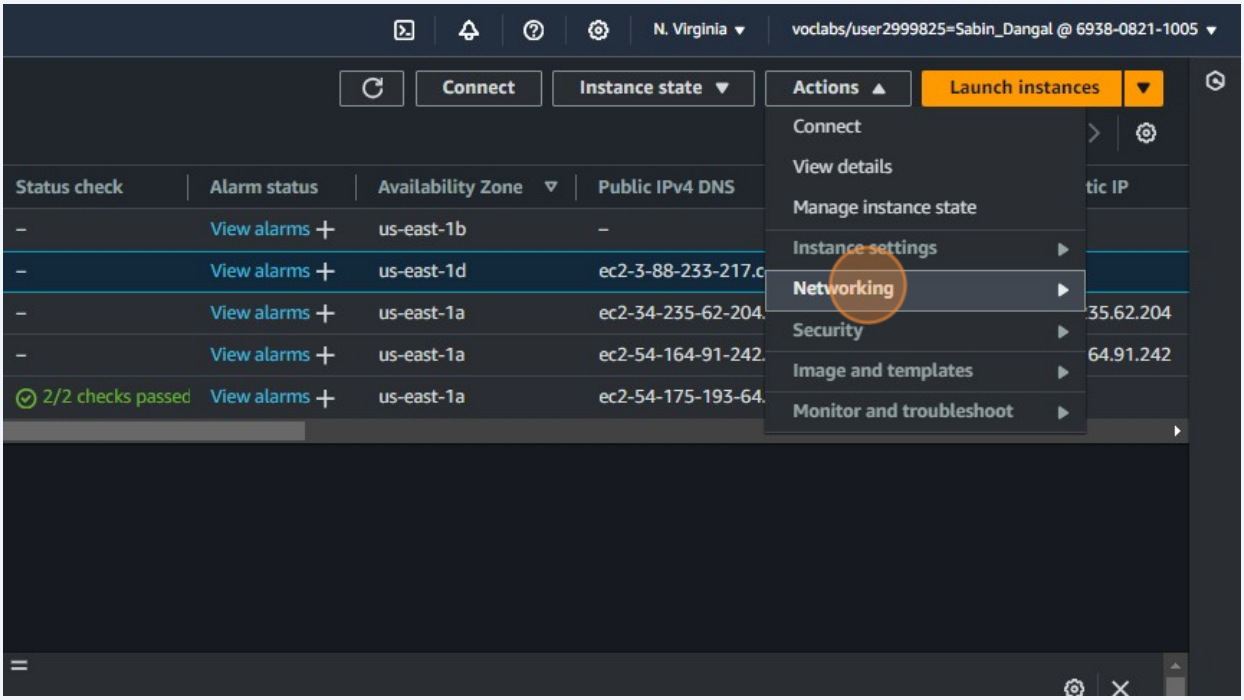
103 Click this checkbox.



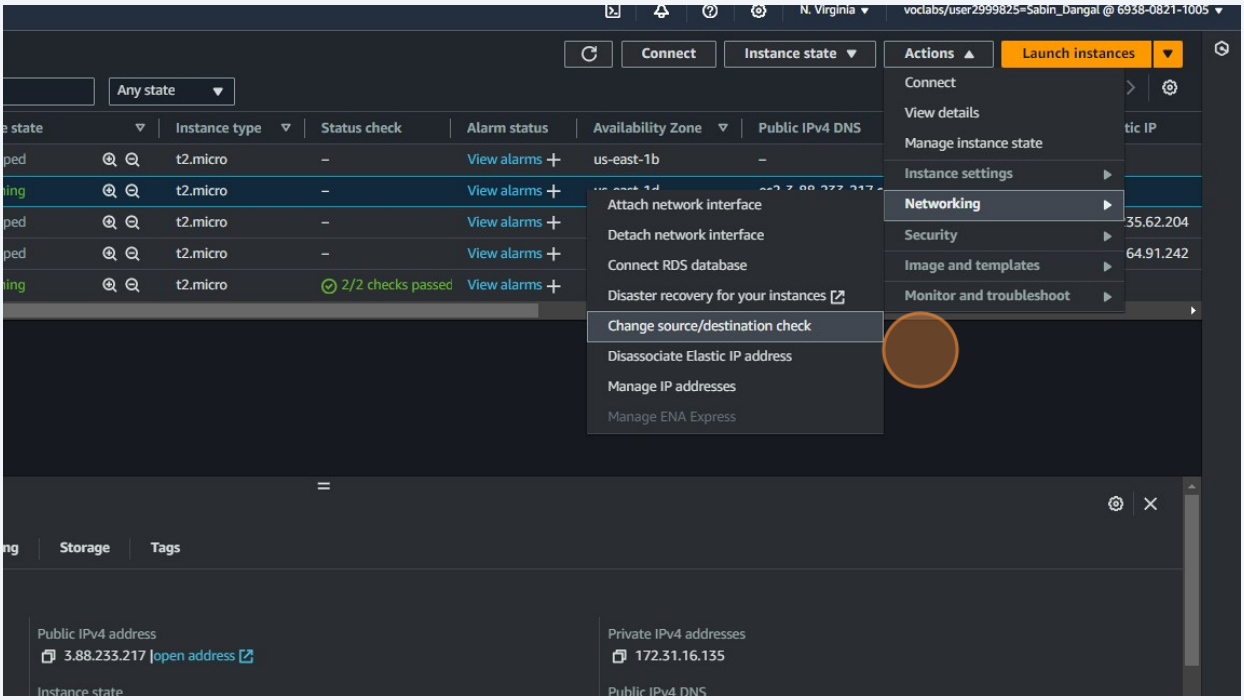
104 Click here.



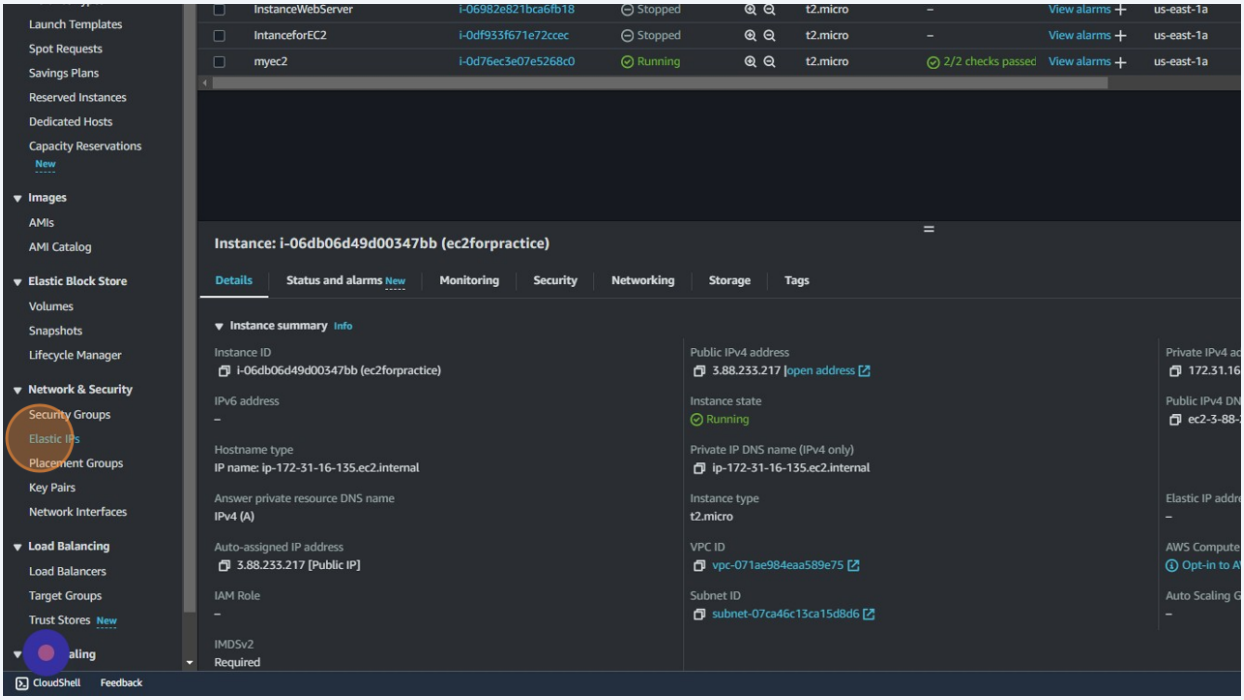
105 Click "Networking"



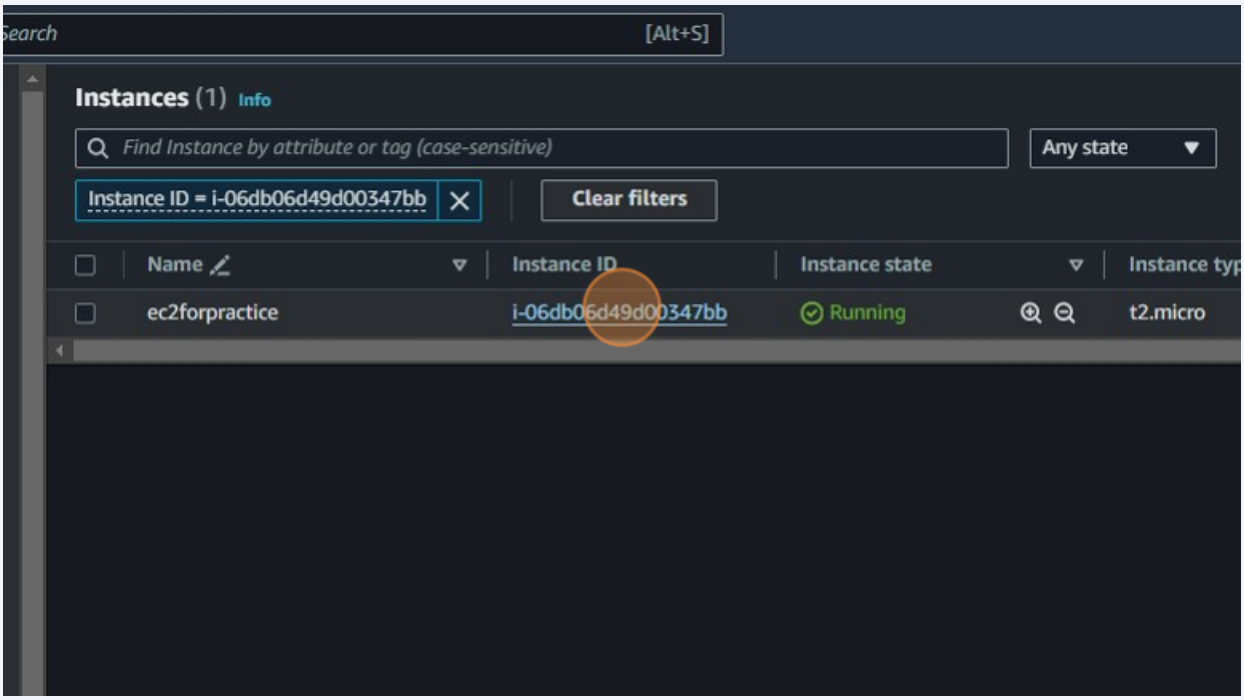
106 Click here.



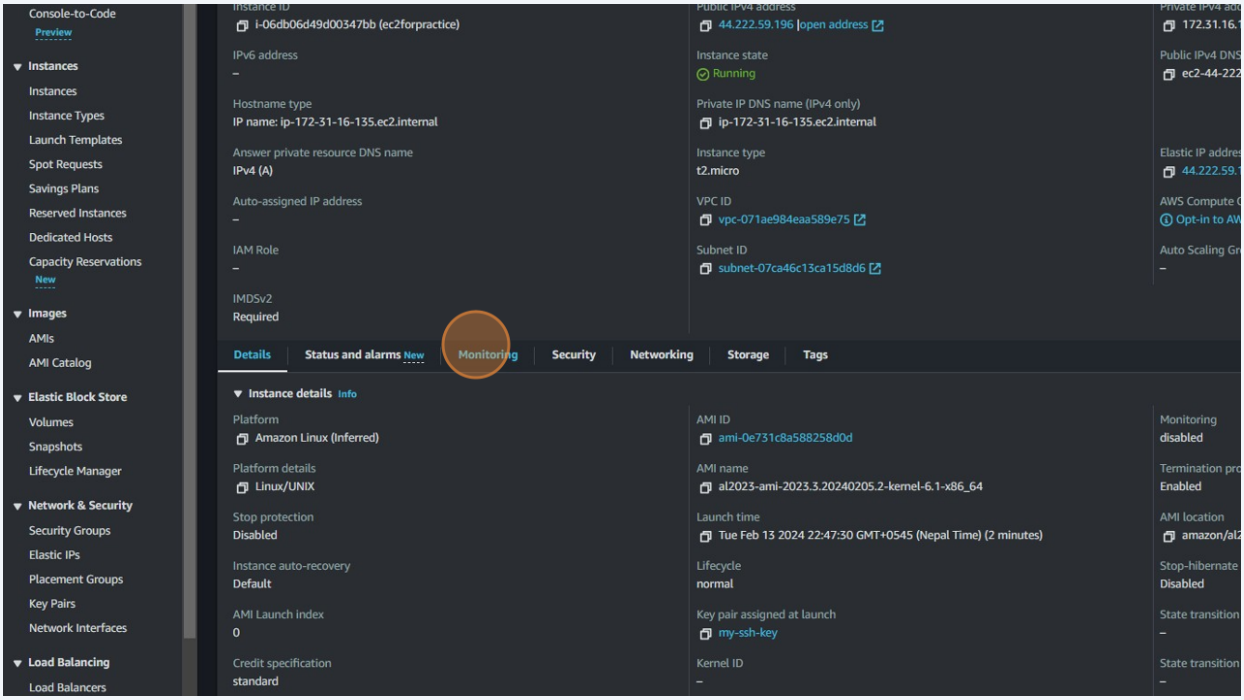
107 Click "Elastic IPs"



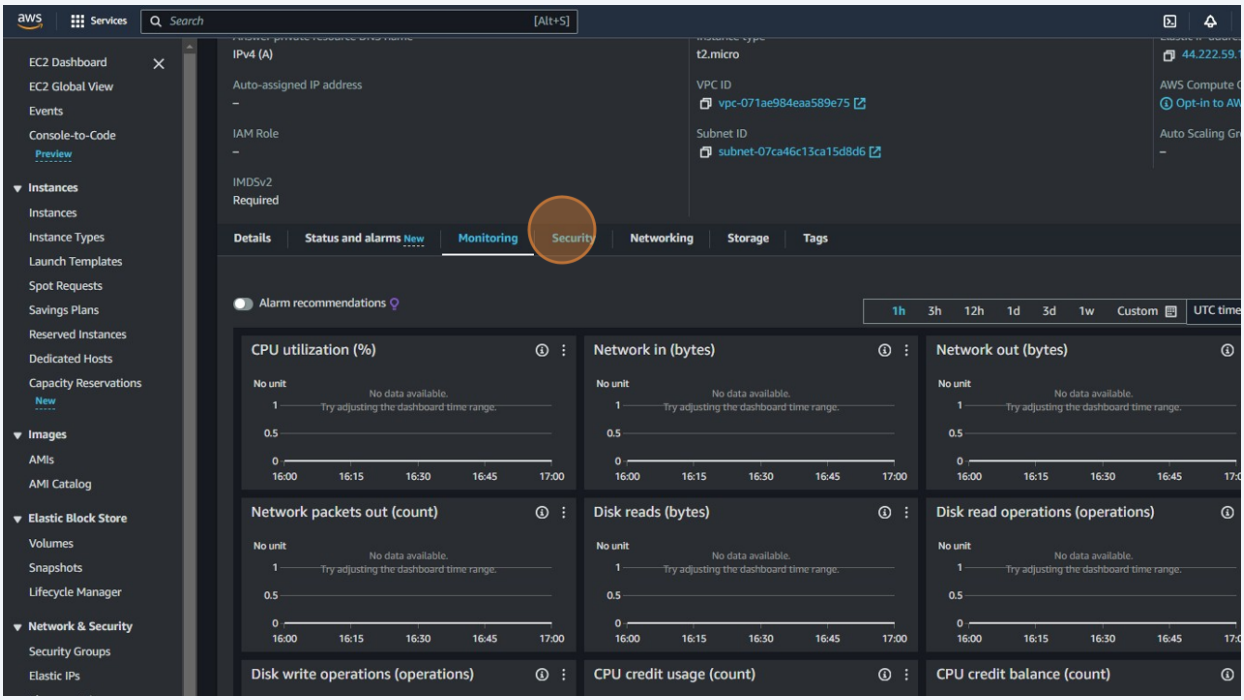
108 Click "i-06db06d49d00347bb"



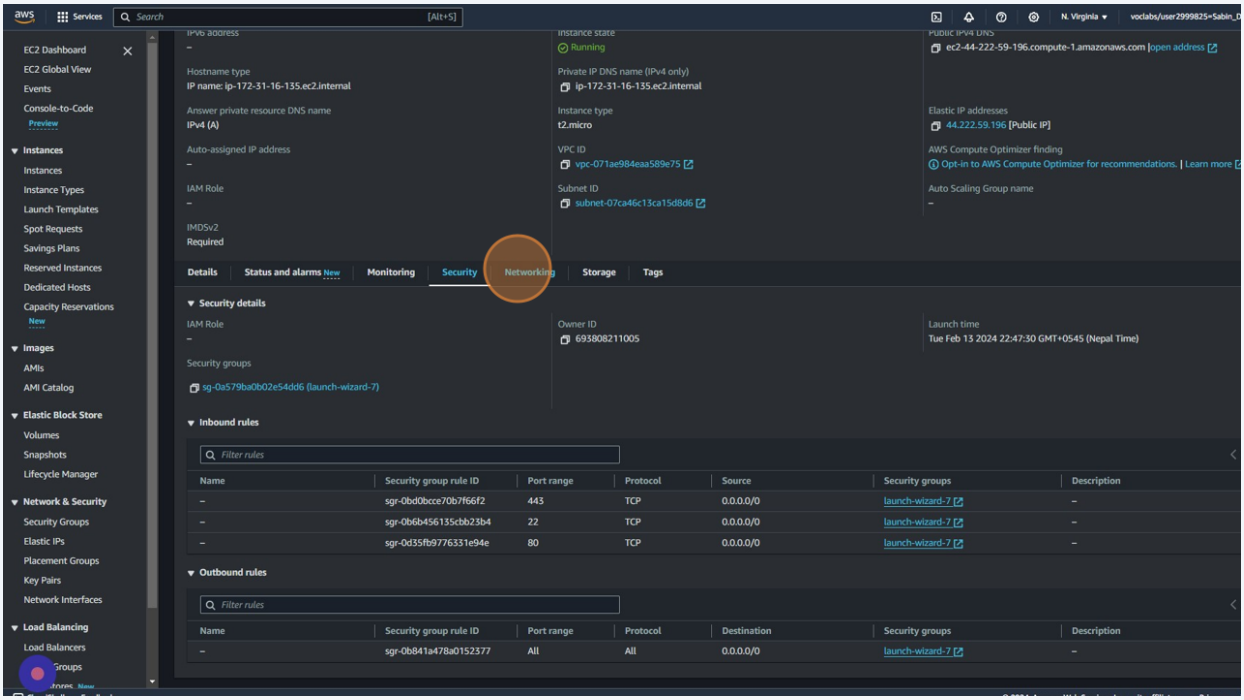
109 Click "Monitoring"



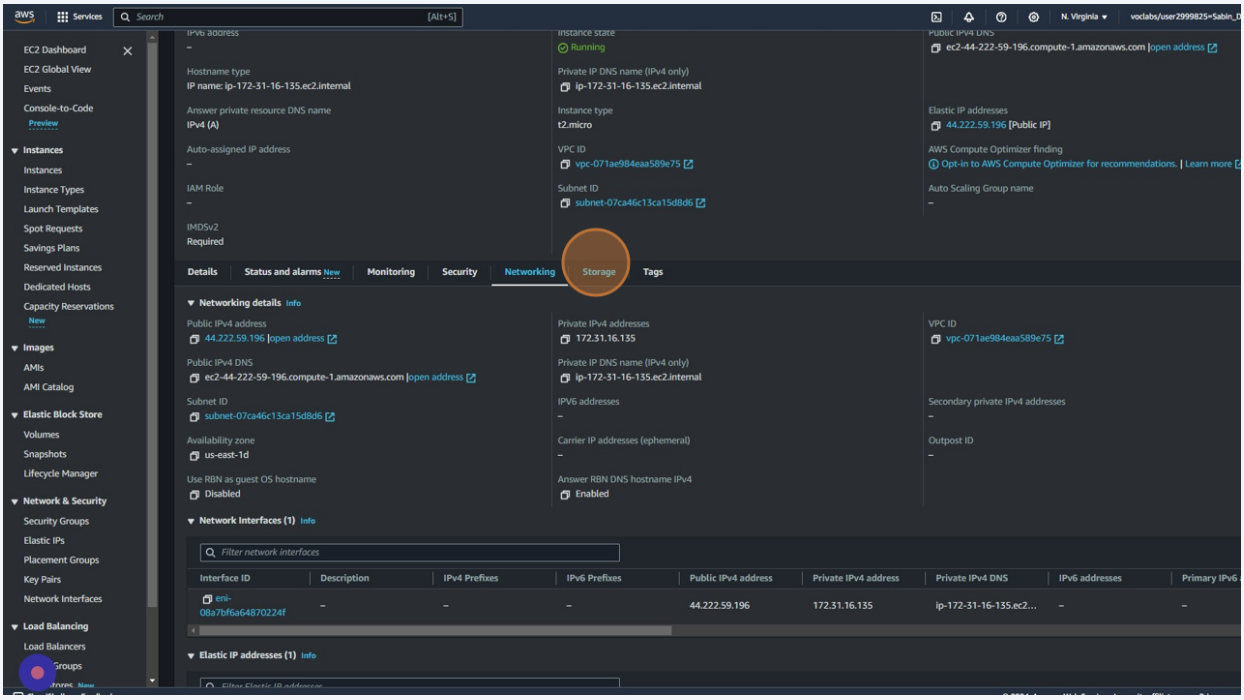
110 Click "Security"



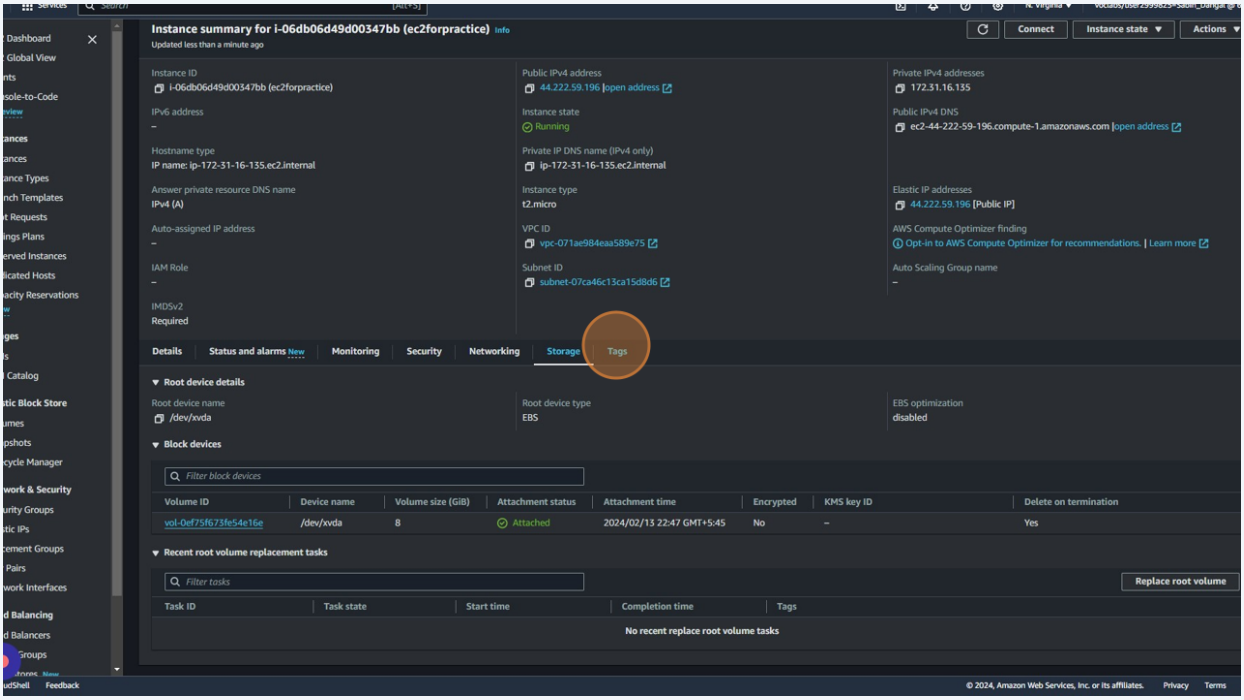
111 Click "Networking"



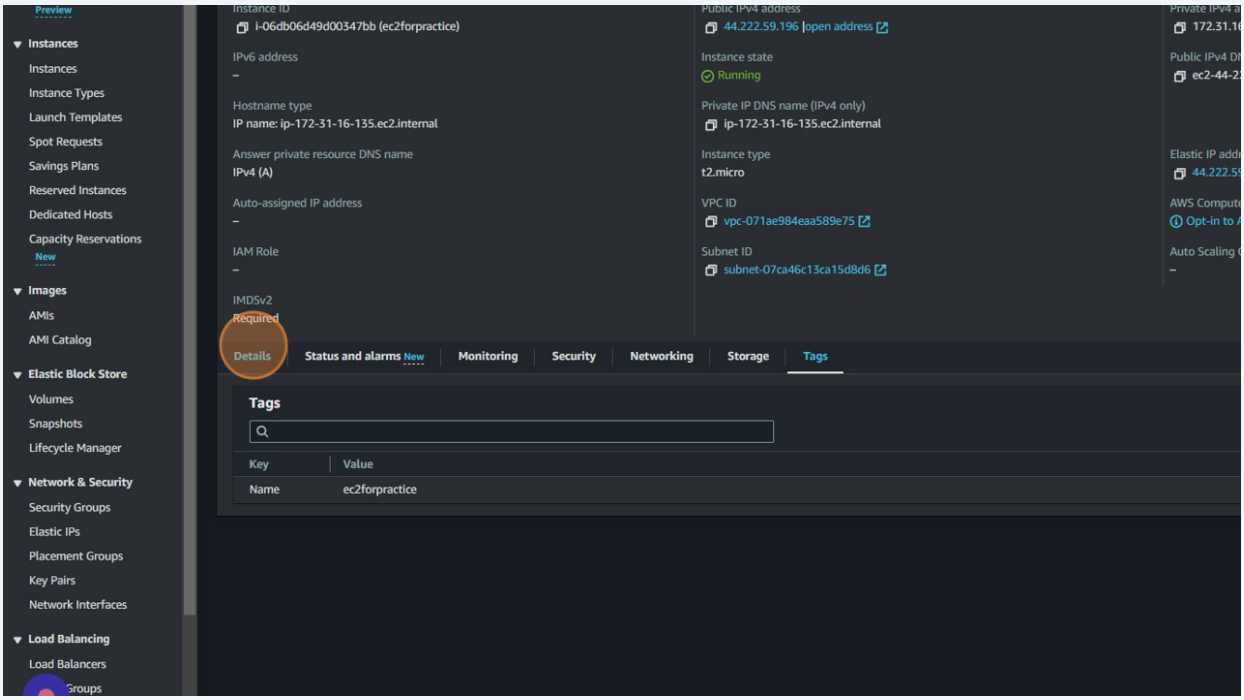
112 Click "Storage"



