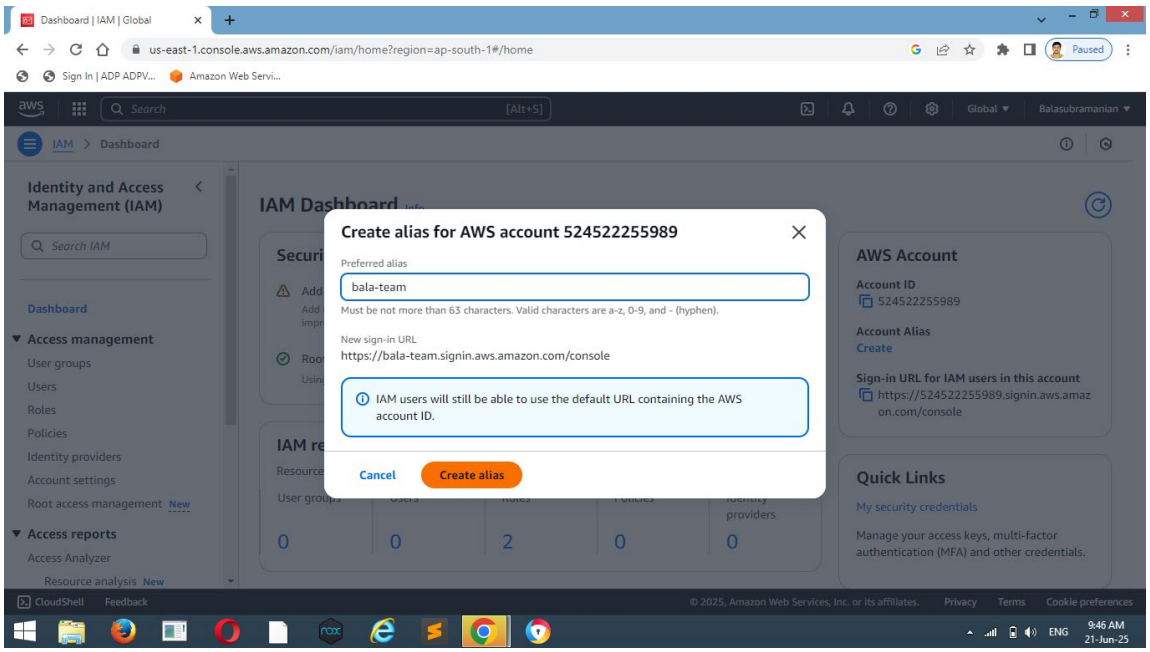