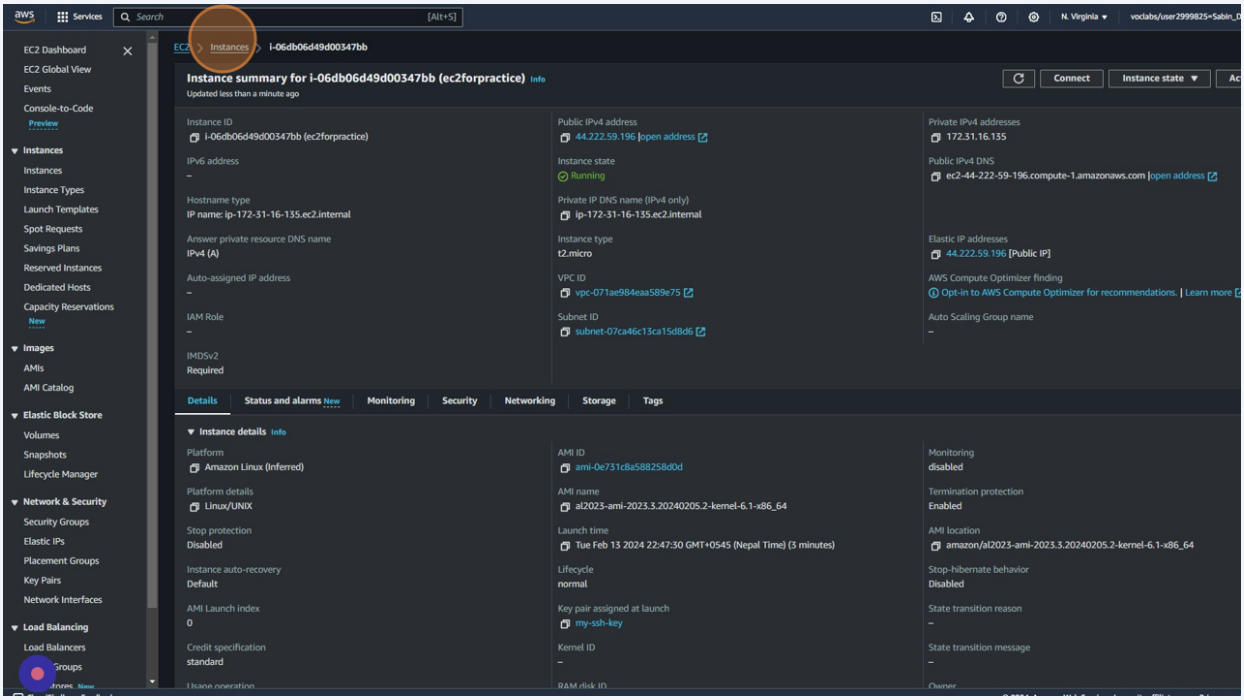
113 Click "Tags"



114 Click "Details"



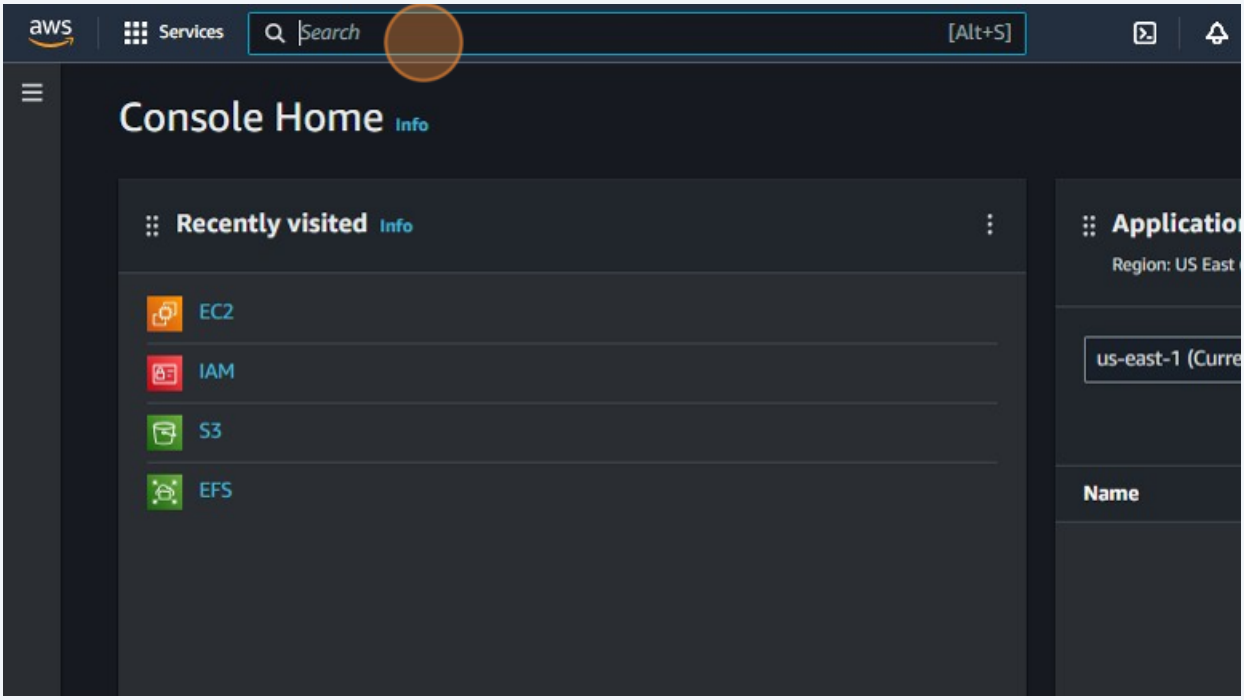
115 Click "Instances"



VPC

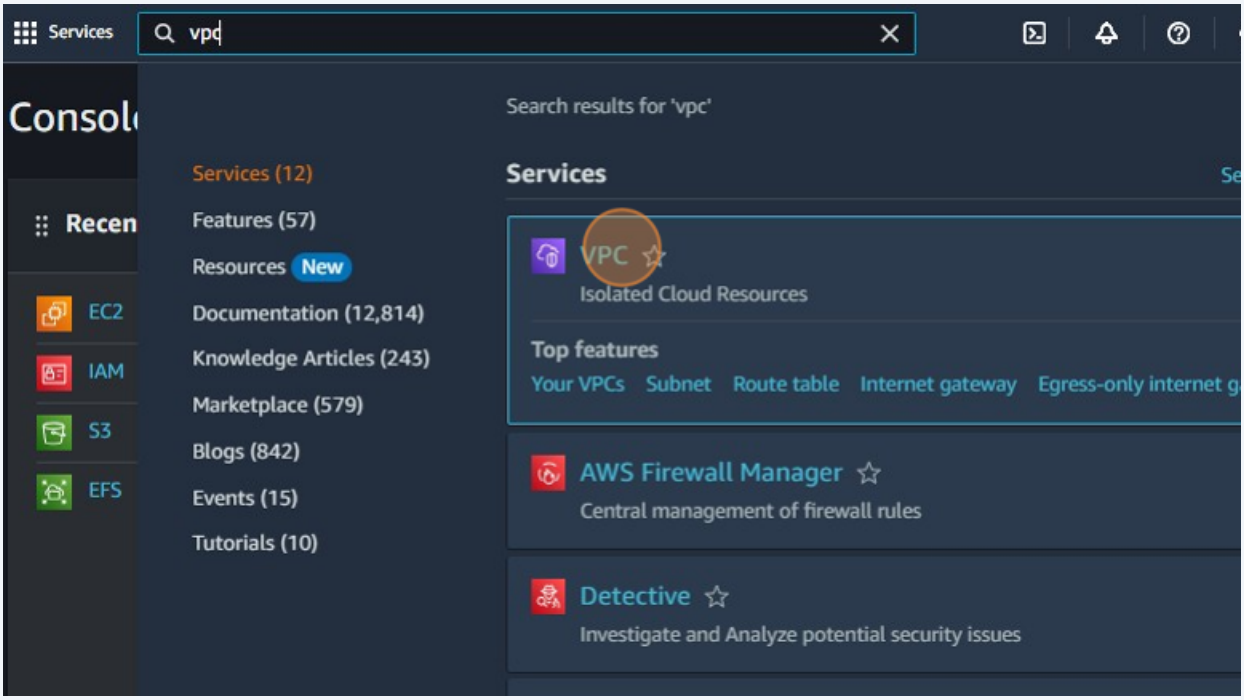
116 Navigate to https://us-east-1.console.aws.amazon.com/console/home?region=us-east-1#

117 Click the "Search" field.

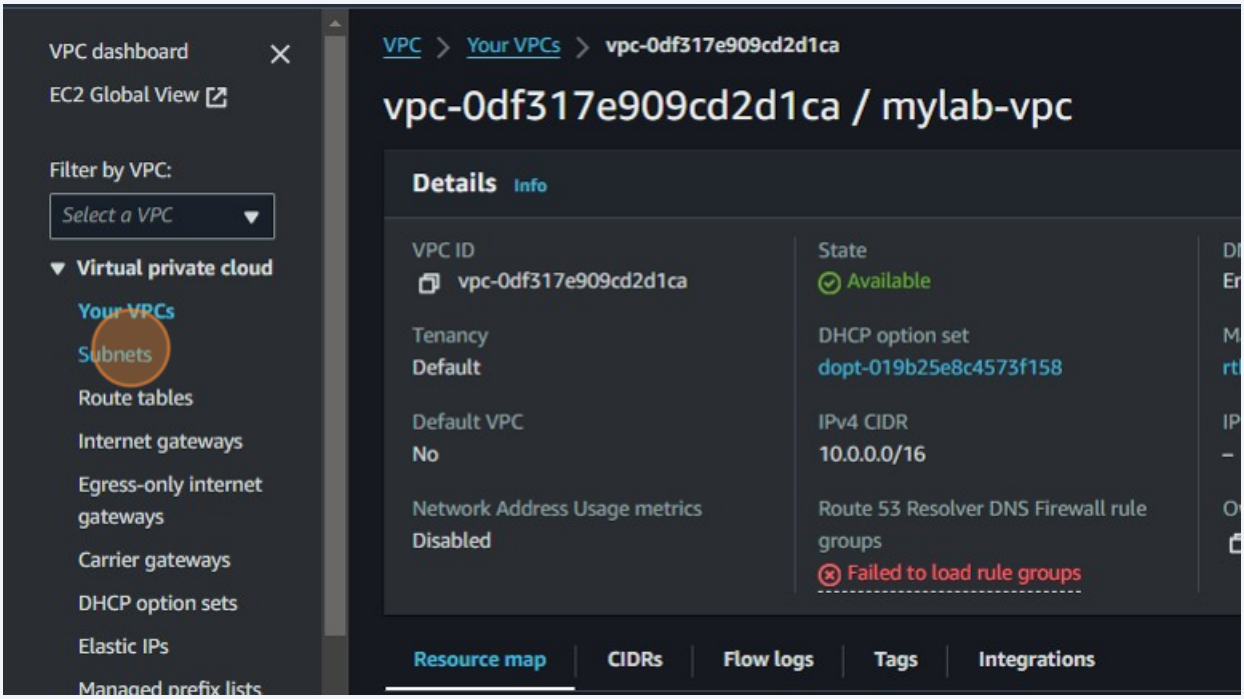


118 Type "vpc"

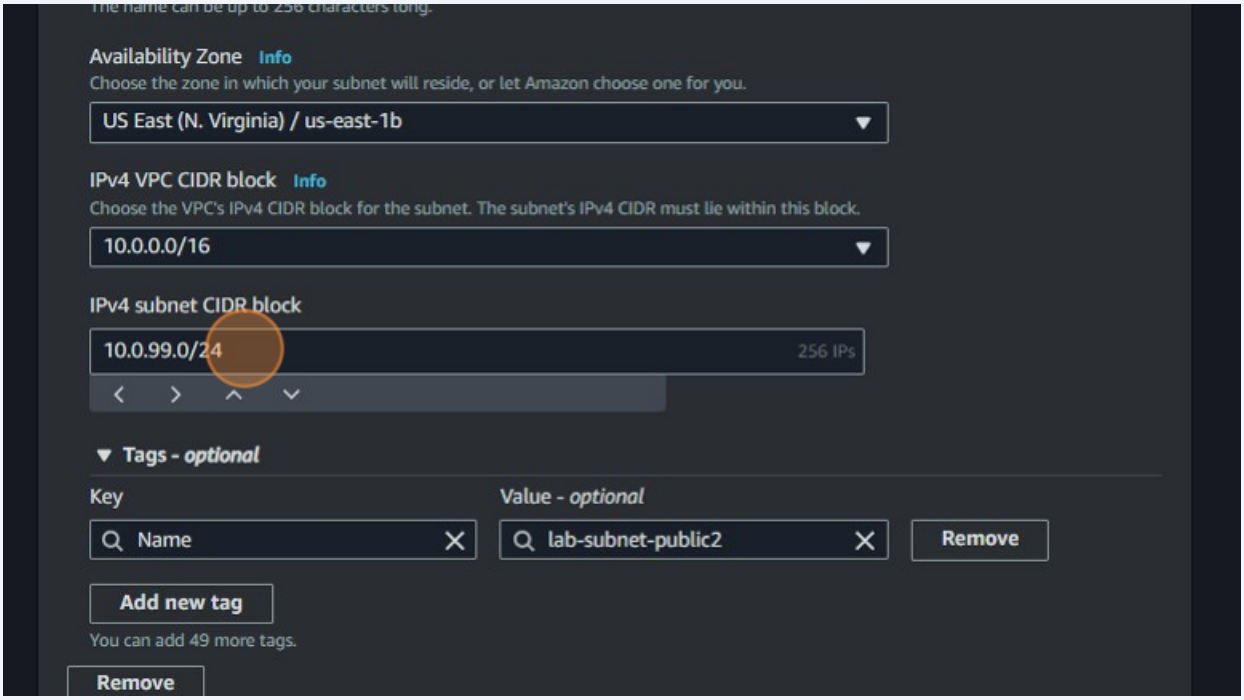
119 Click "VPC"



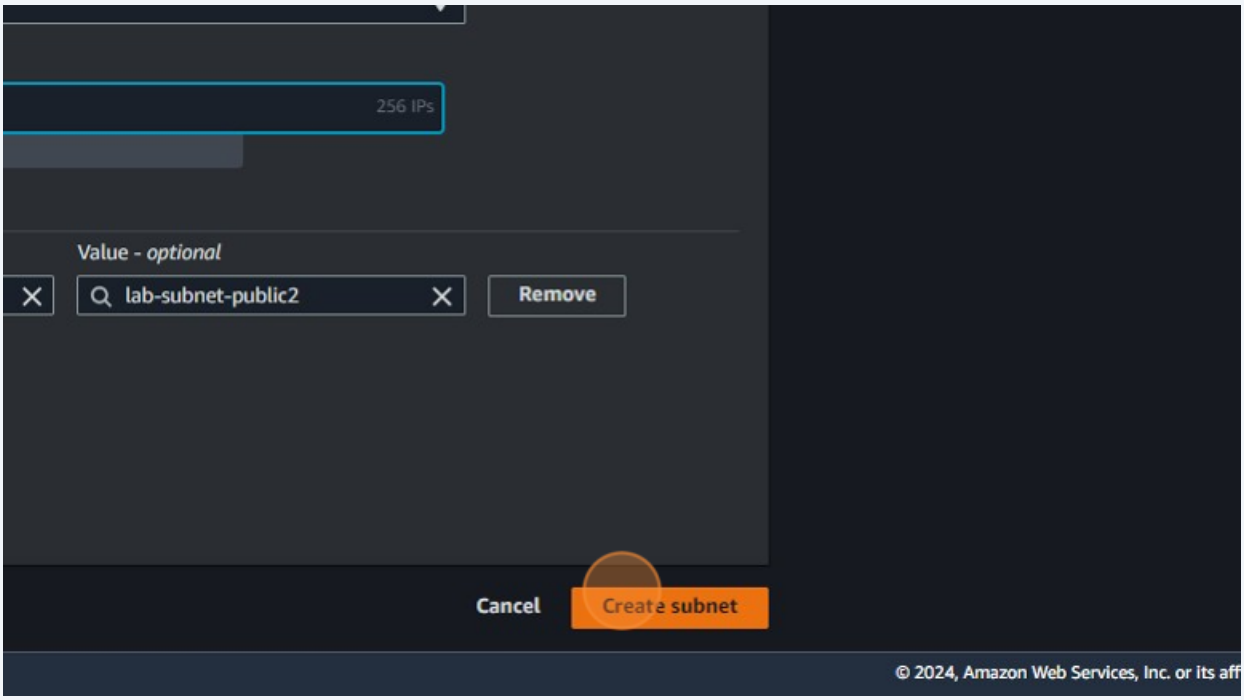
120 Click "Subnets"



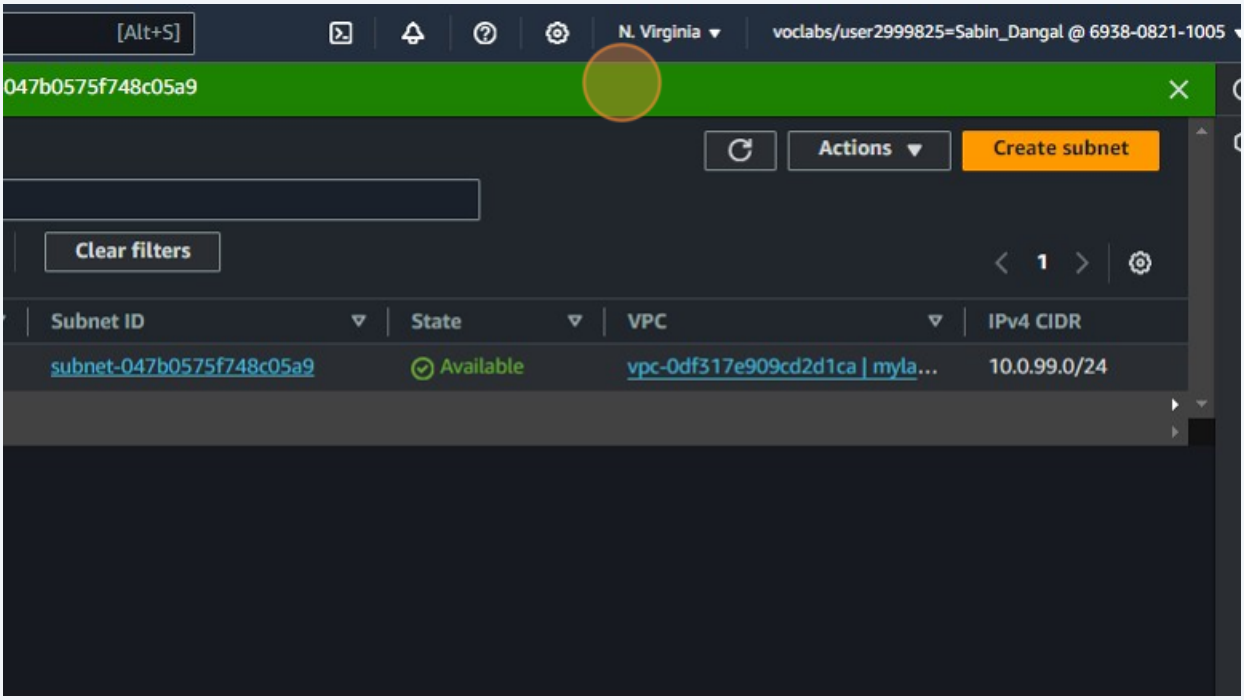
121 Click the "10.0.0.0/20" field.



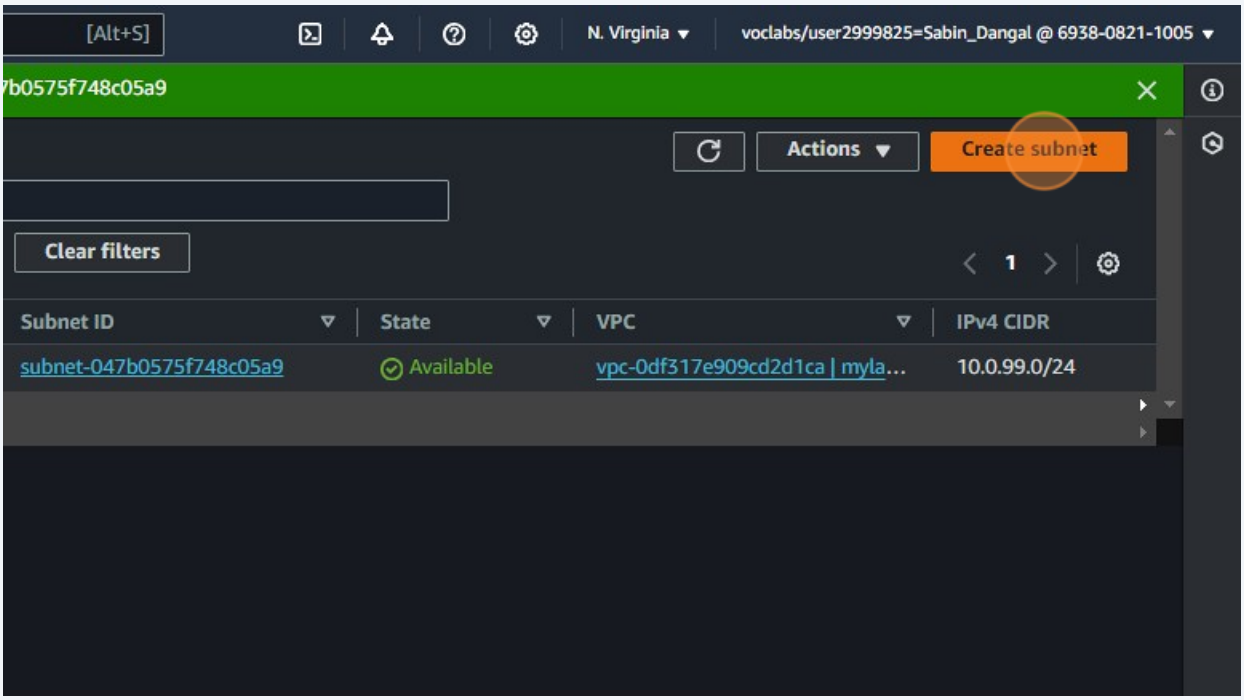
122 Click "Create subnet"



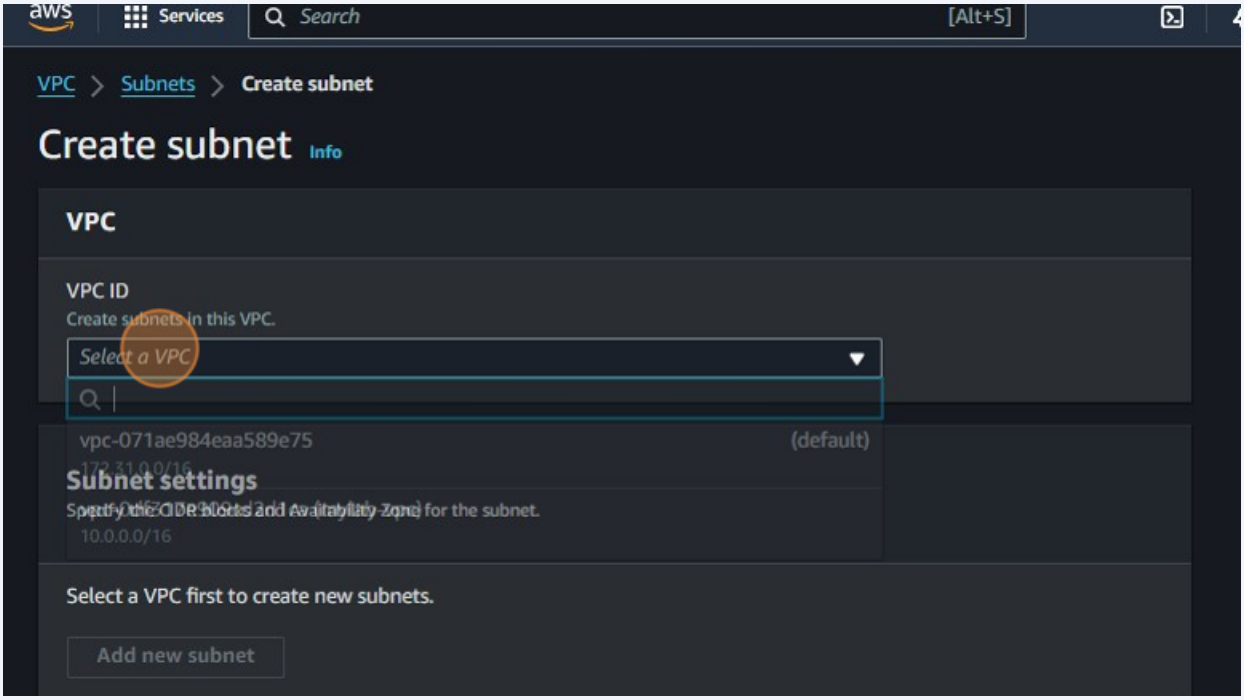
123 Click "You have successfully created 1 subnet: subnet-047b0575f748c05a9"



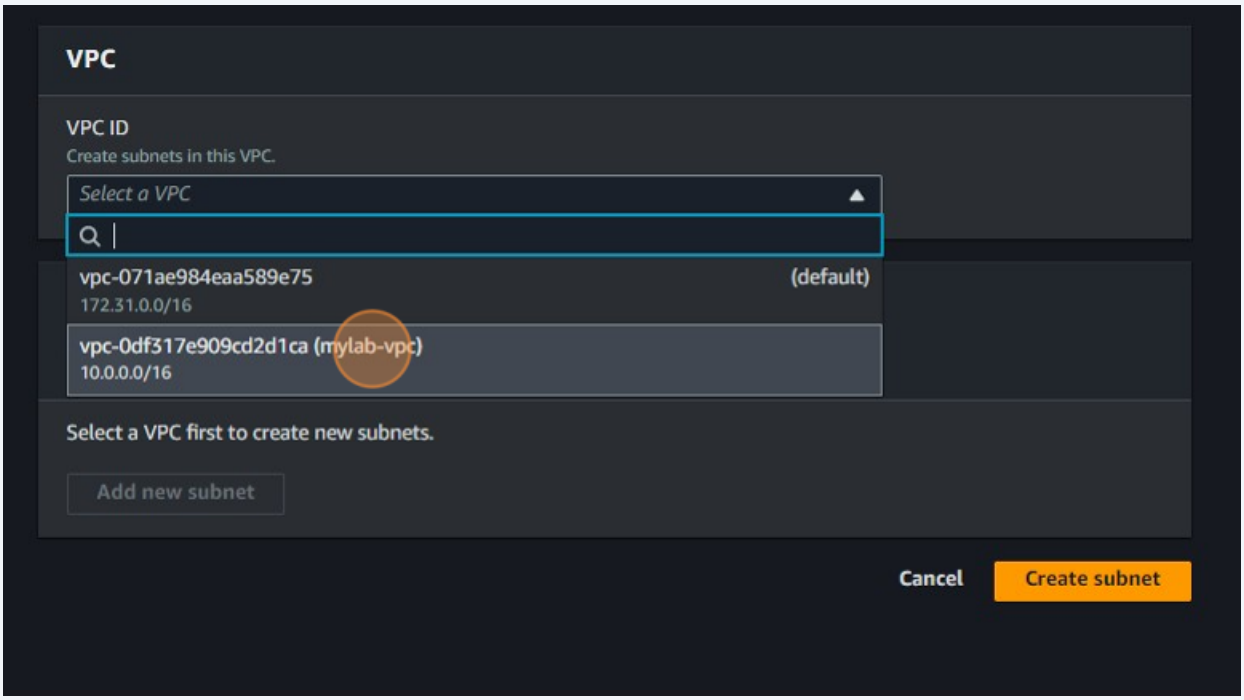
124 Click "Create subnet"



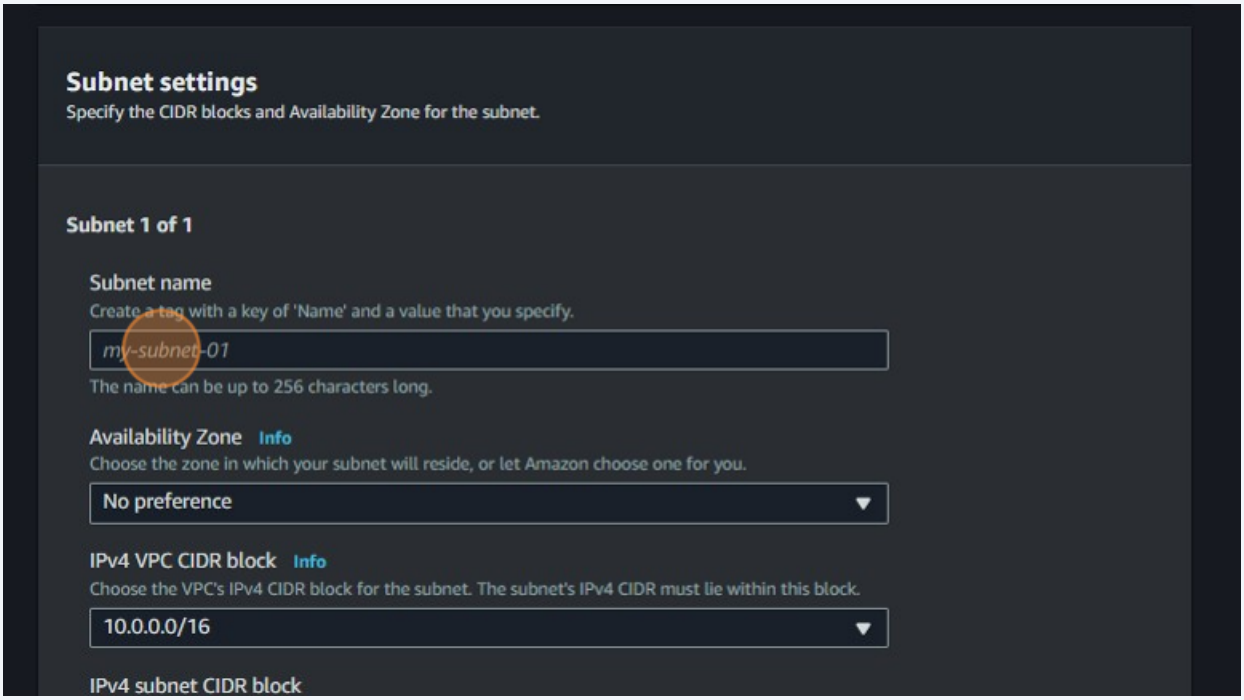
125 Click "Select a VPC"



126 Click "vpc-0df317e909cd2d1ca (mylab-vpc)"

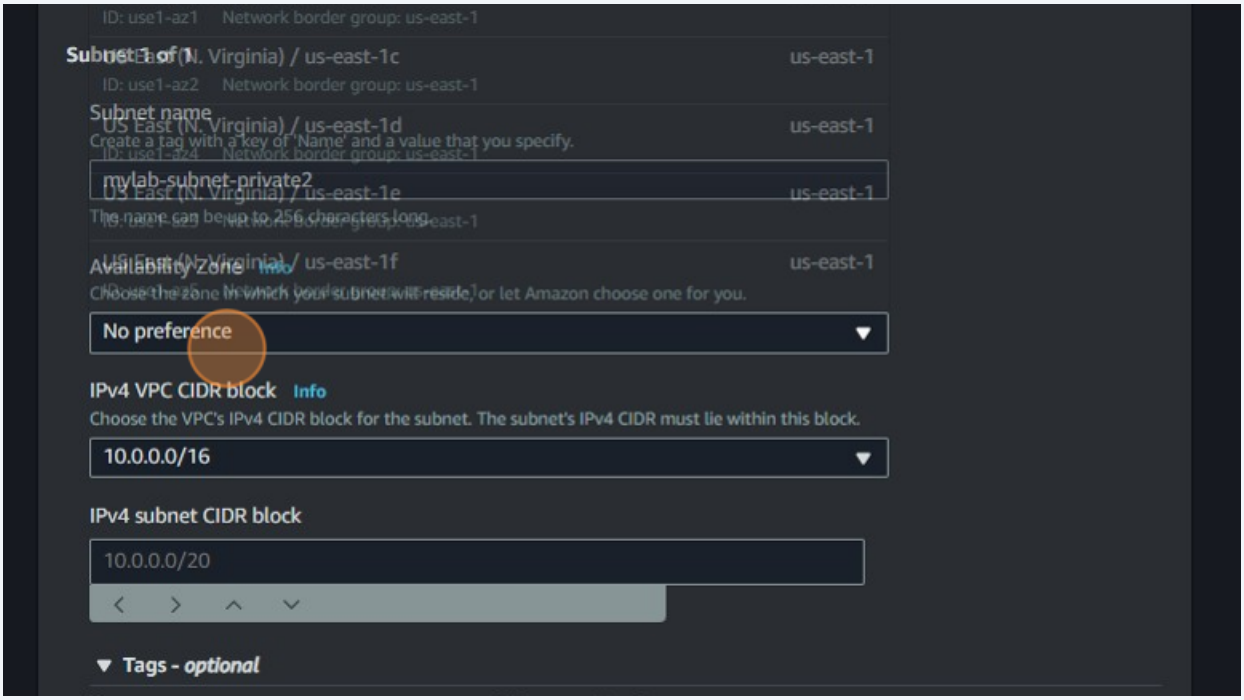


127 Click the "Subnet name" field.

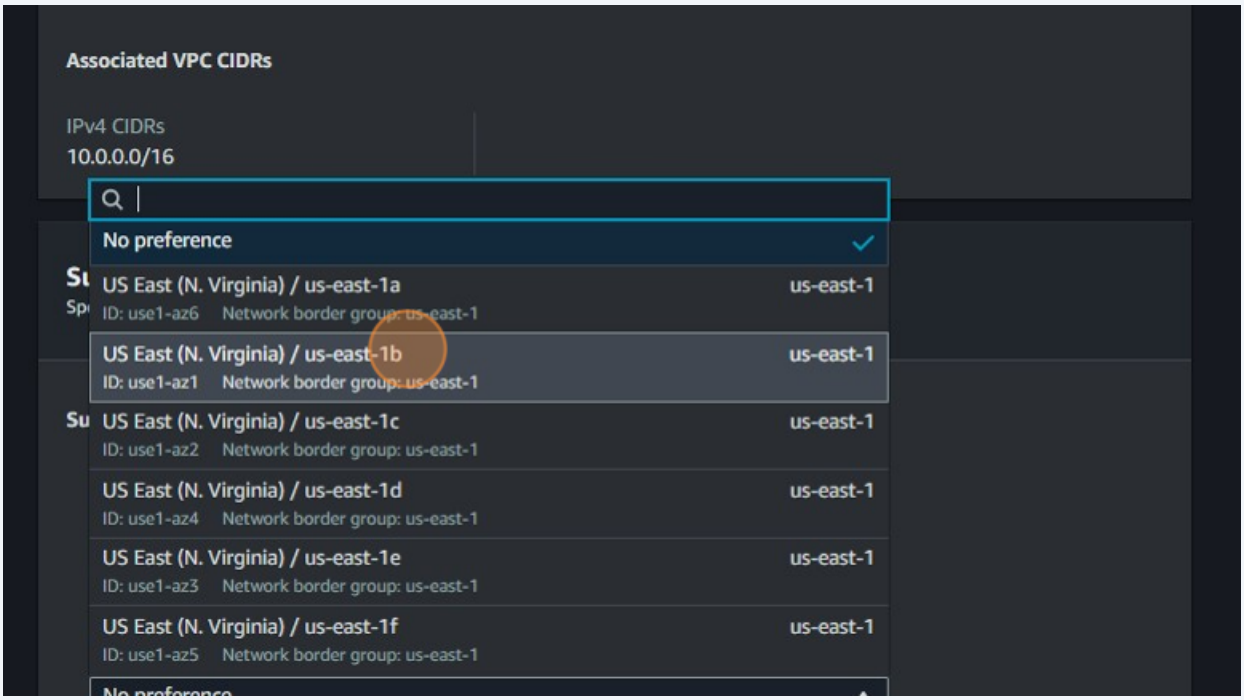


128 Type "mylab-subnet-private2"

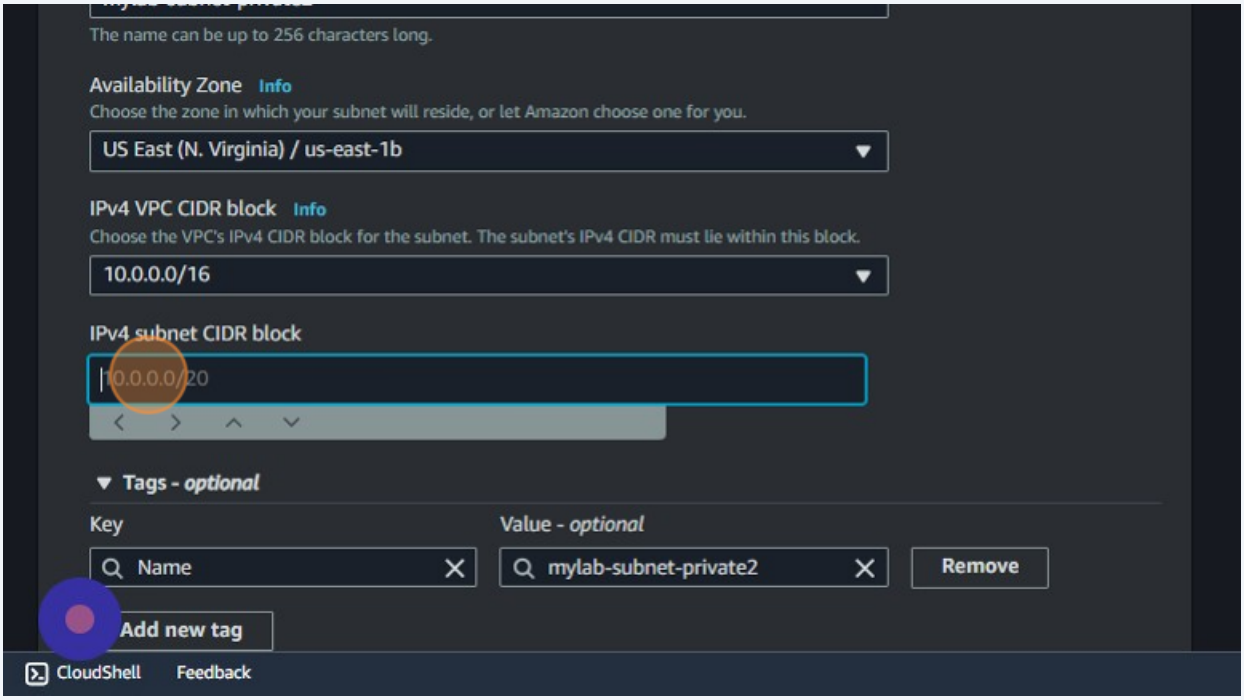
129 Click "No preference"



130 Click "us-east-1"

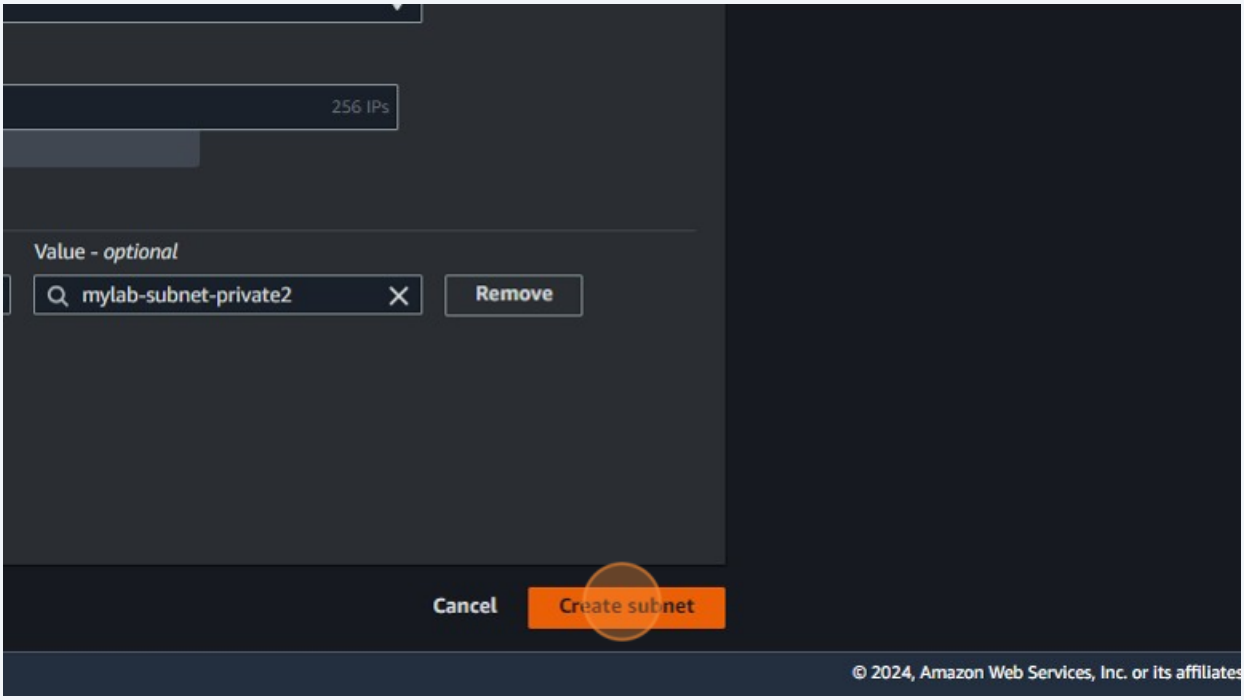


131 Click the "10.0.0.0/20" field.

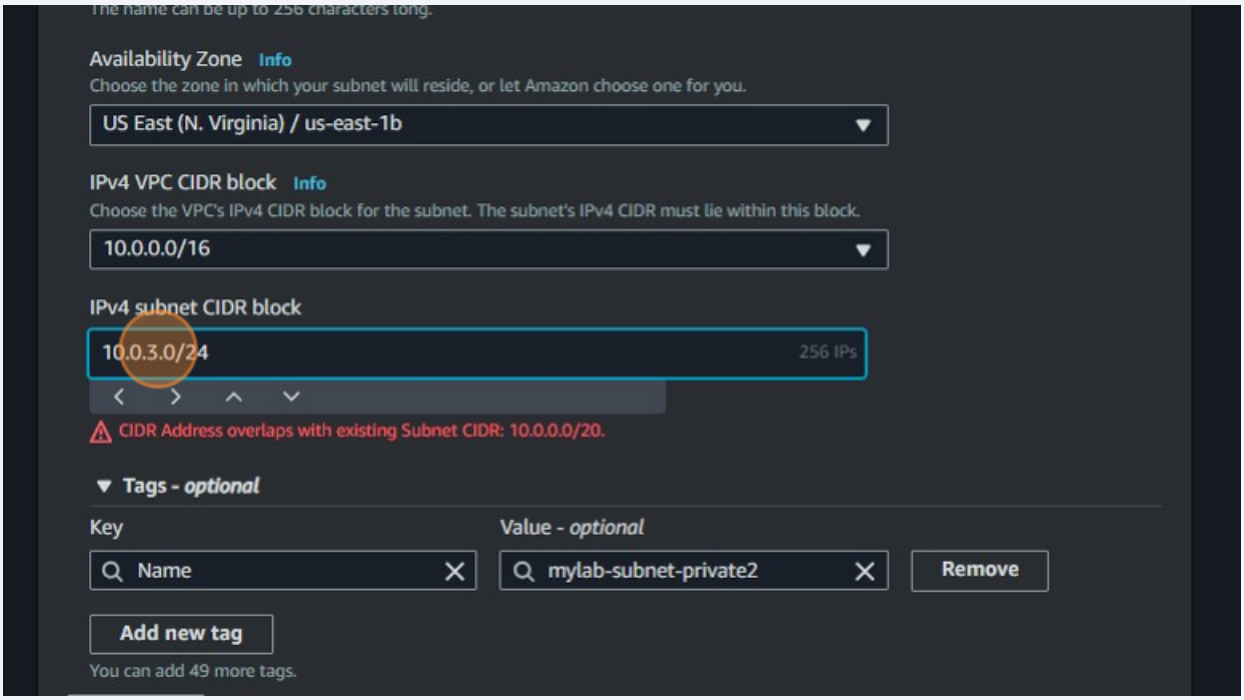


132 Type "10.0.3.0/24"

133 Click "Create subnet"

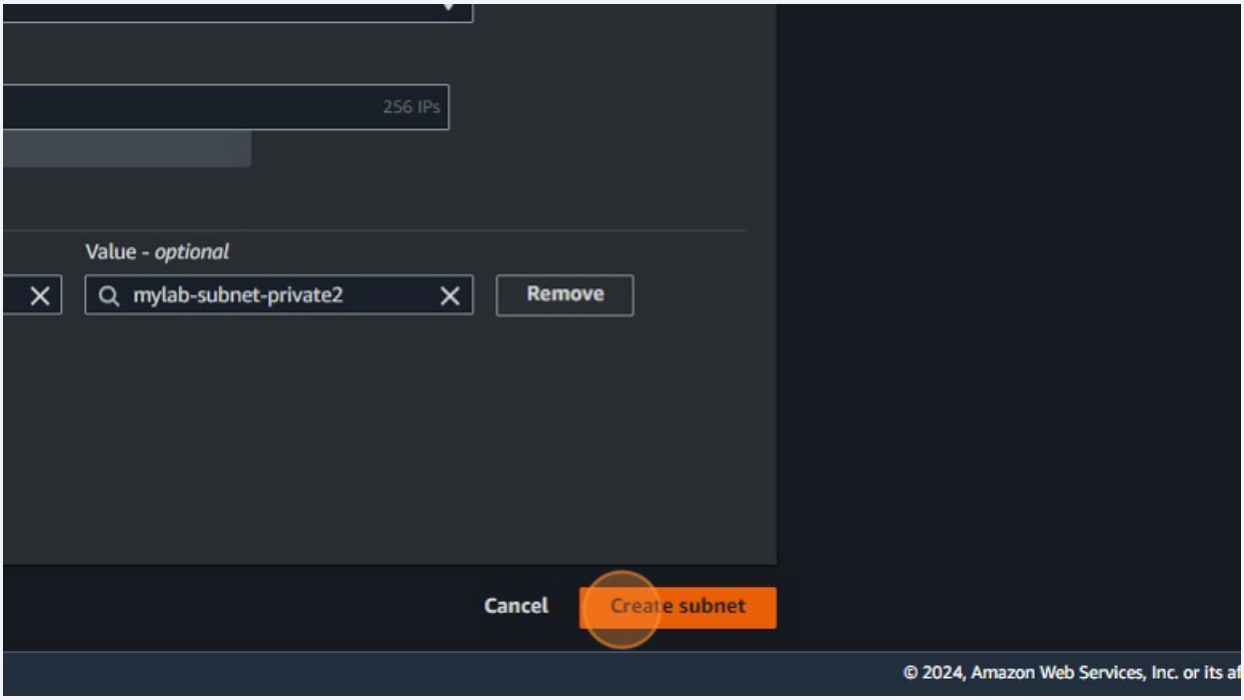


134 Click the "10.0.0.0/20" field.

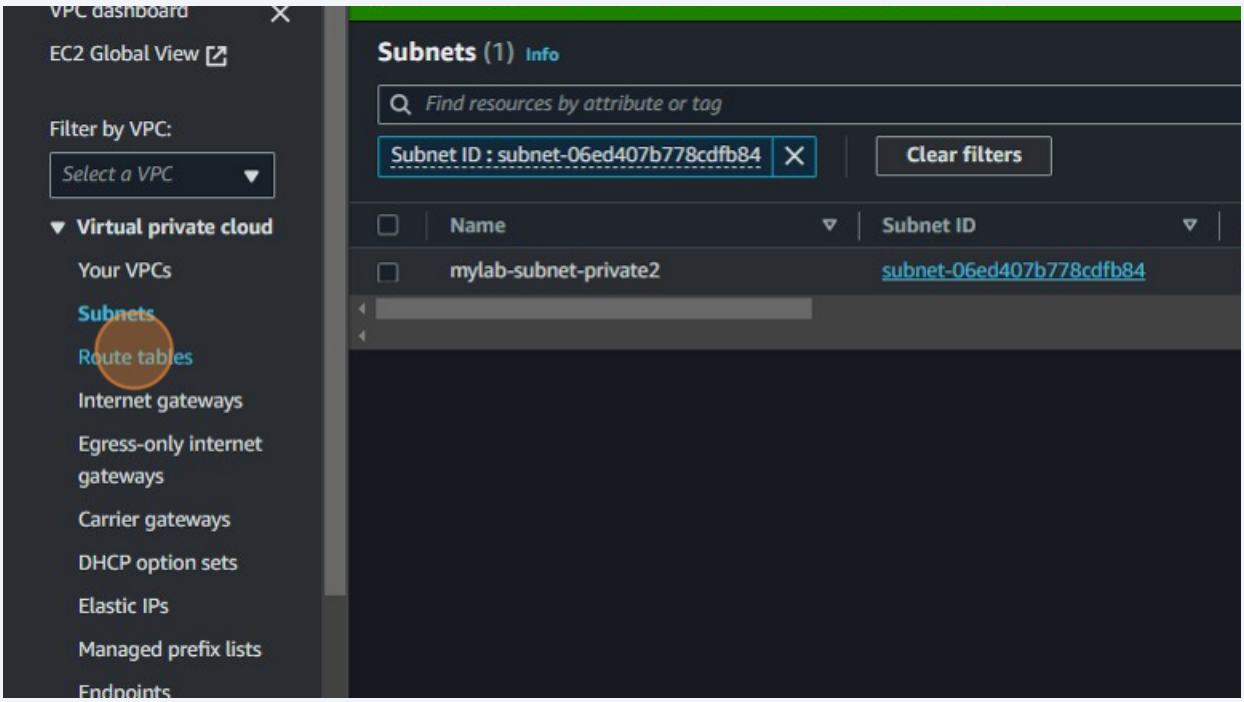


135 Type " **Backspace** 98"

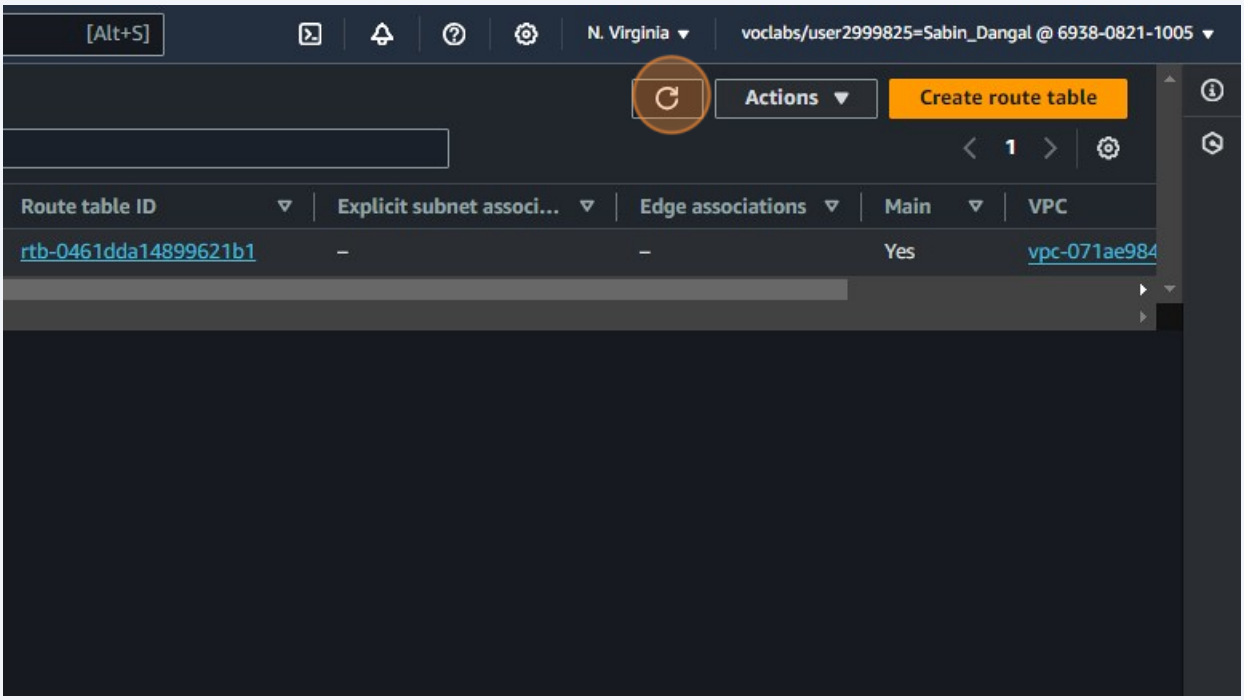
136 Click "Create subnet"



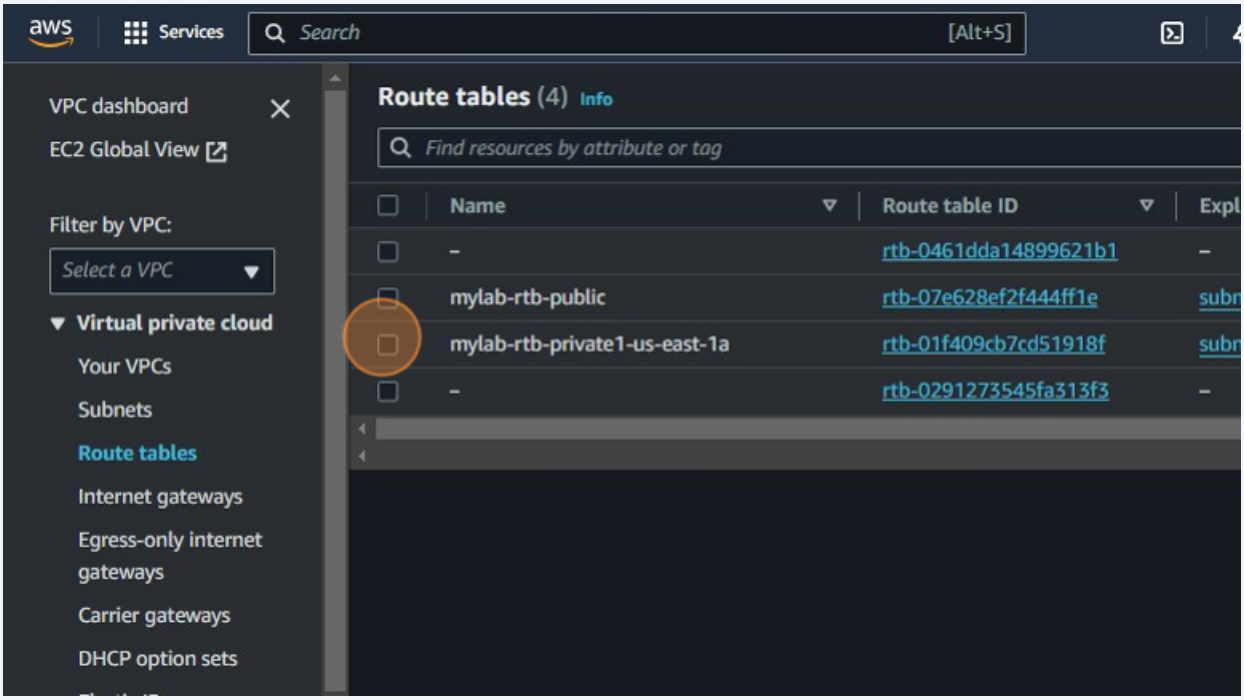
137 Click "Route tables"



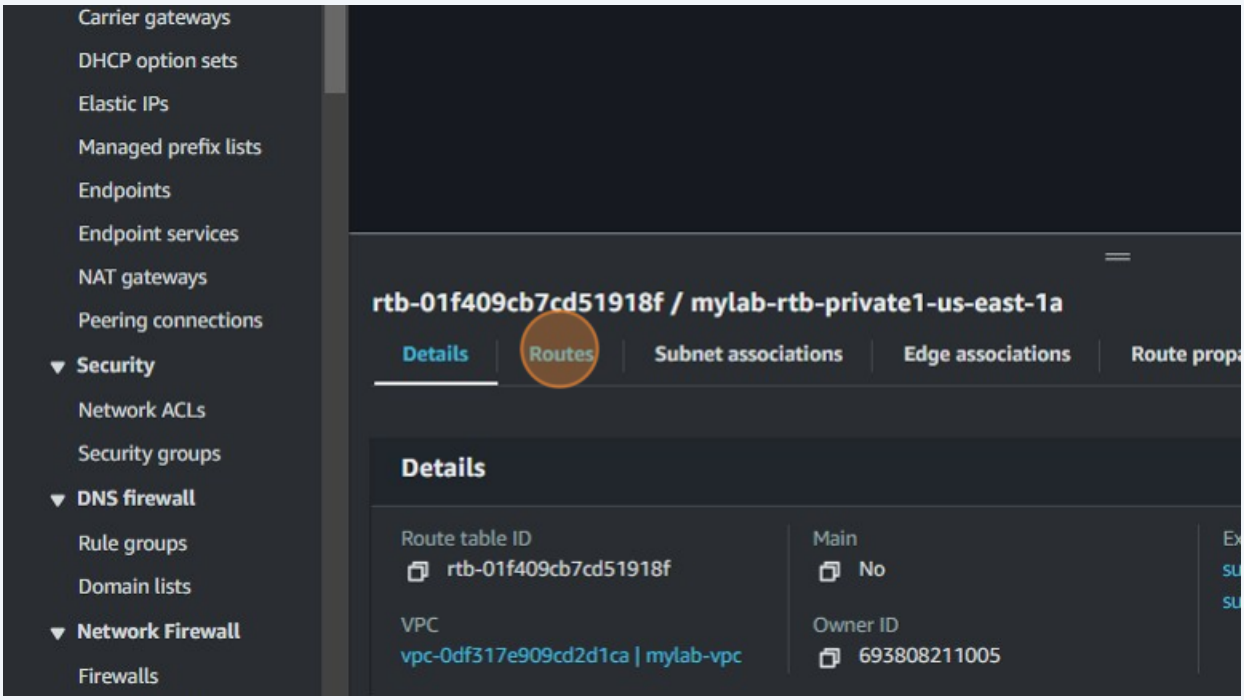
138 Click here.



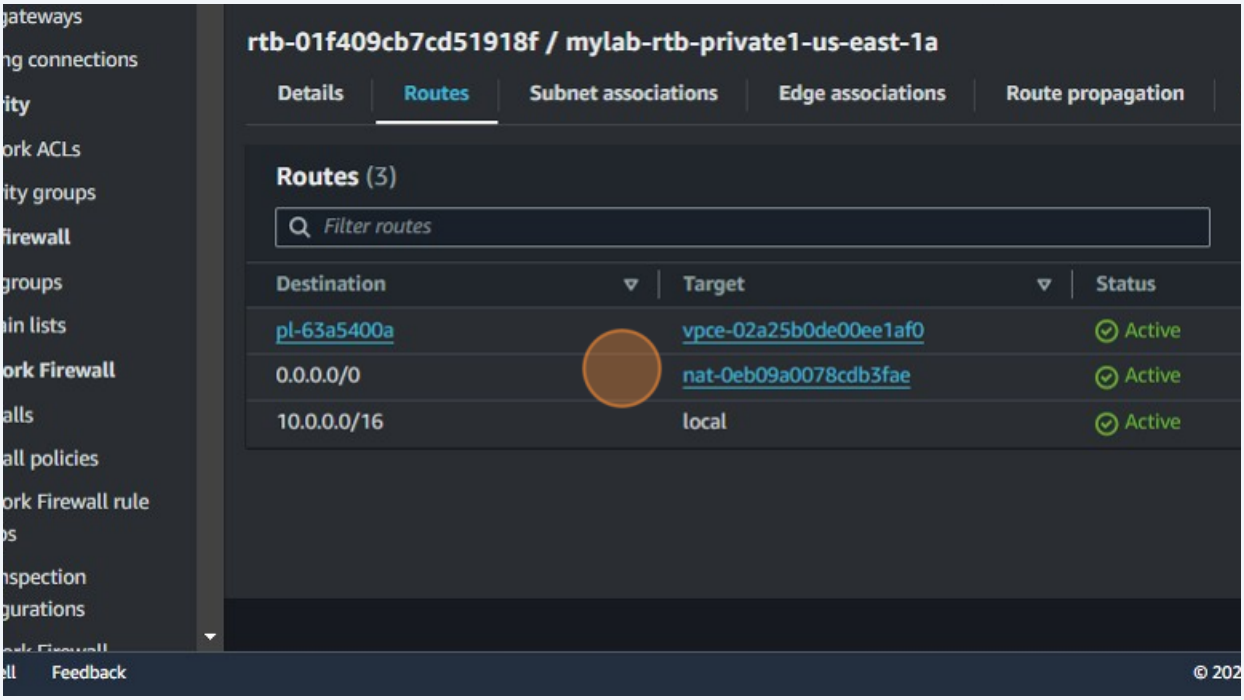
139 Click this checkbox.



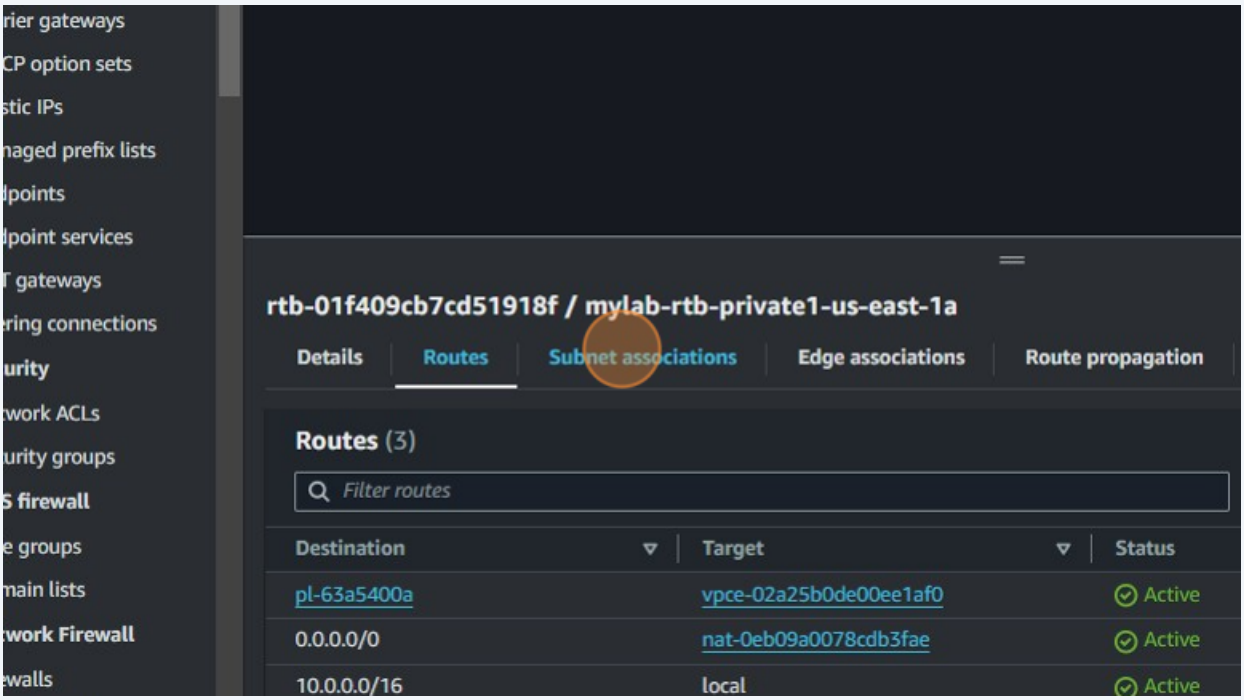
140 Click "Routes"



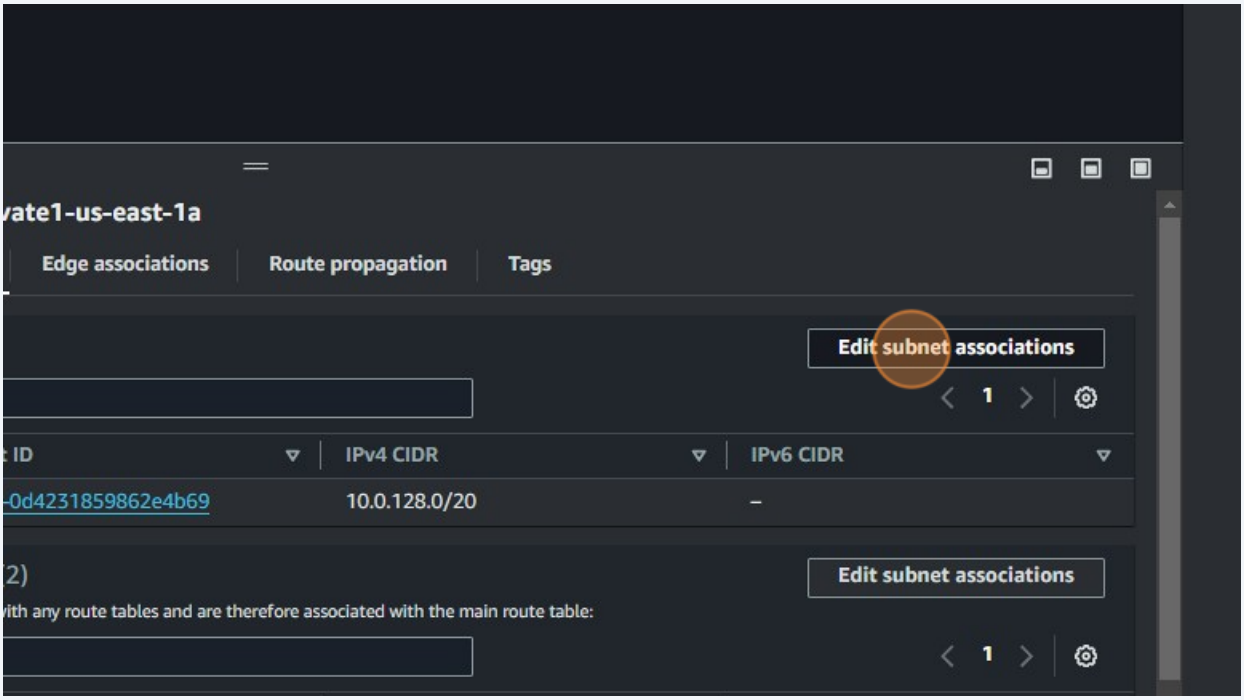
141 Click "0.0.0.0/0"



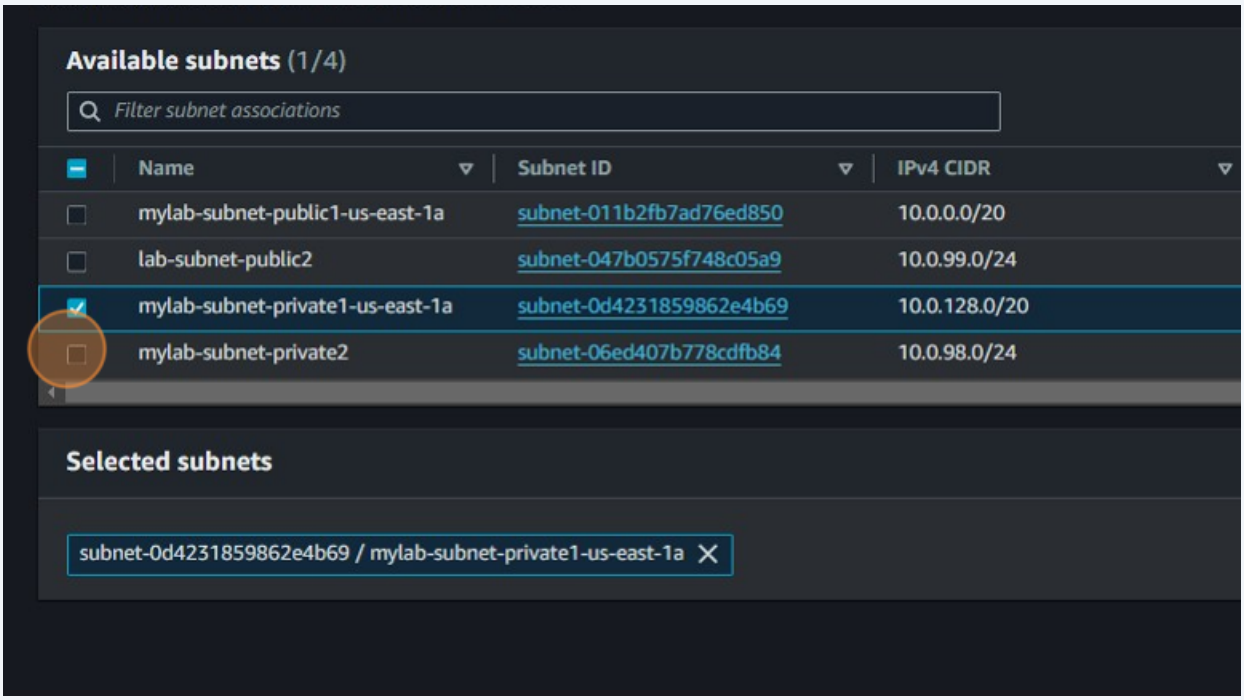
142 Click "Subnet associations"



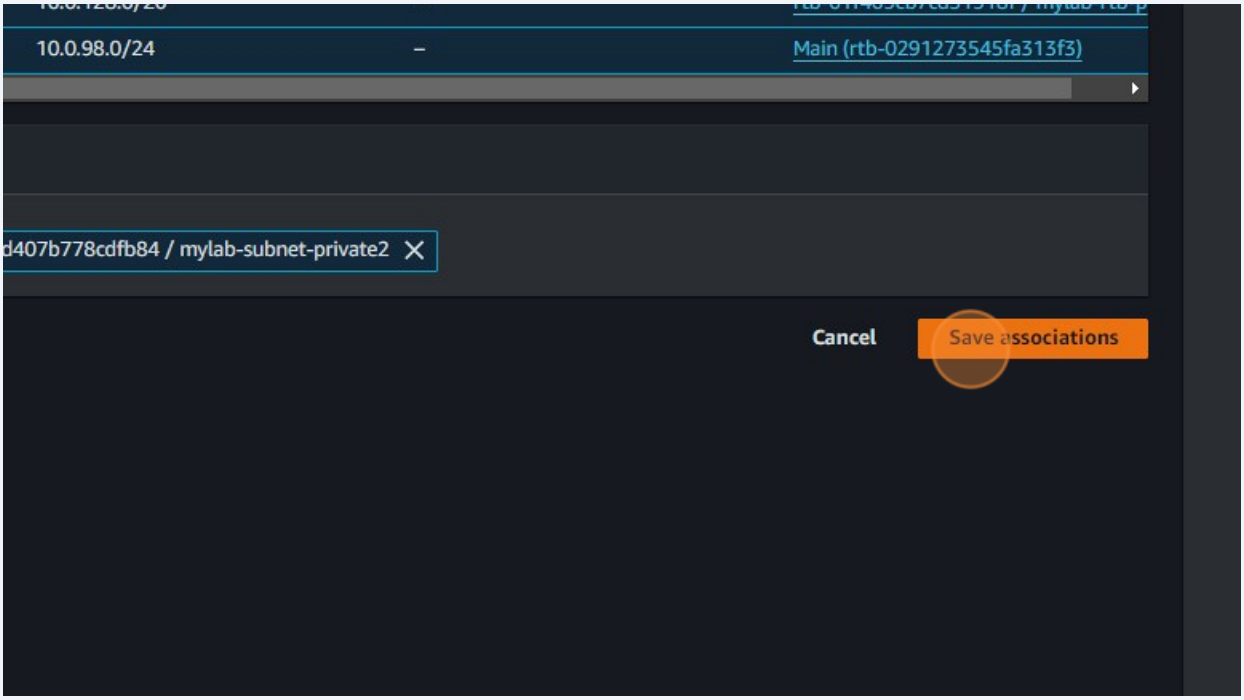
143 Click "Edit subnet associations"



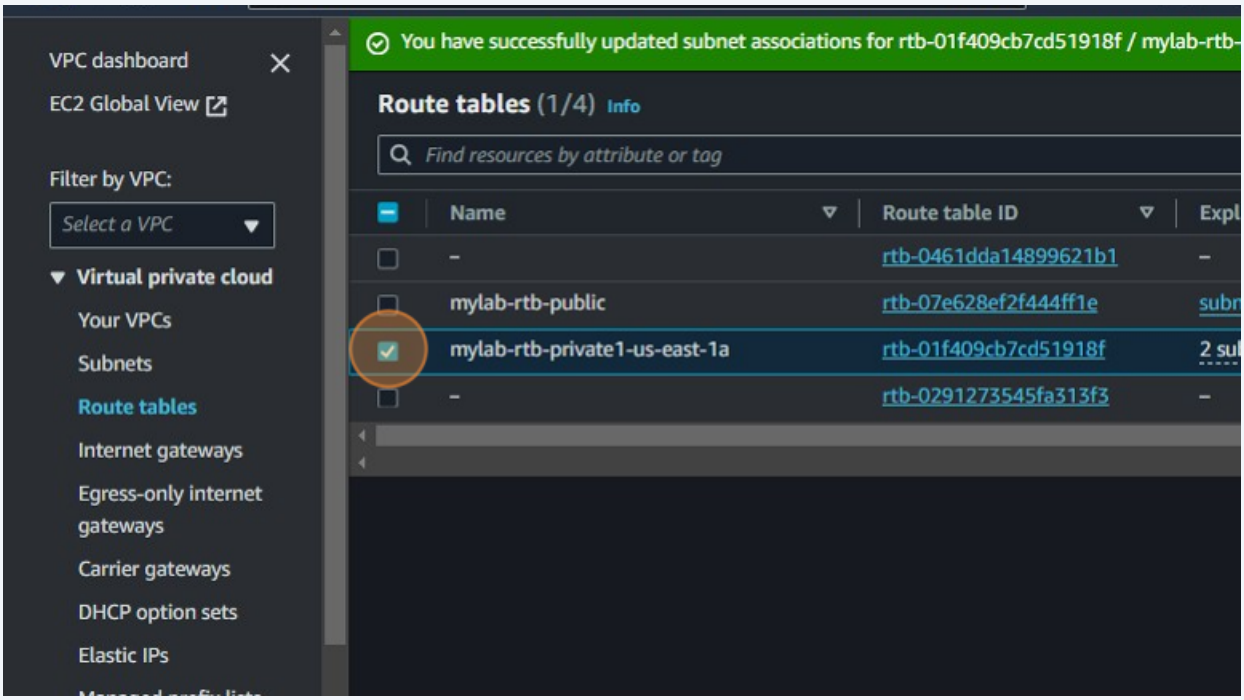
144 Click this checkbox.



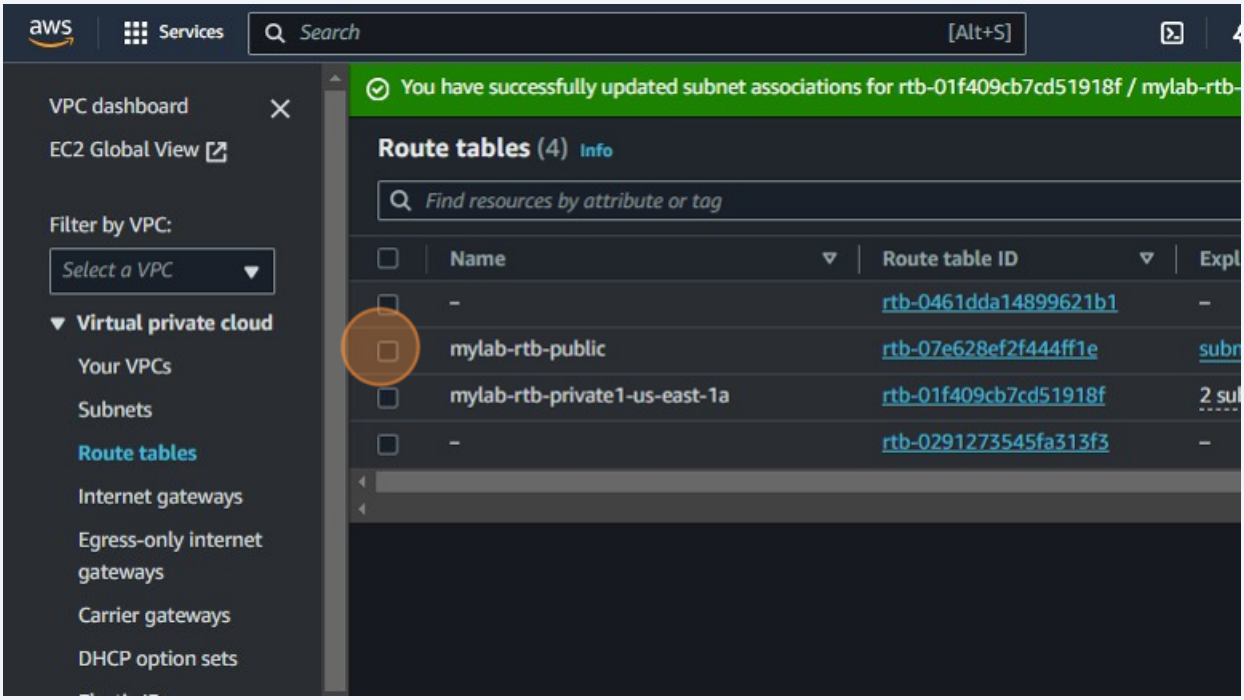
145 Click "Save associations"



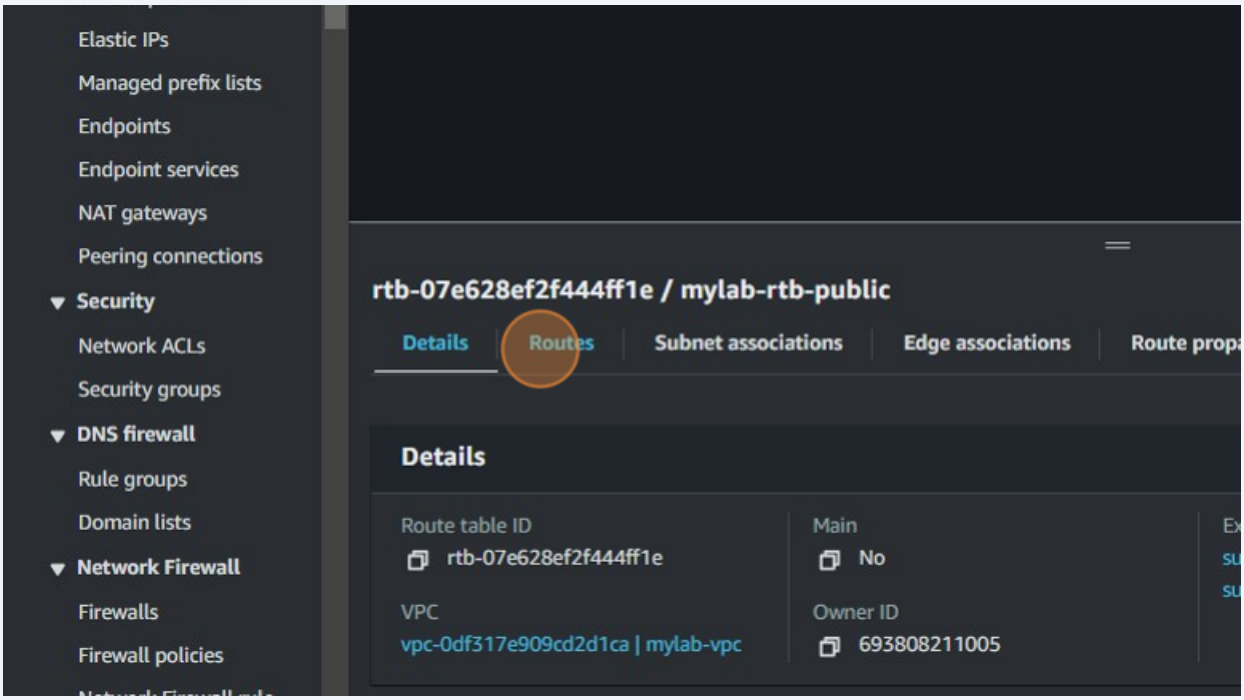
146 Click this checkbox.



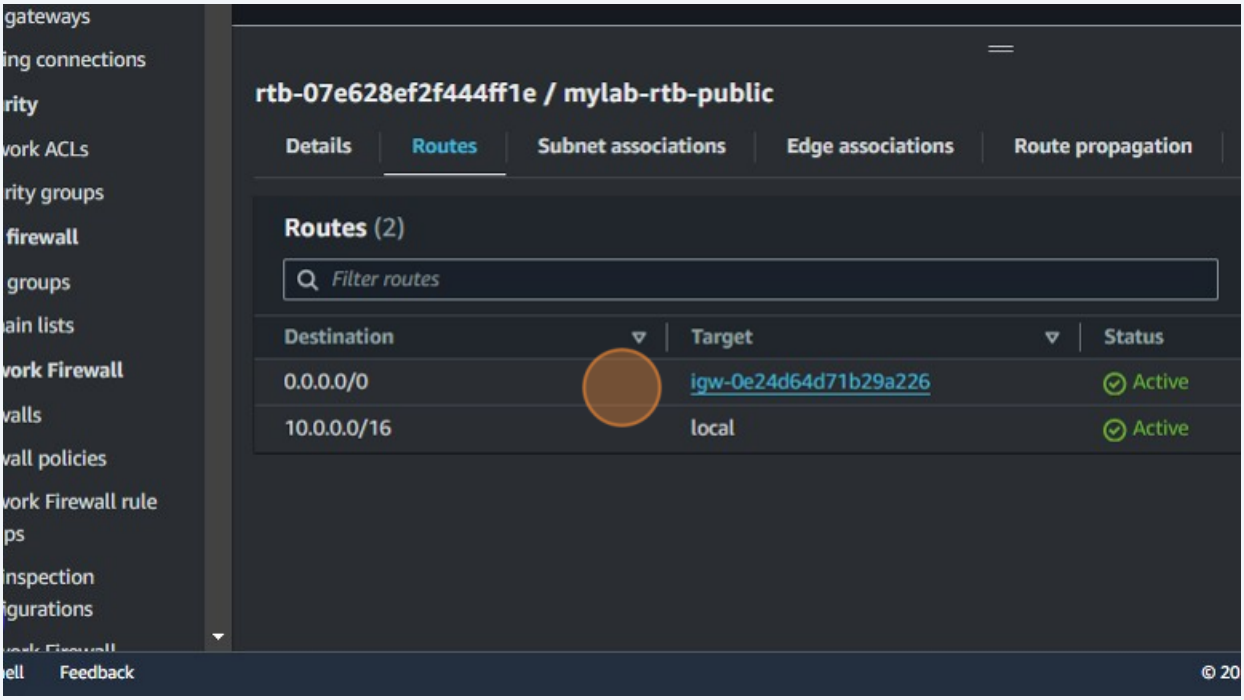
147 Click this checkbox.



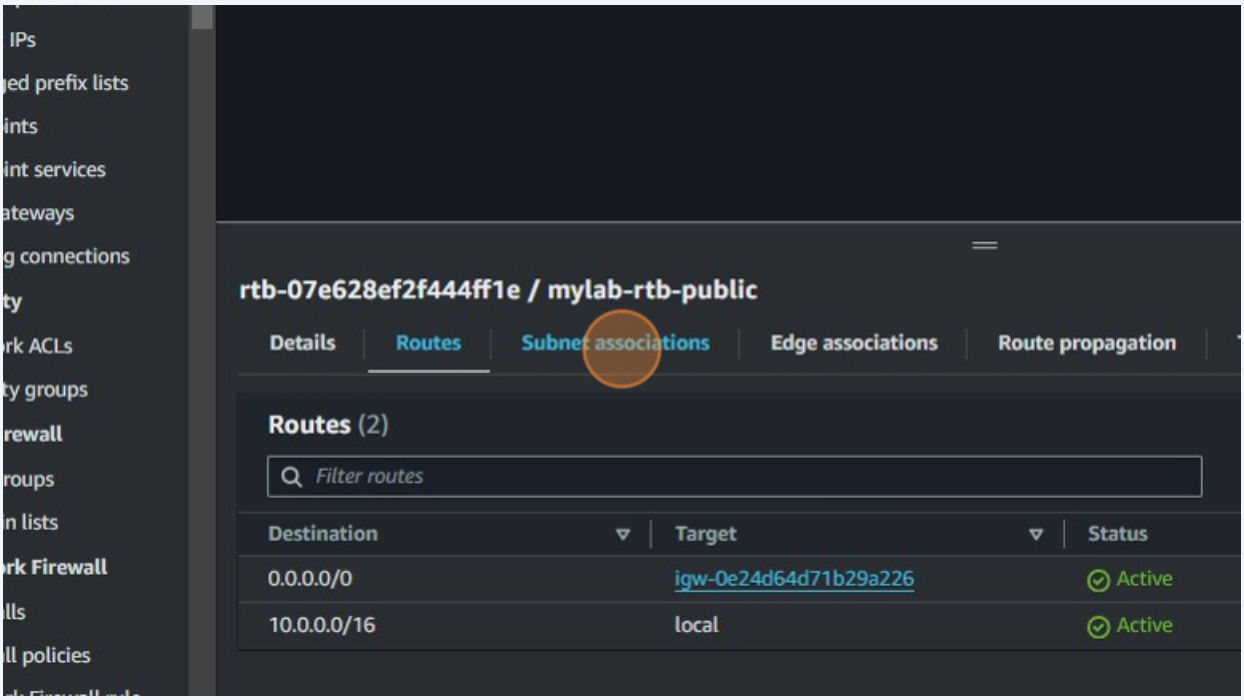
148 Click "Routes"



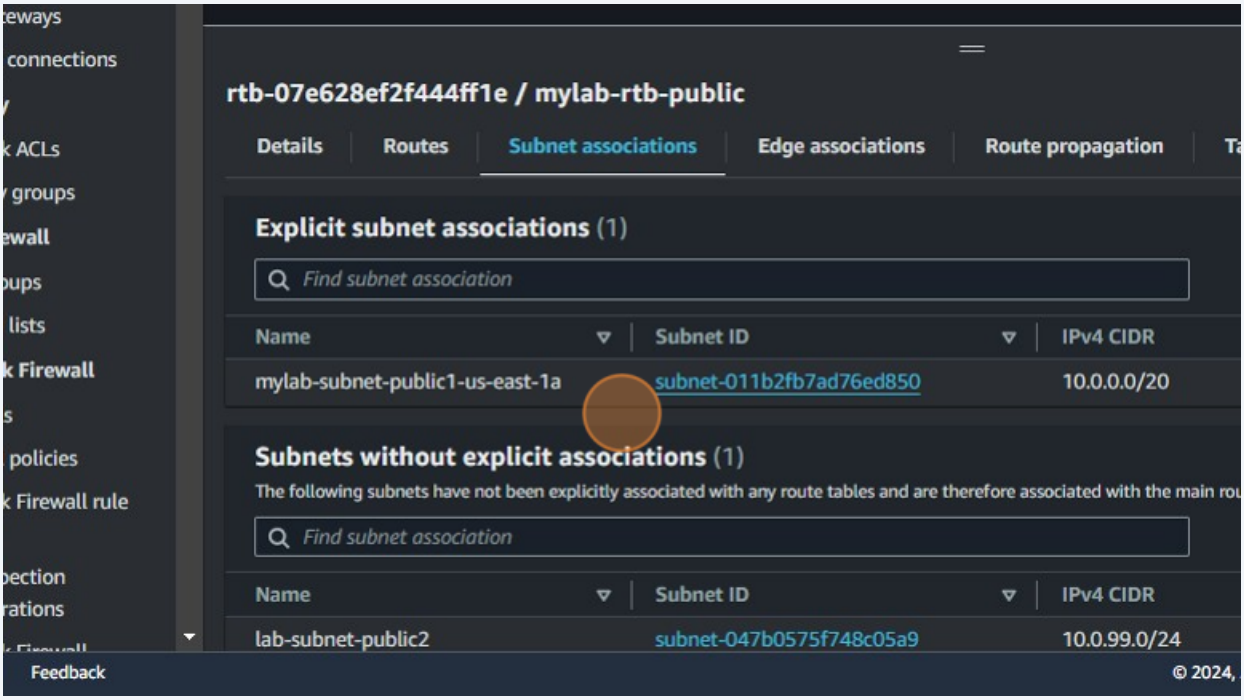
149 Click "0.0.0.0/0"



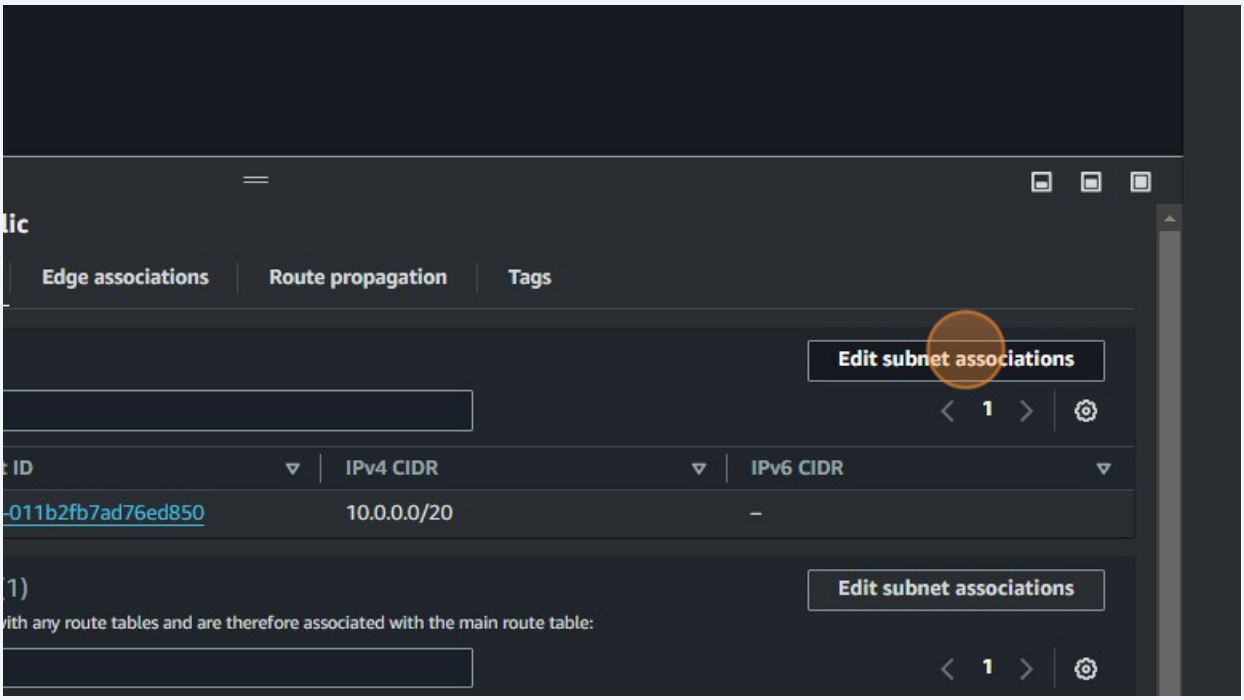
150 Click "Subnet associations"



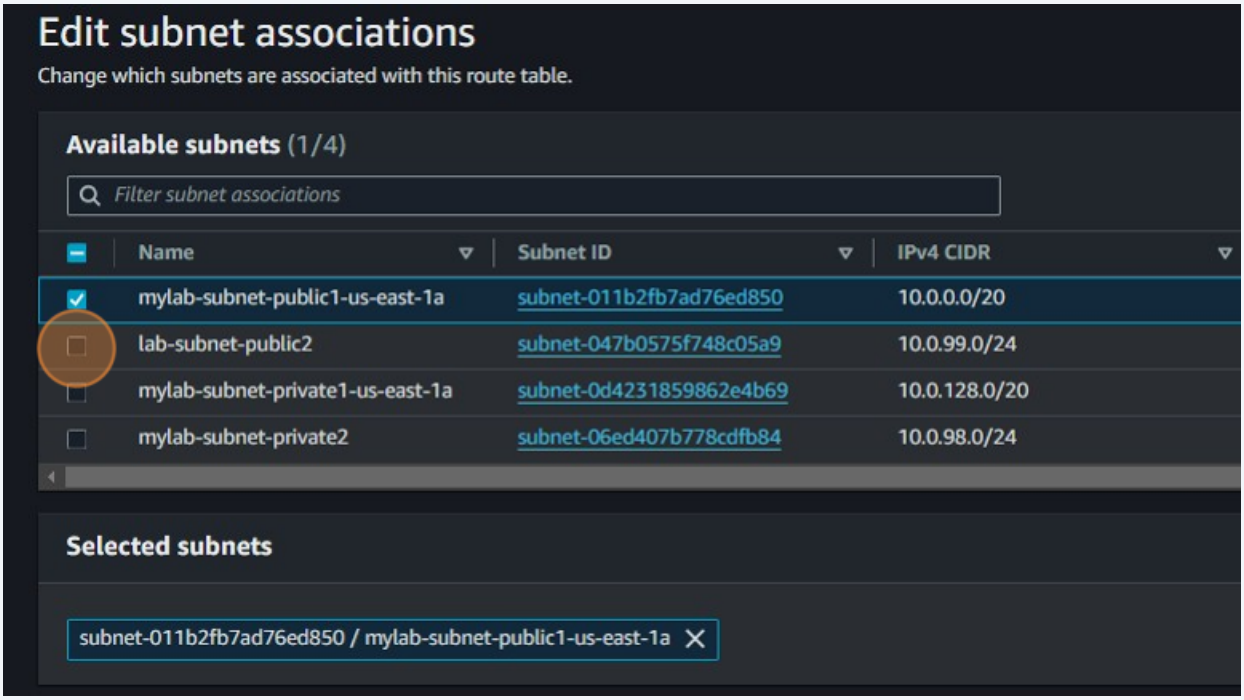
151 Click here.



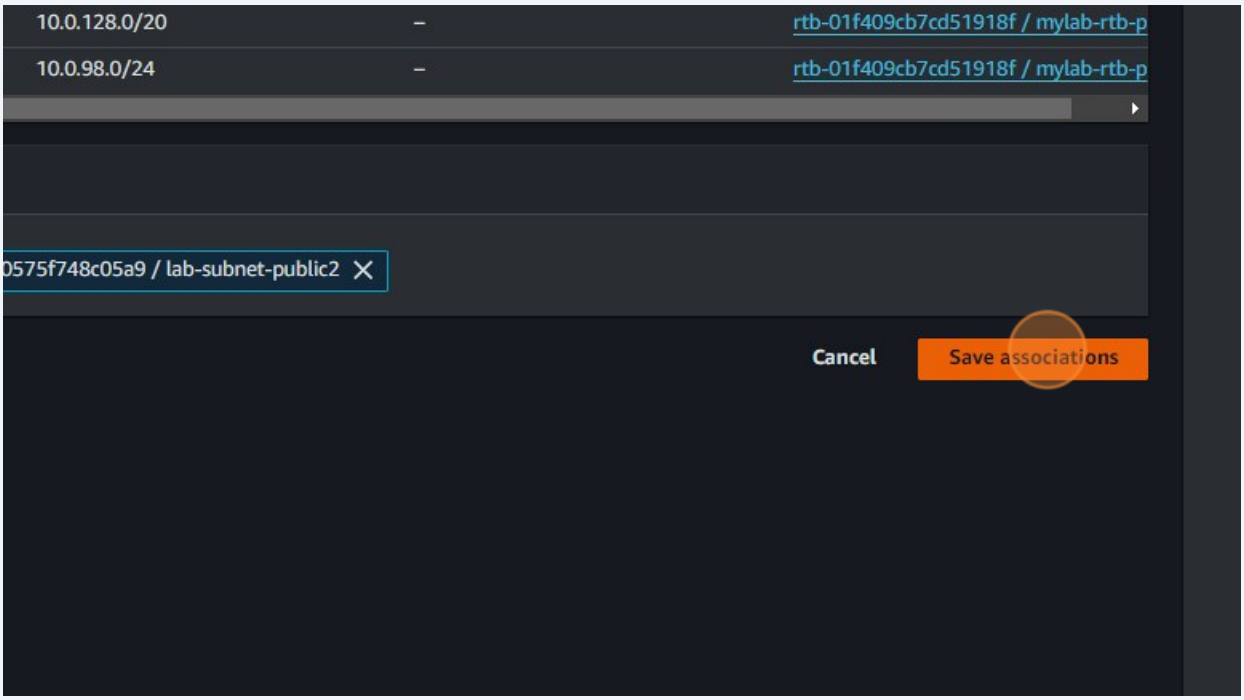
152 Click "Edit subnet associations"



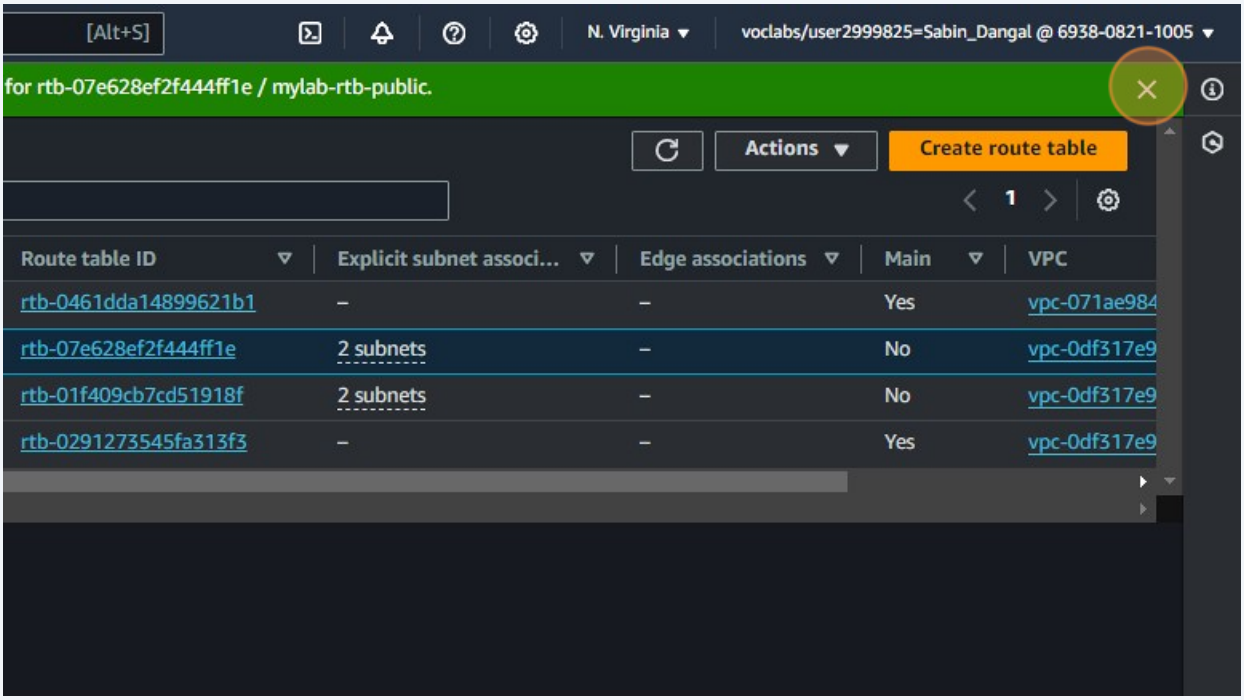
153 Click this checkbox.



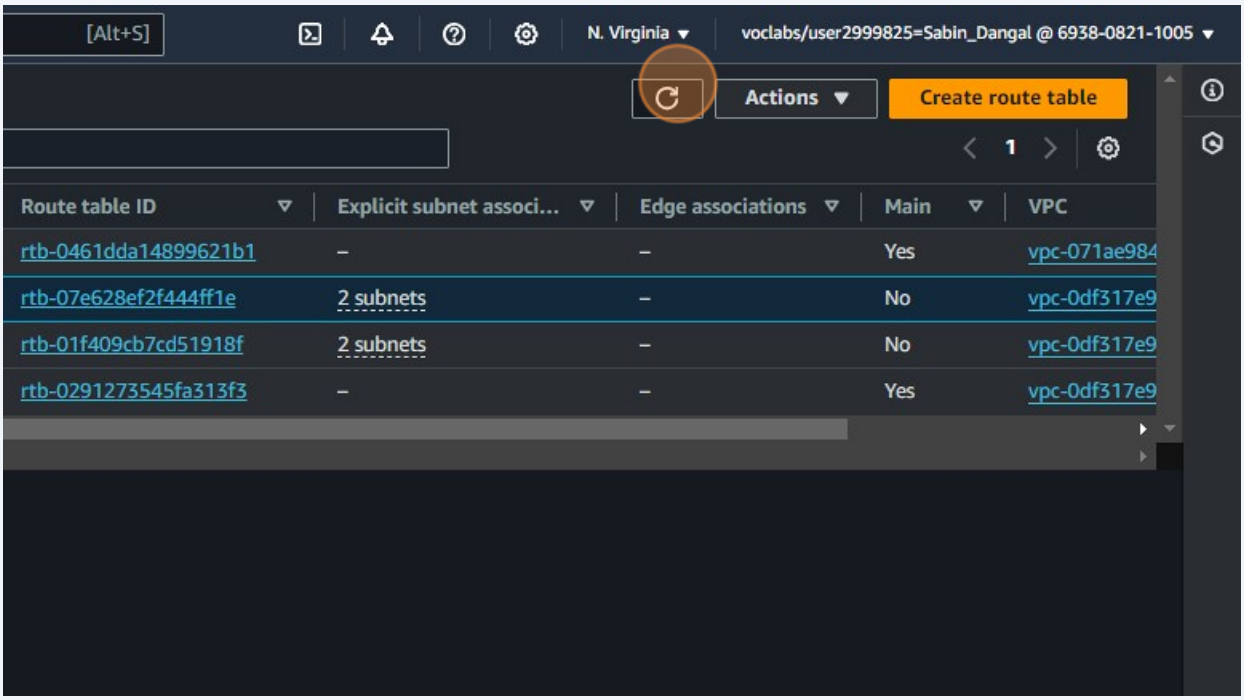
154 Click "Save associations"



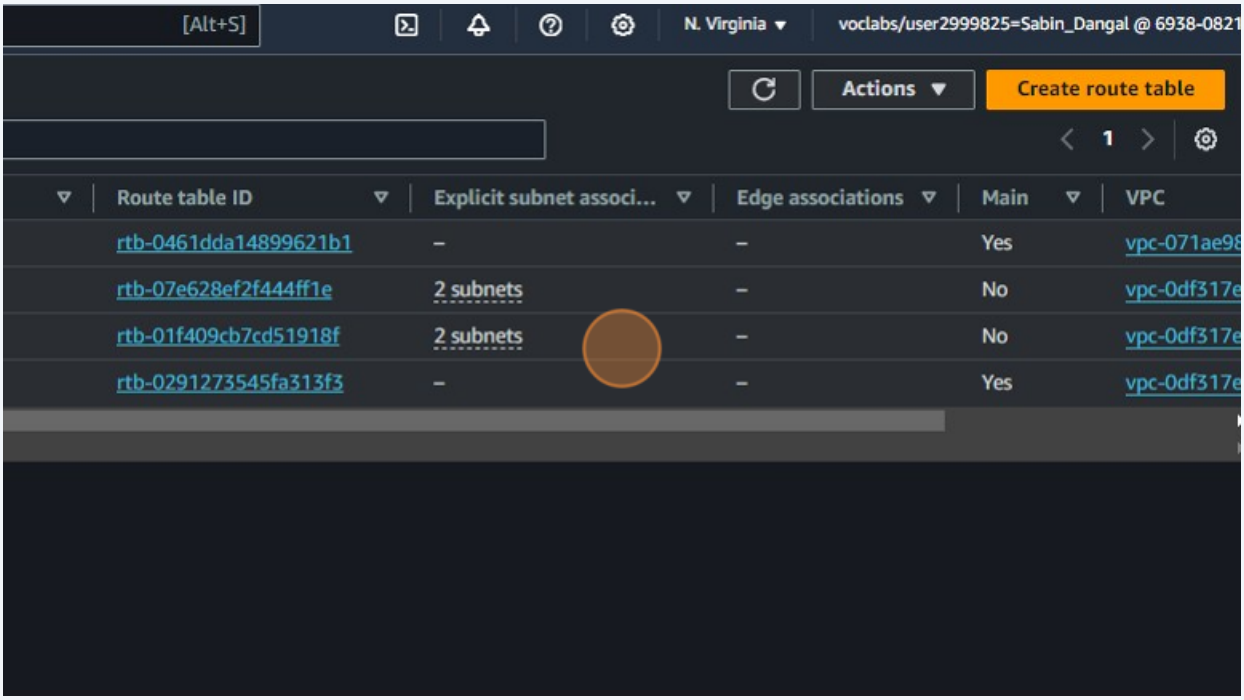
155 Click here.



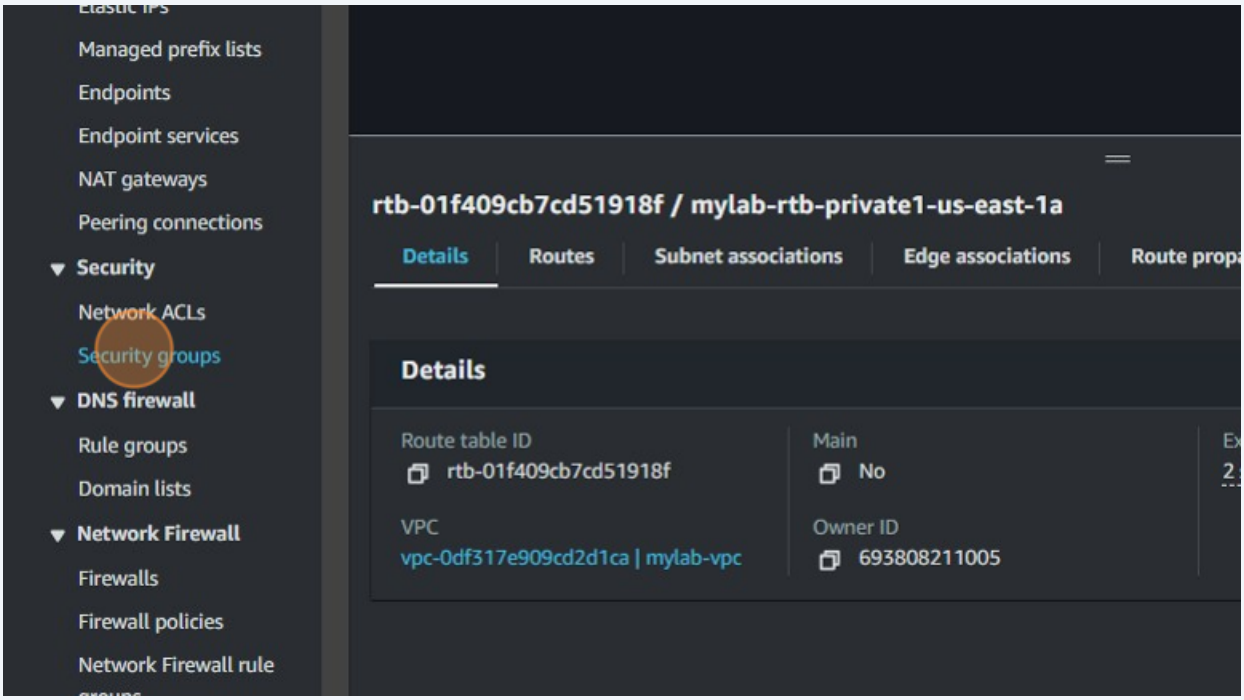
156 Click this button.



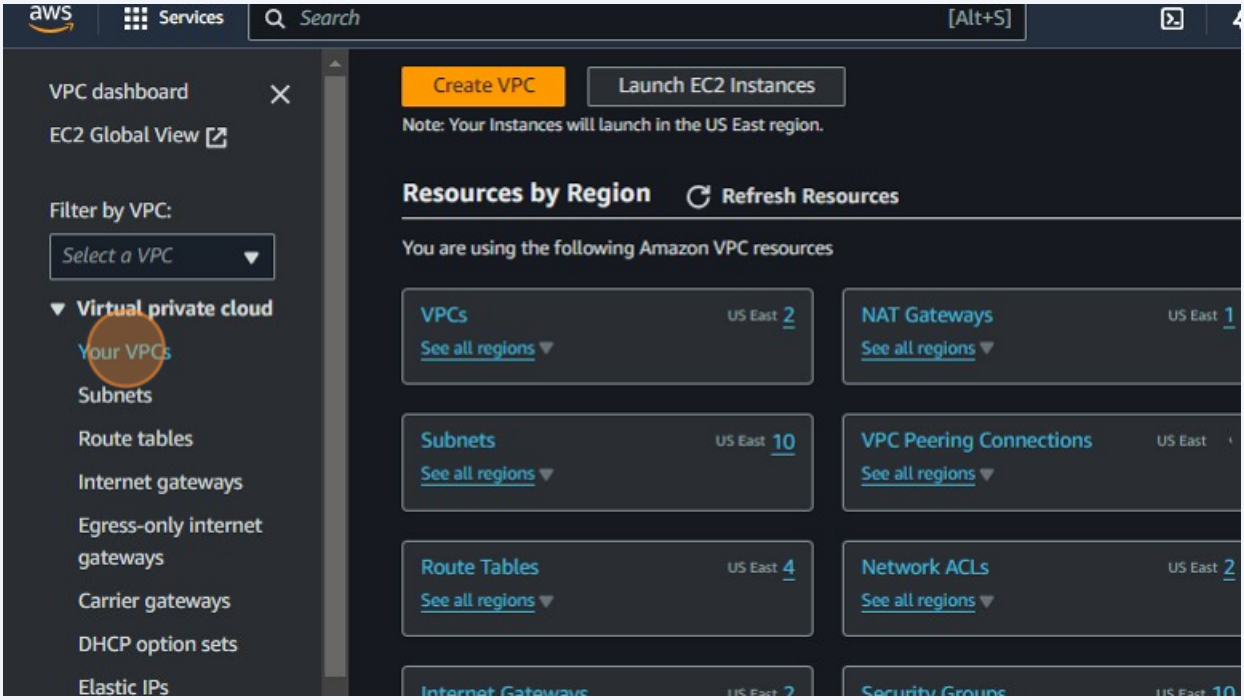
157 Click "2 subnets"



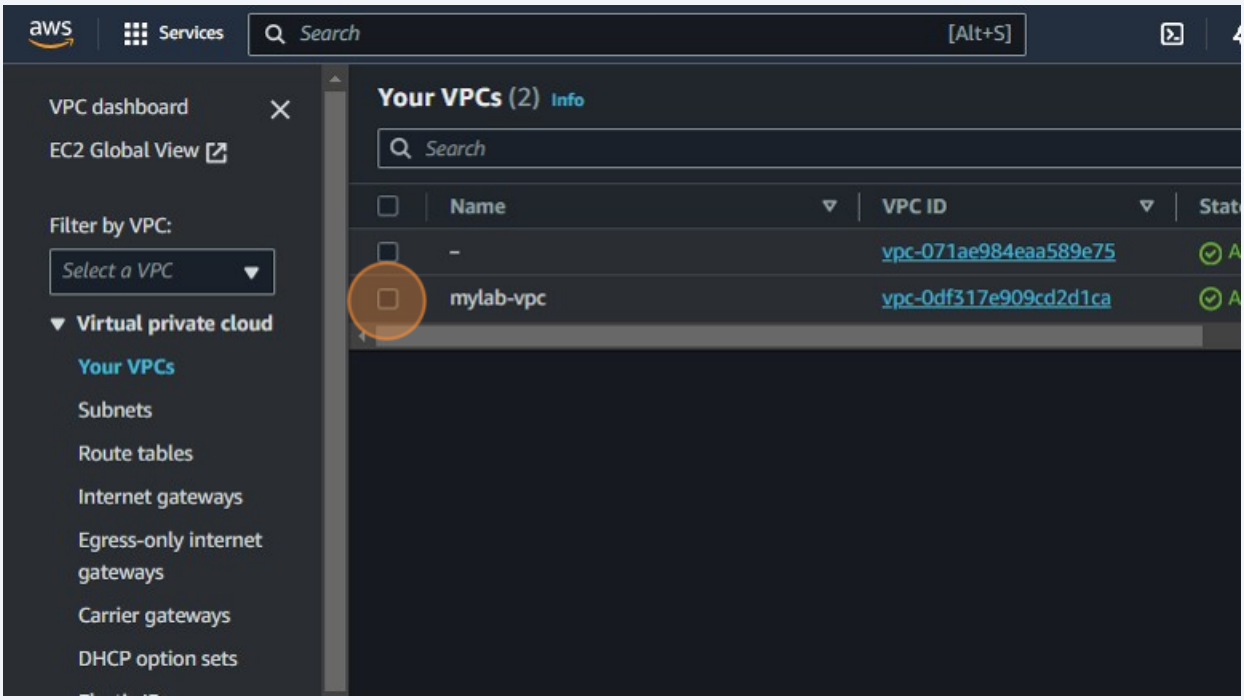
158 Click "Security groups"



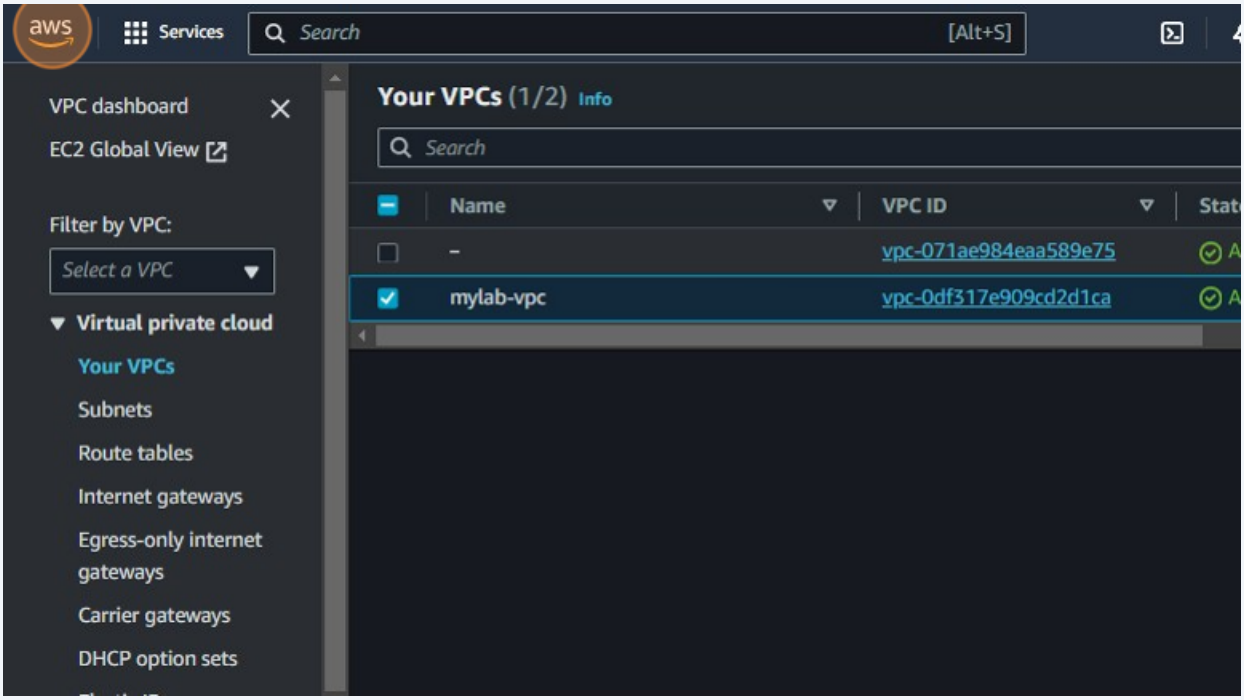
159 Click "Your VPCs"



160 Click this checkbox.

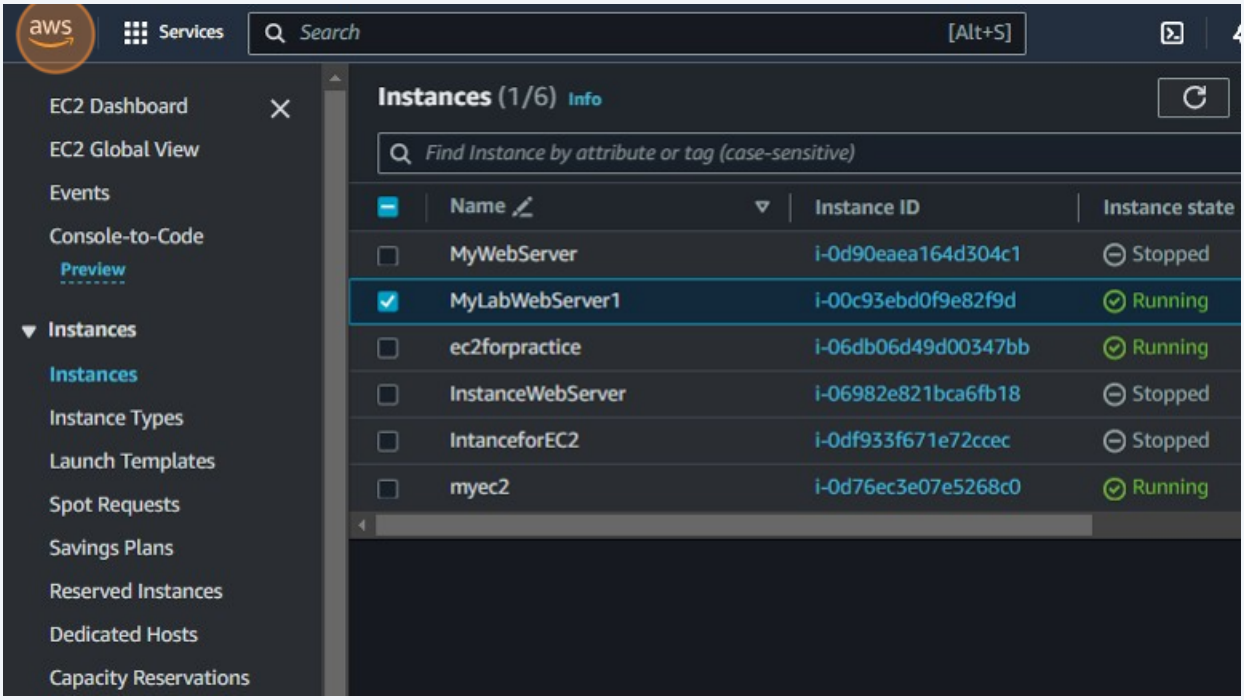


161 Click this link.

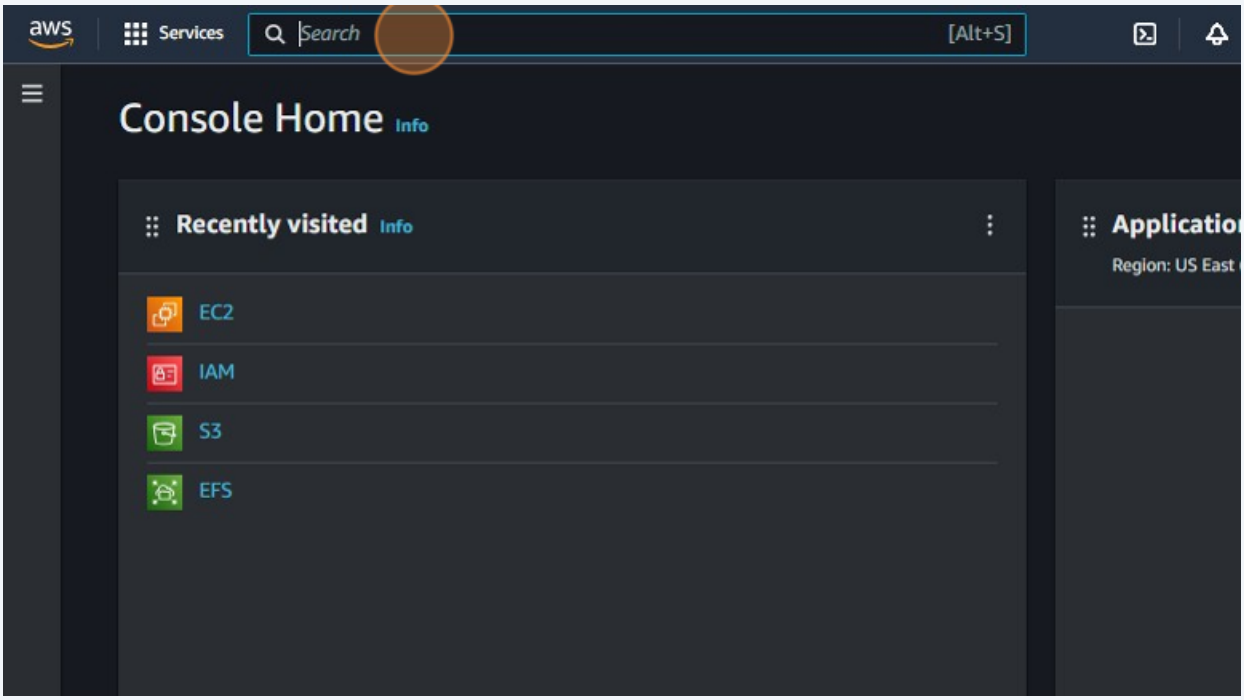


162 Navigate to https://us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:v=3;$case=tags:true%5C,client:false;$regex=tags:false%5C,client:false

163 Click this link.

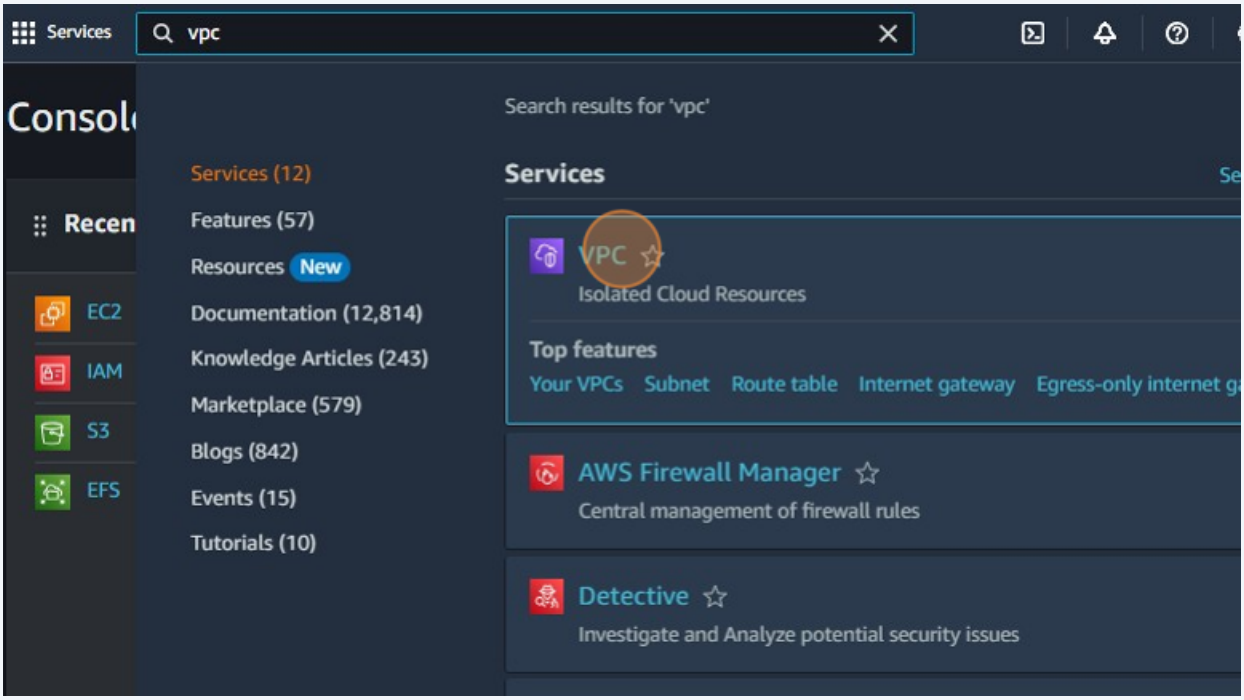


164 Click the "Search" field.

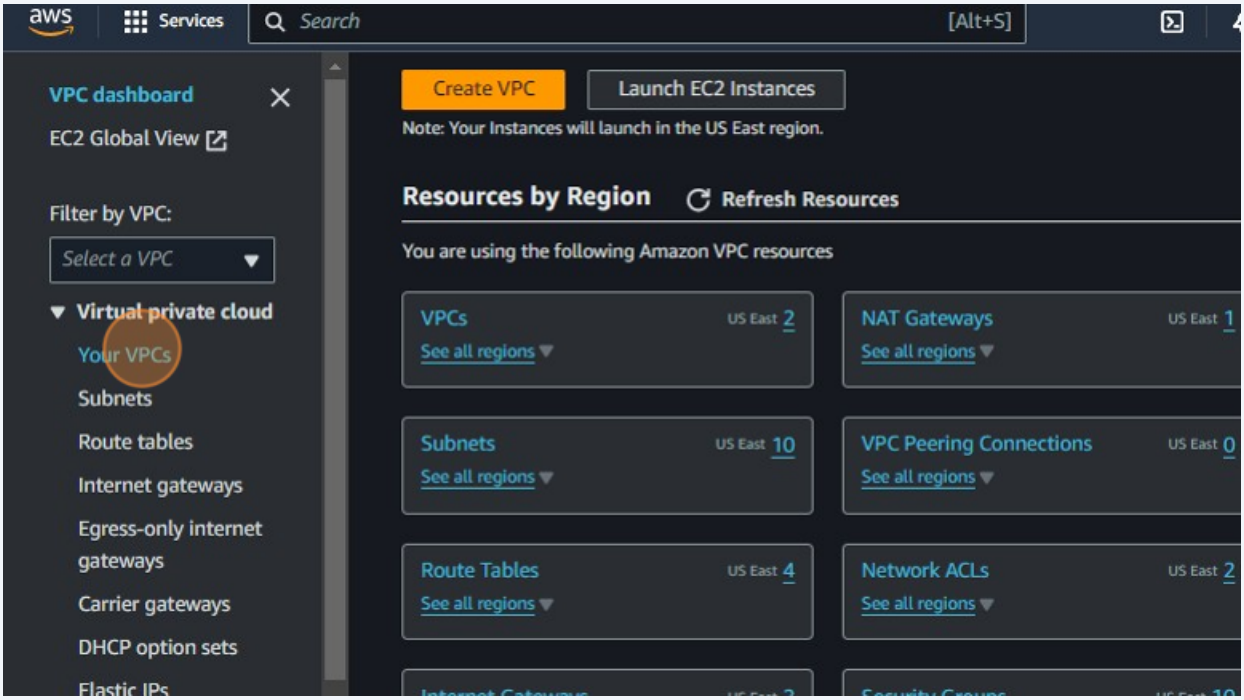


165 Type "vpc"

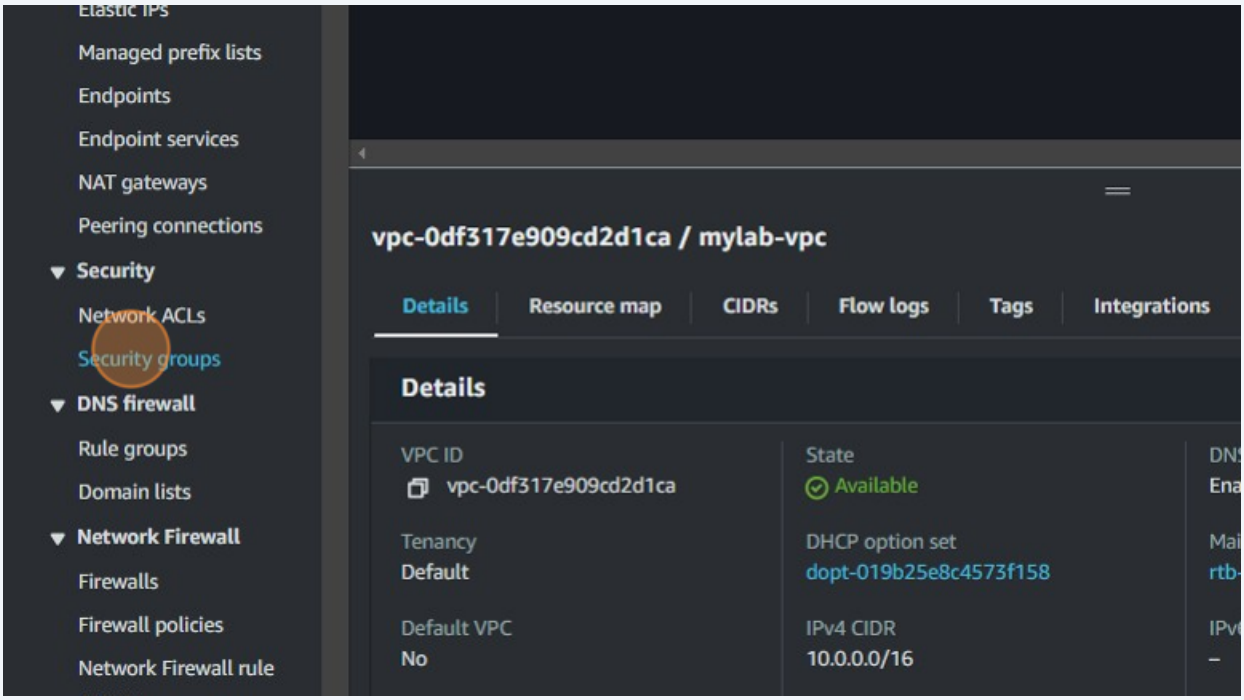
166 Click "VPC"



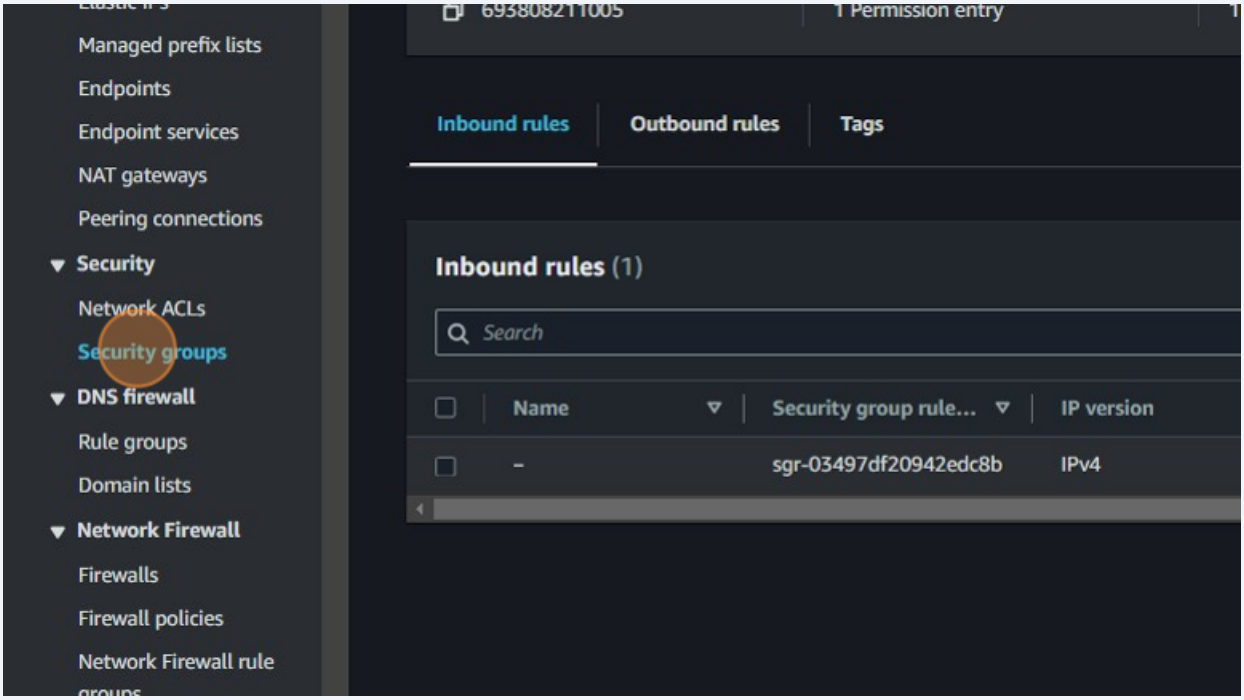
167 Click "Your VPCs"



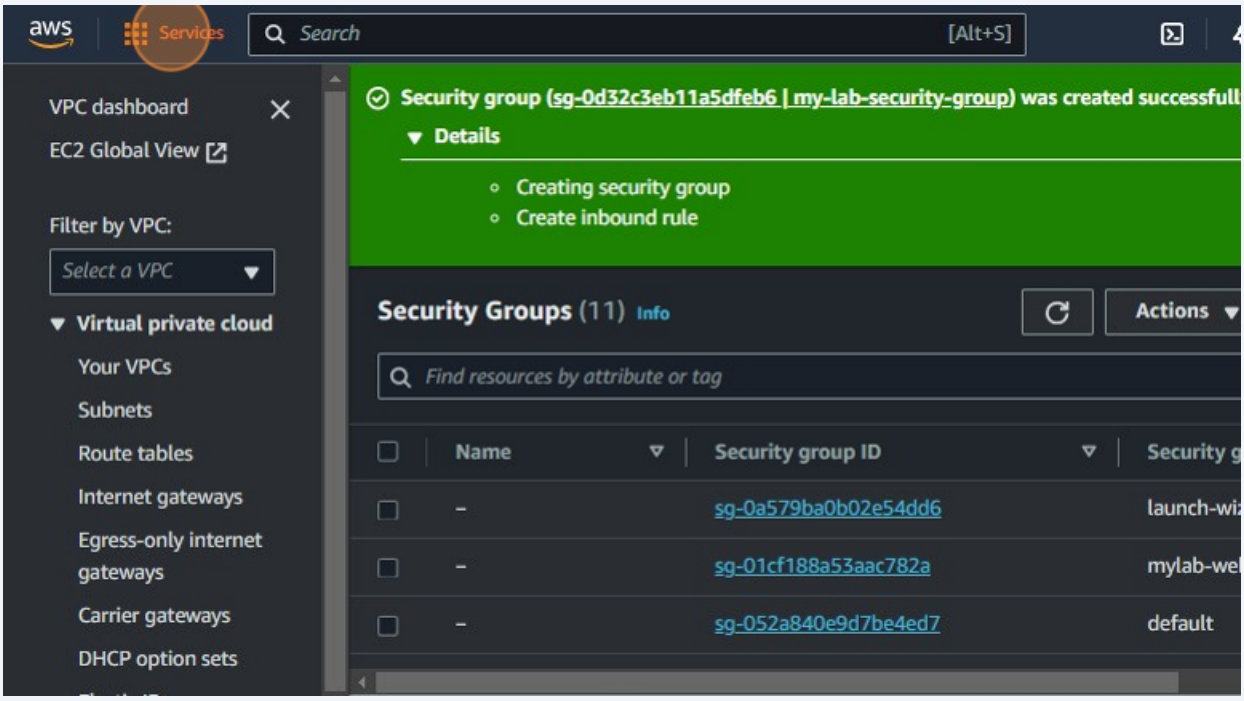
168 Click "Security groups"



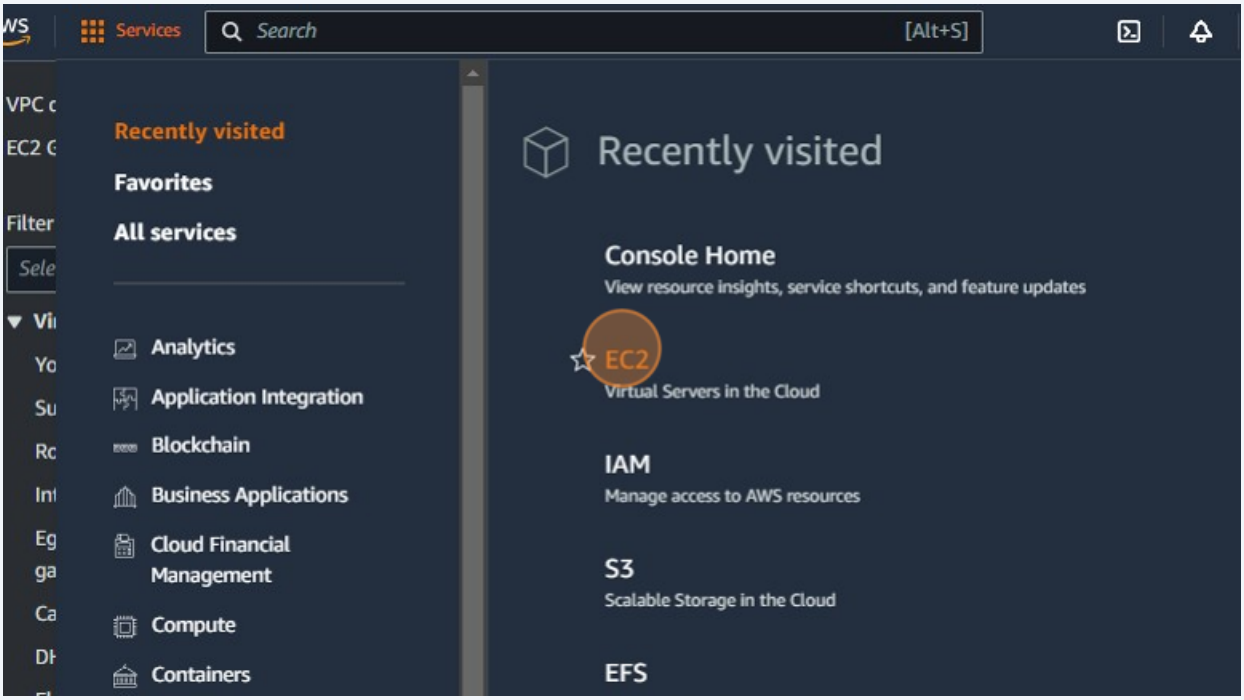
169 Click "Security groups"



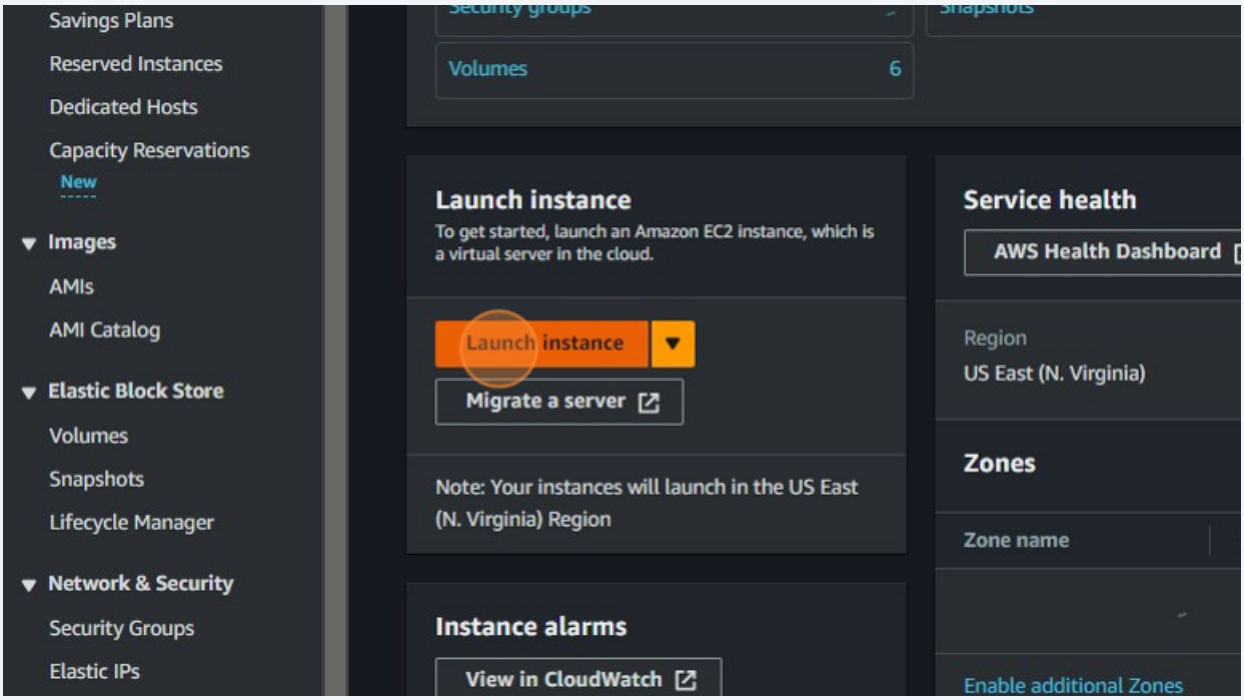
170 Click "Services"



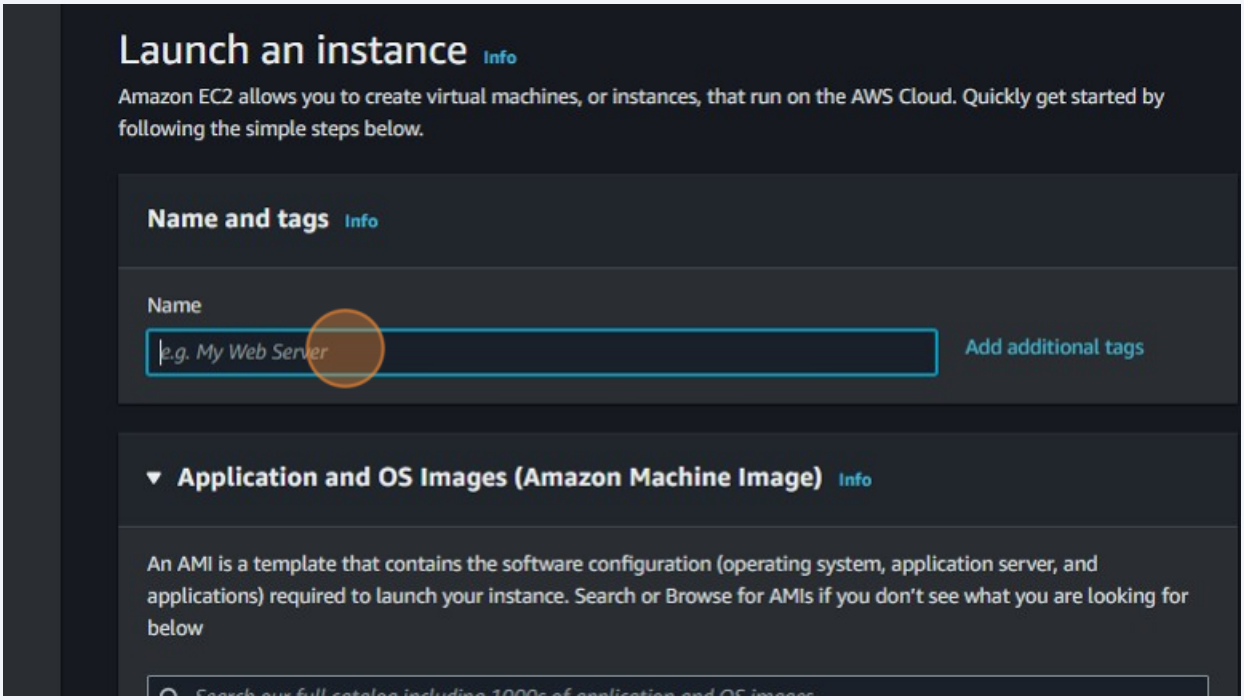
171 Click "EC2"



172 Click "Launch instance"

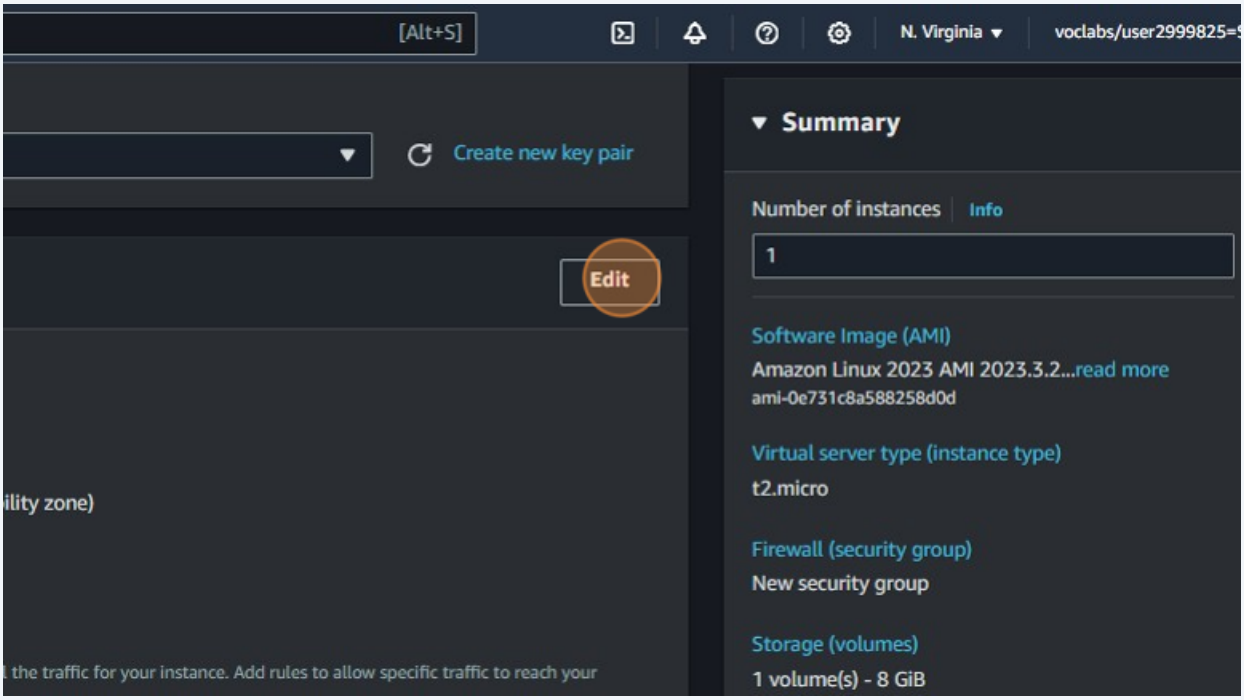


173 Click the "Name" field.

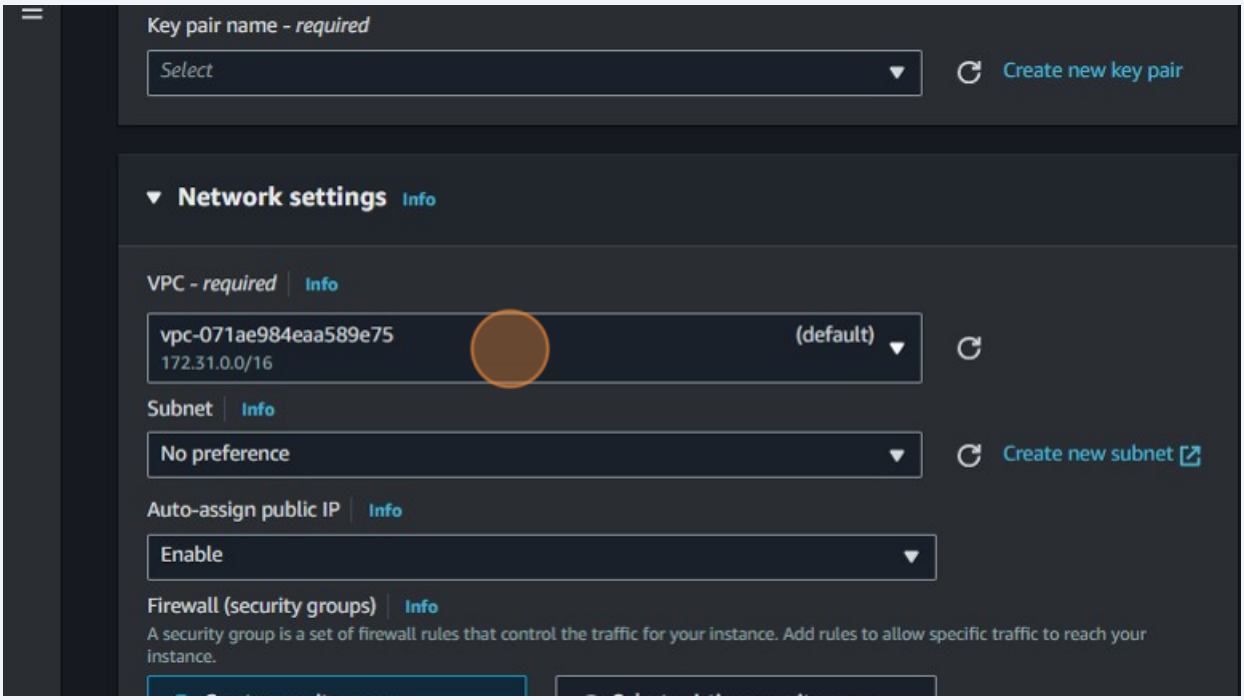


174 Type "my-lab-webserver"

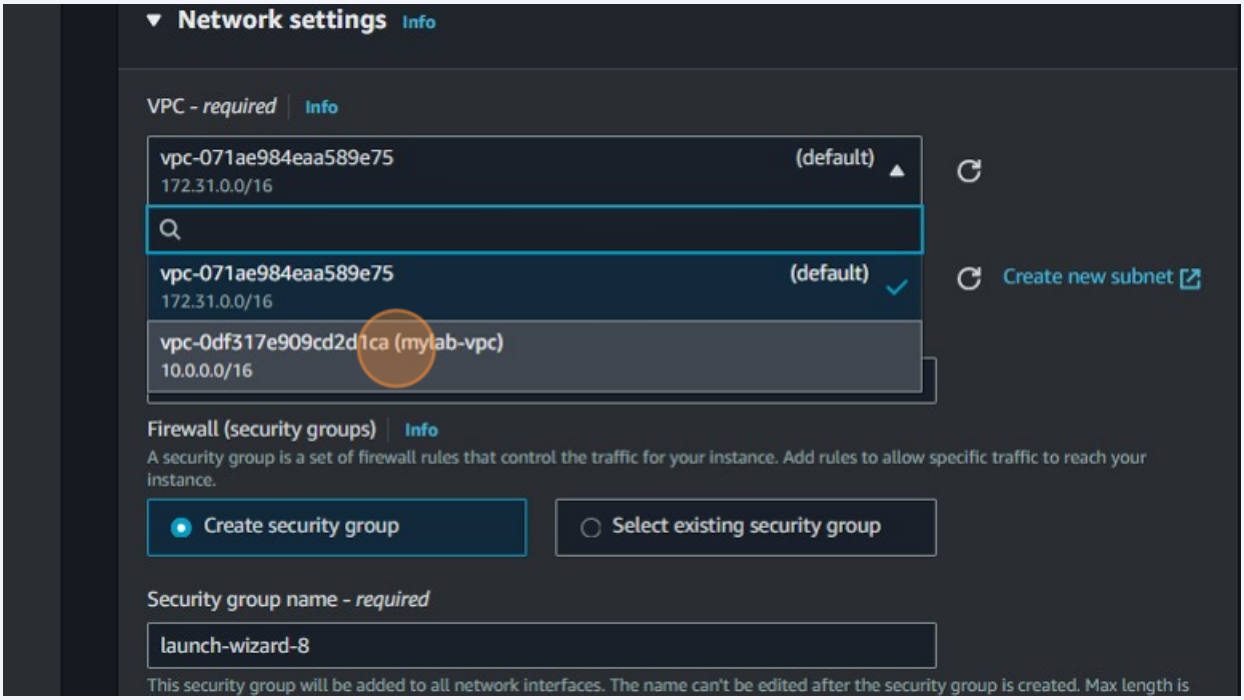
175 Click "Edit"



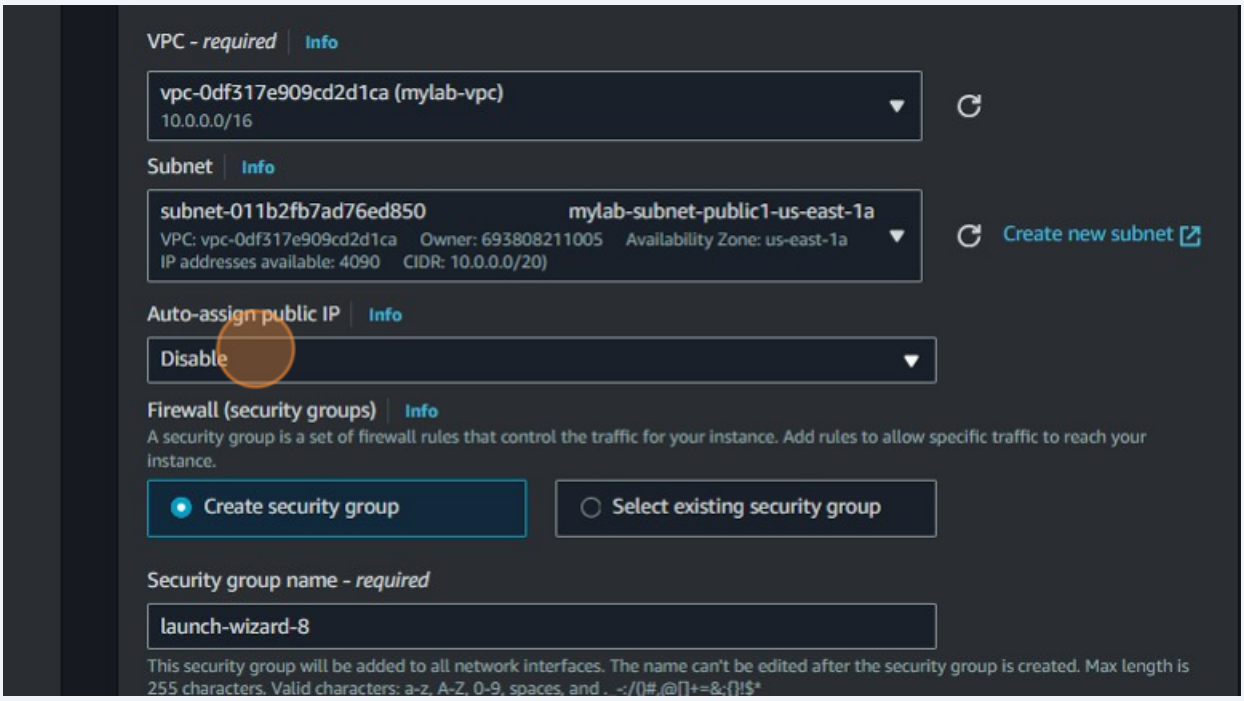
176 Click "172.31.0.0/16"



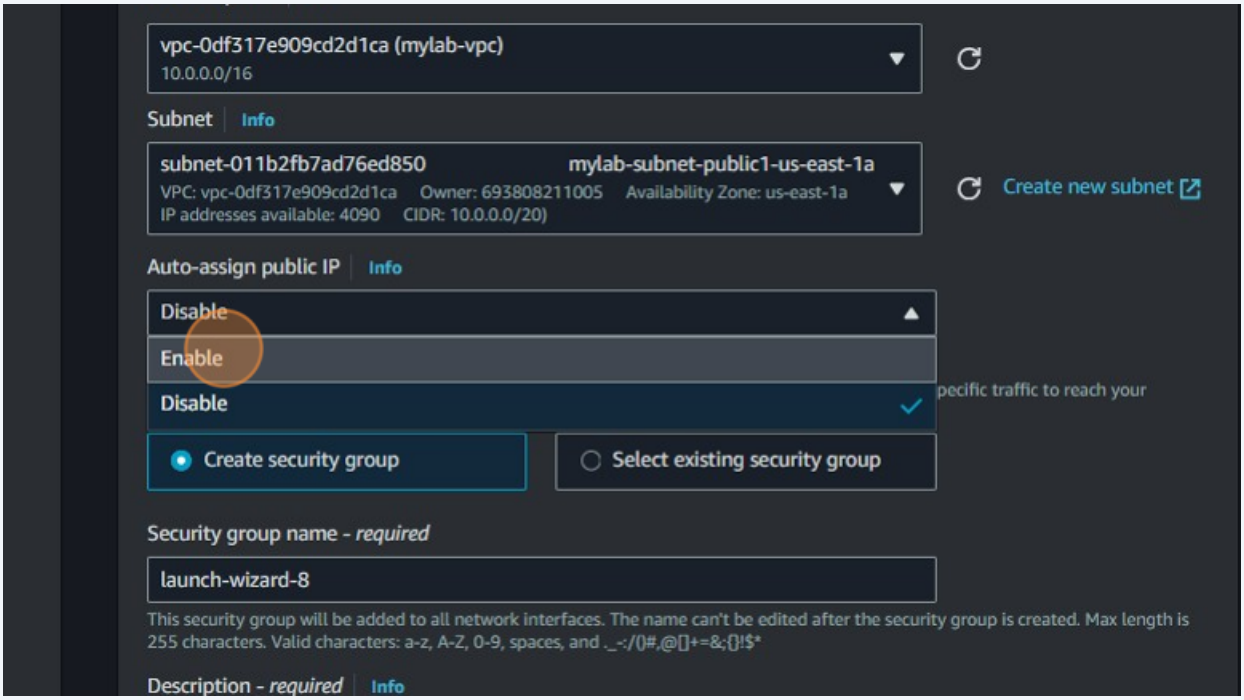
177 Click "vpc-0df317e909cd2d1ca (mylab-vpc)"



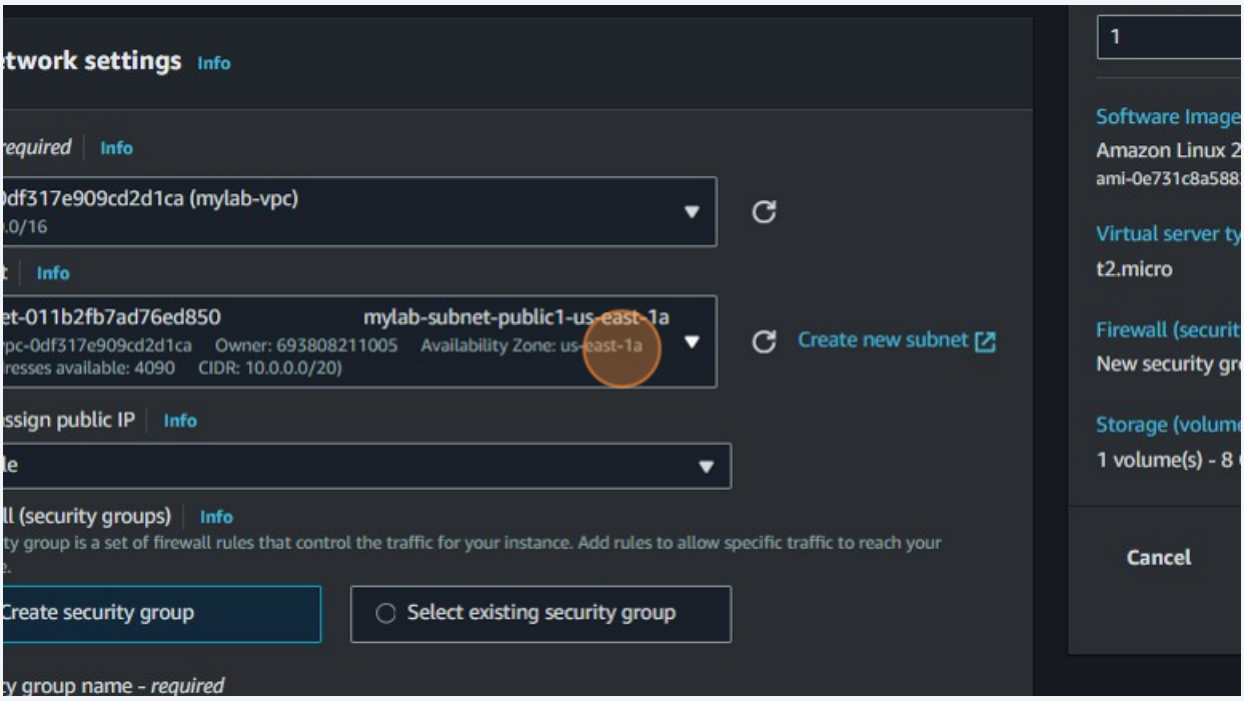
178 Click "Disable"



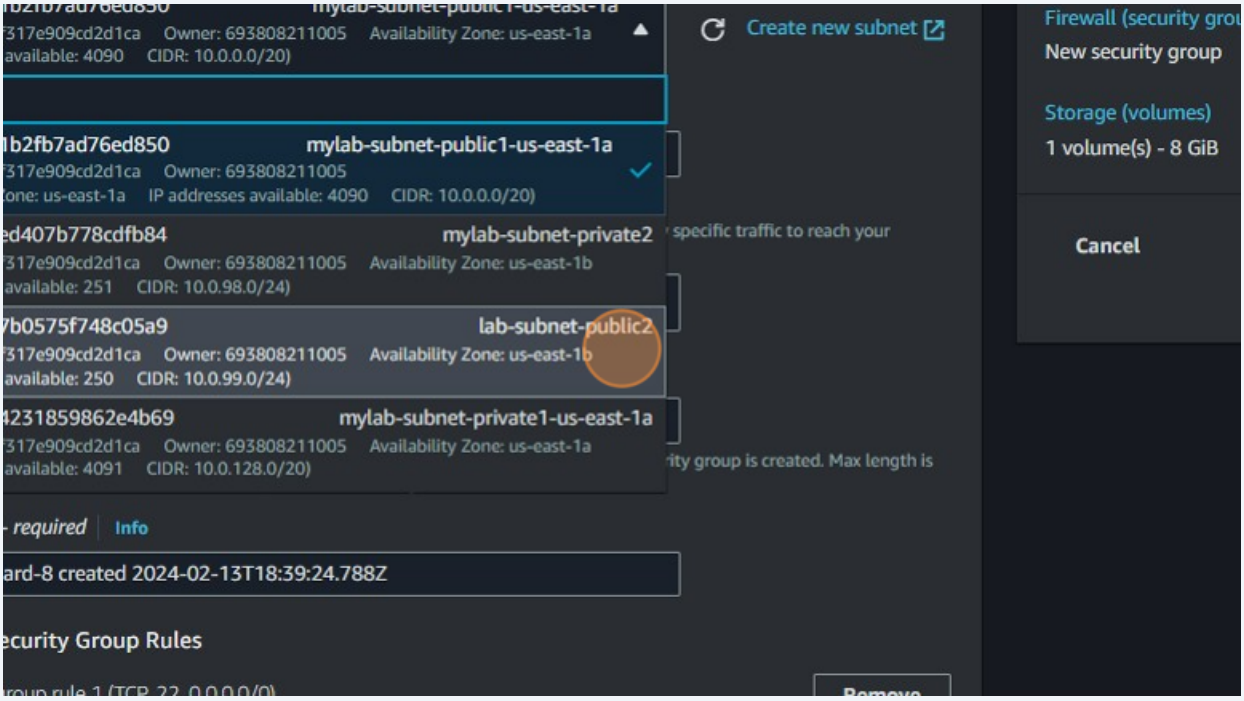
179 Click "Enable"



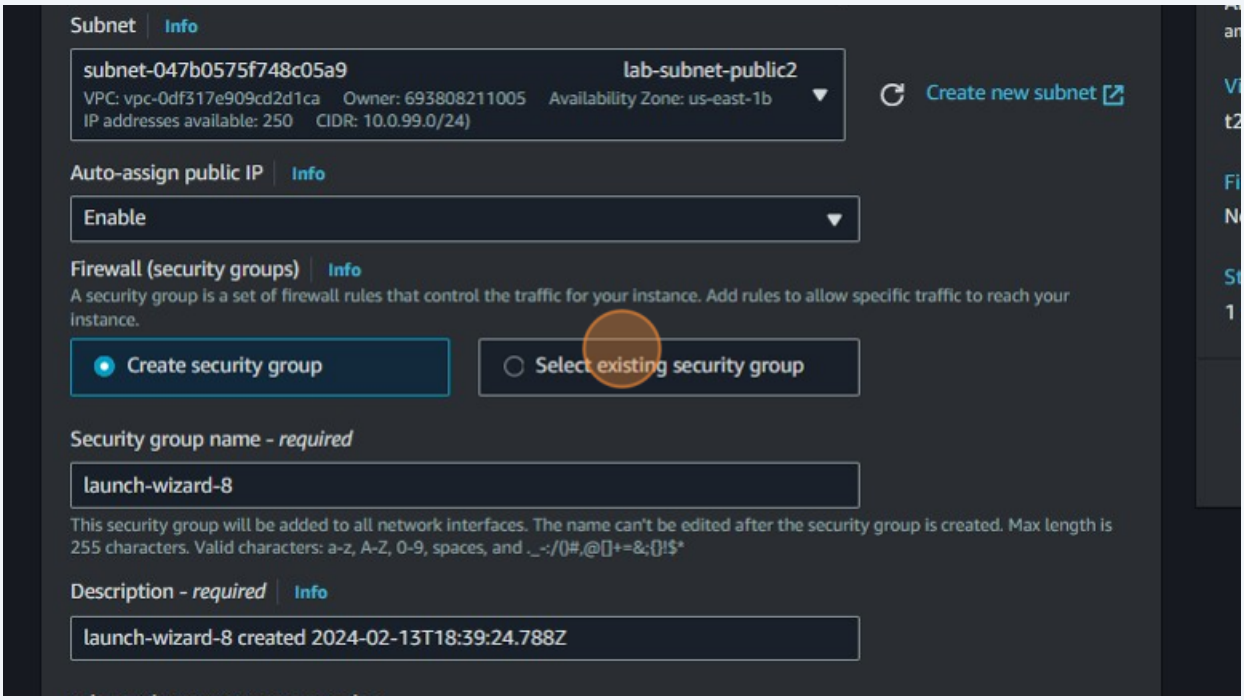
180 Click "Availability Zone: us-east-1a"



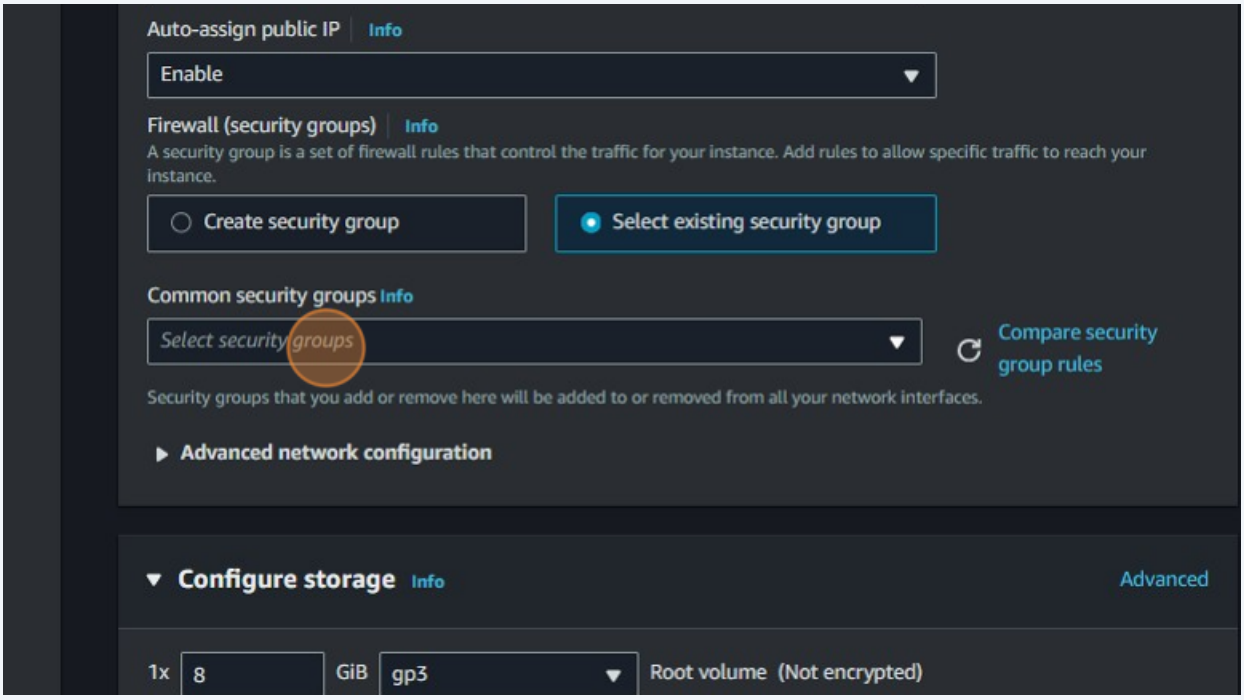
181 Click "VPC: vpc-0df317e909cd2d1ca
Owner: 693808211005
Availability Zone: us-east-1b
IP addresses available: 250
CIDR: 10.0.99.0/24)"



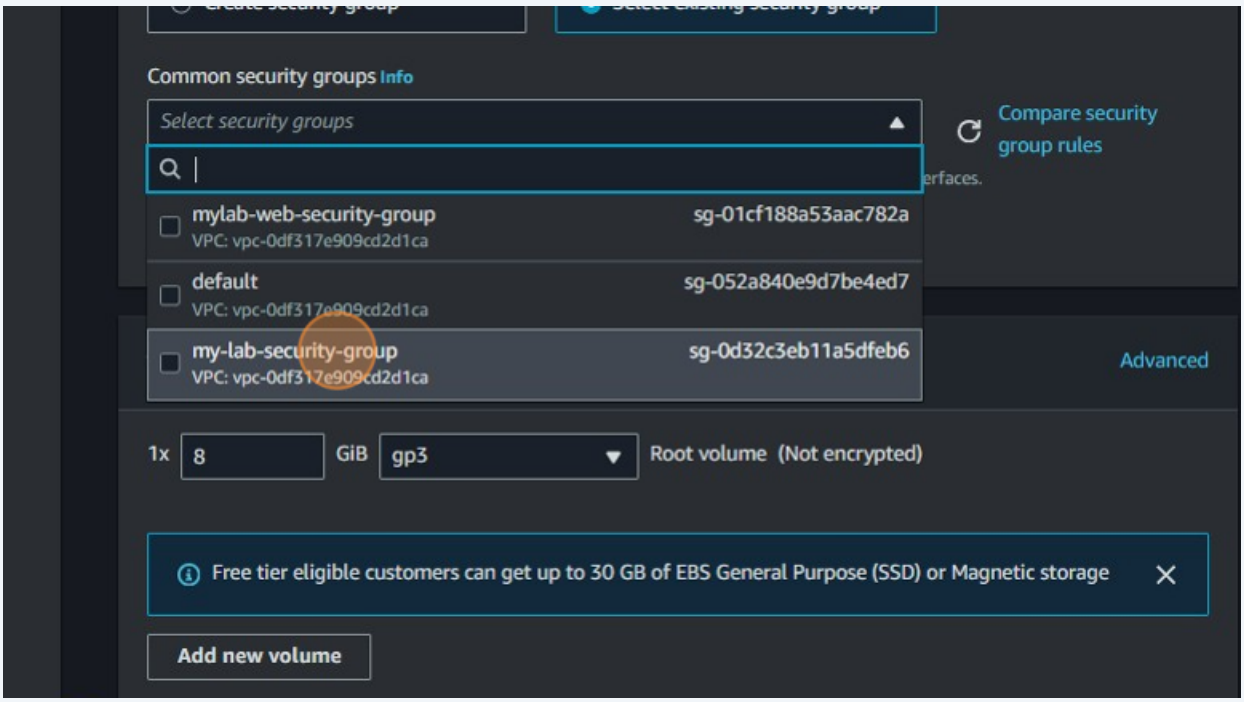
182 Click "Select existing security group"



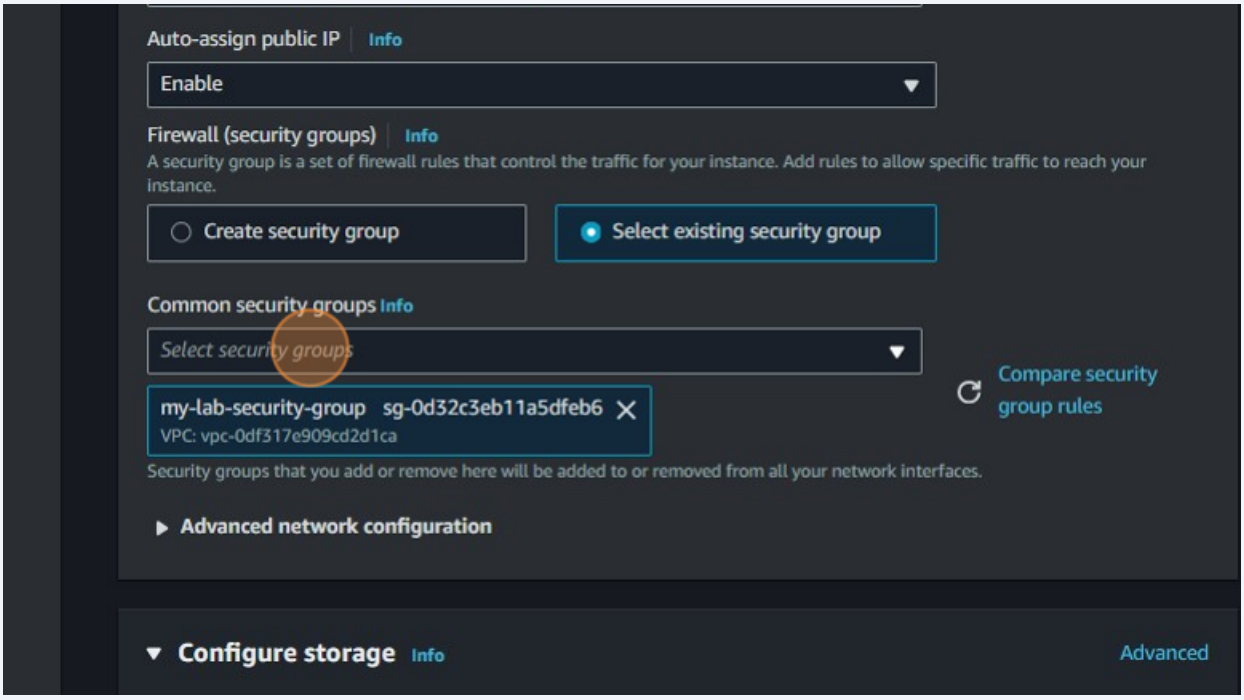
183 Click "Select security groups"



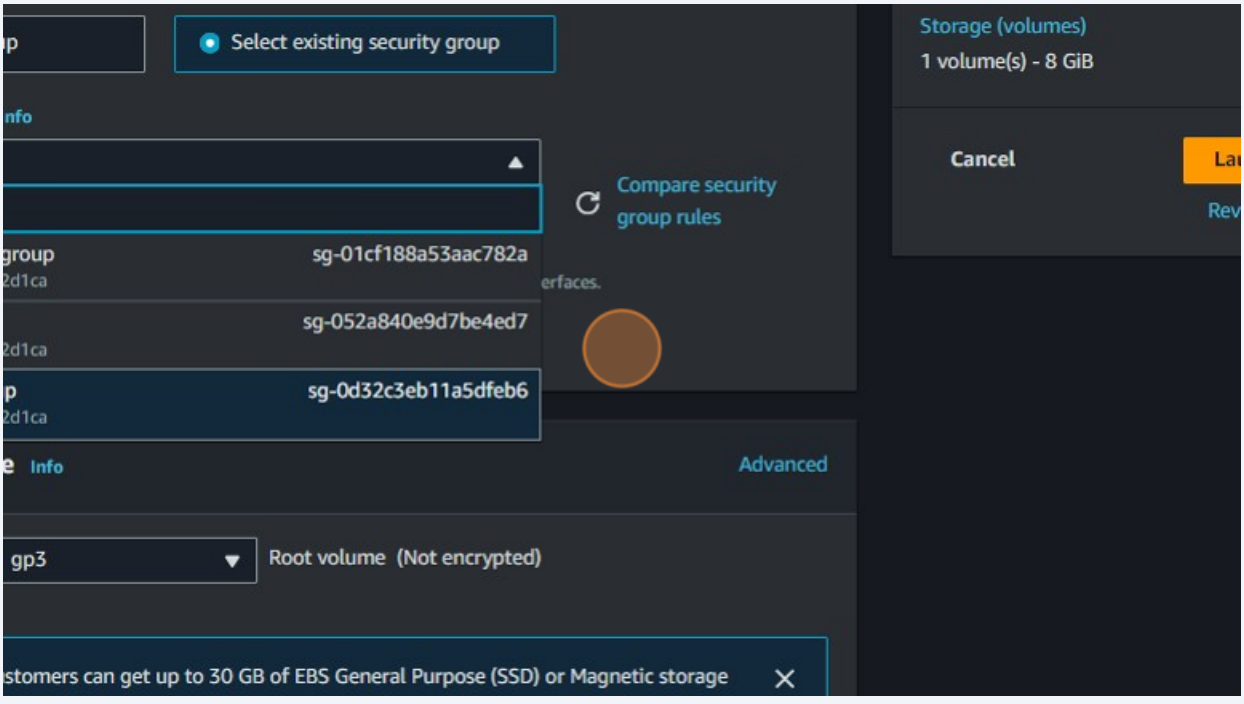
184 Click "my-lab-security-group"



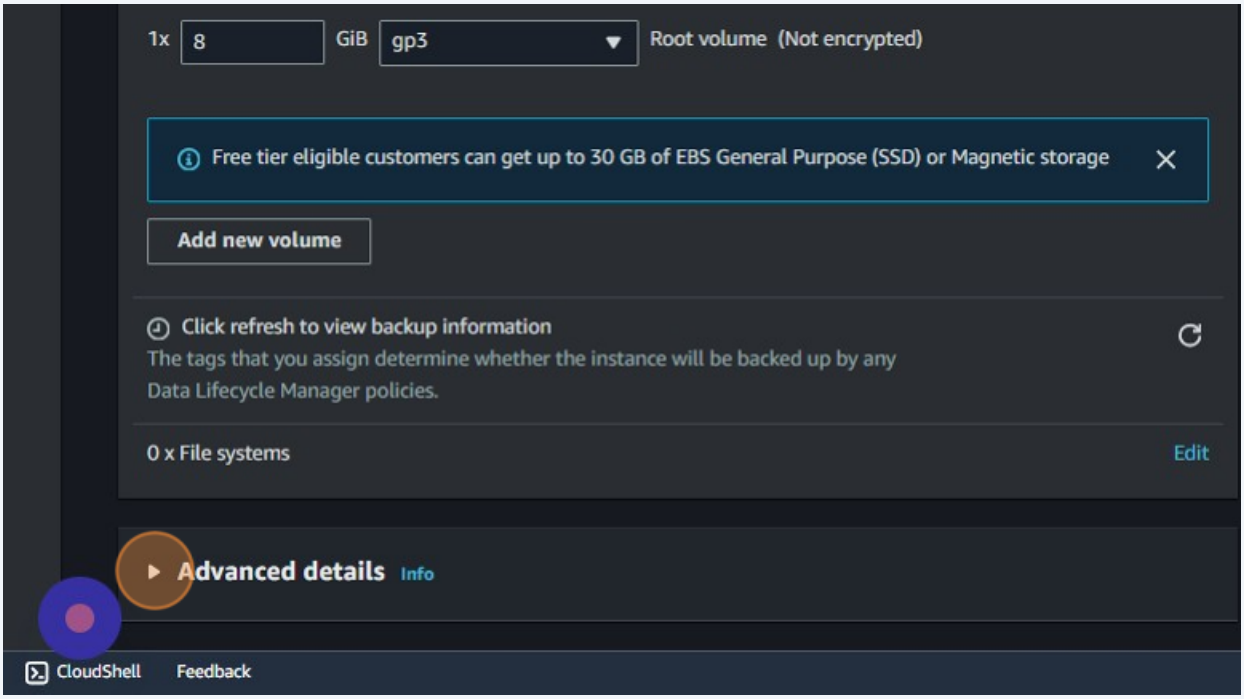
185 Click "Select security groups"



186 Click here.

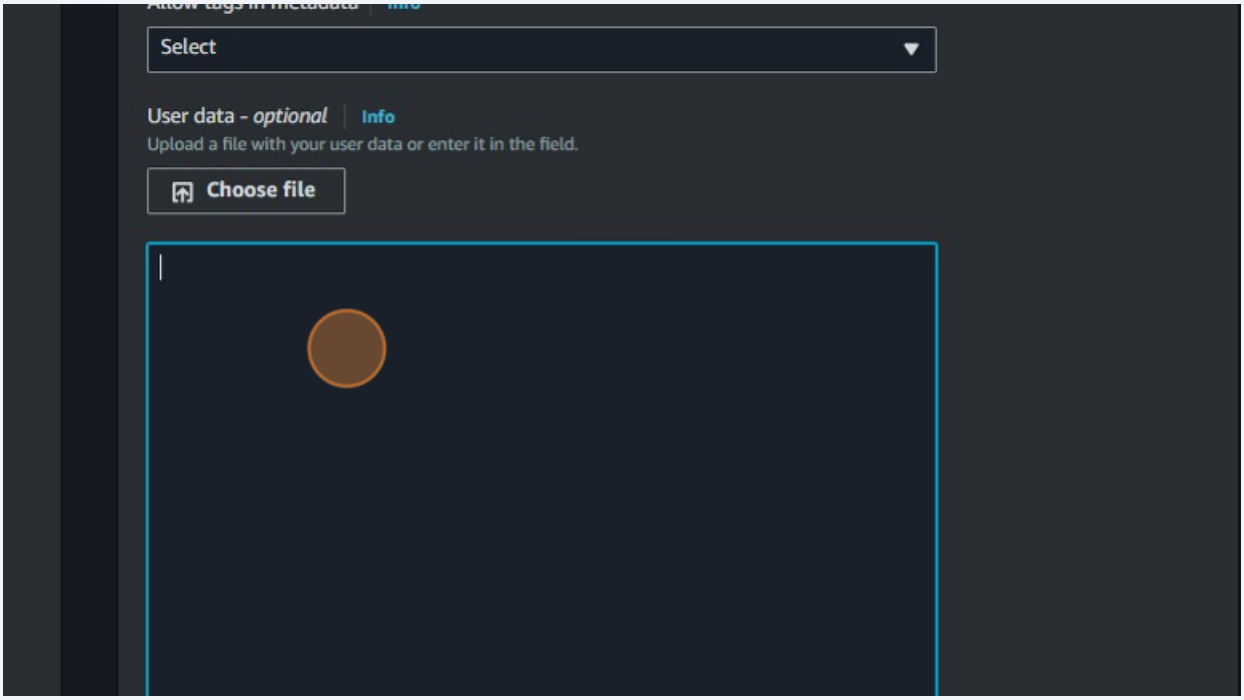


187 Click here.



188 Switch to tab "Workbench - Vocareum"

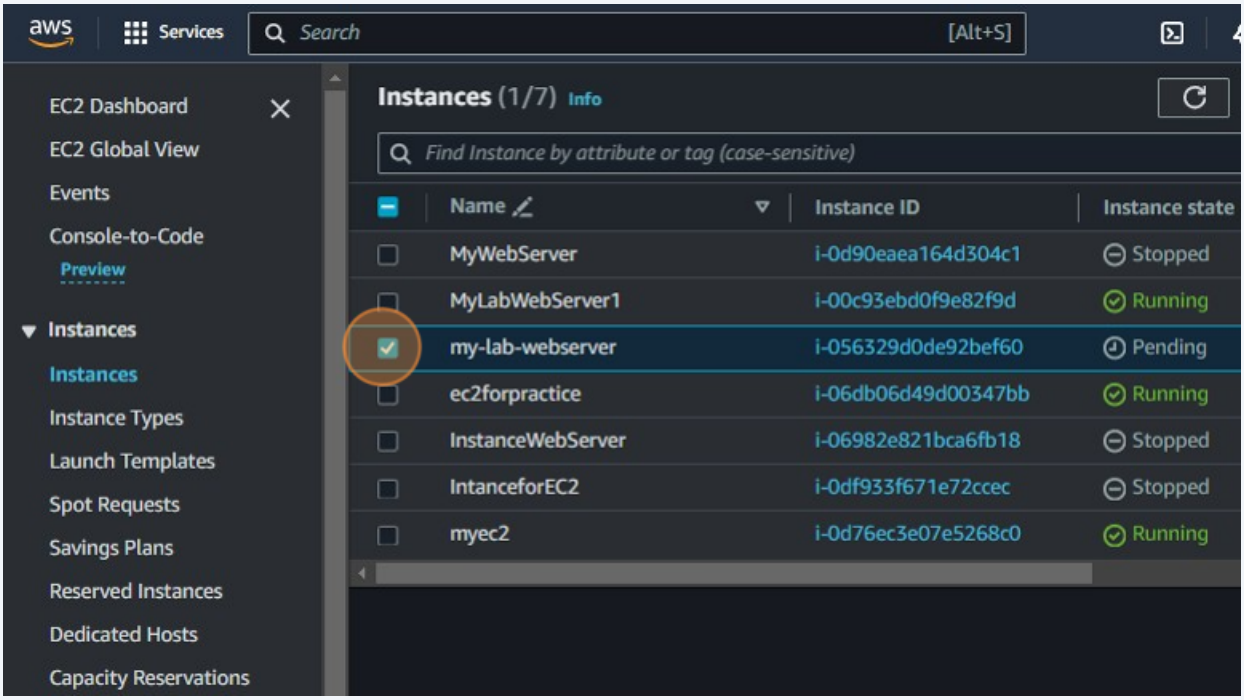
189 Click the "User data - optional" field.



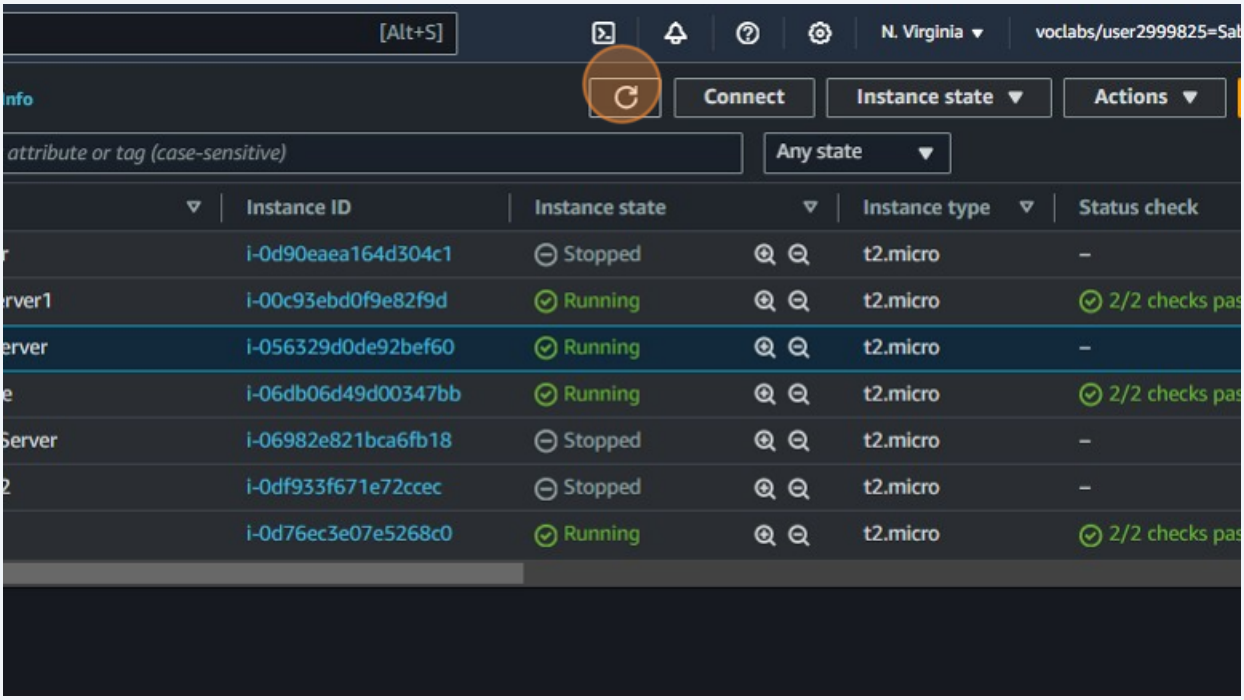
190 Click the "User data - optional" field.

191 Navigate to https://us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:v=3;$case=tags:true%5C,client:false;$regex=tags:false%5C,client:false

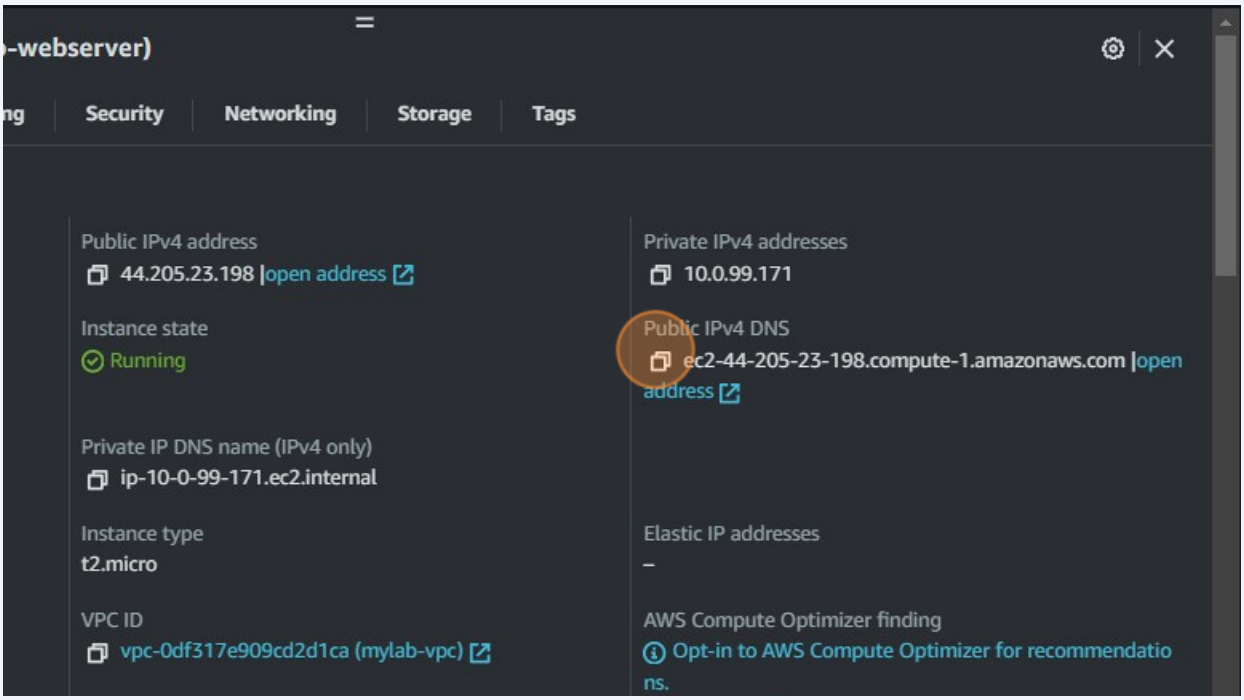
192 Click this checkbox.



193 Click here.



194 Click here.



195 In a new tab, navigate to http://ec2-44-205-23-198.compute-1.amazonaws.com/

196 Click "Current CPU Load: 1%"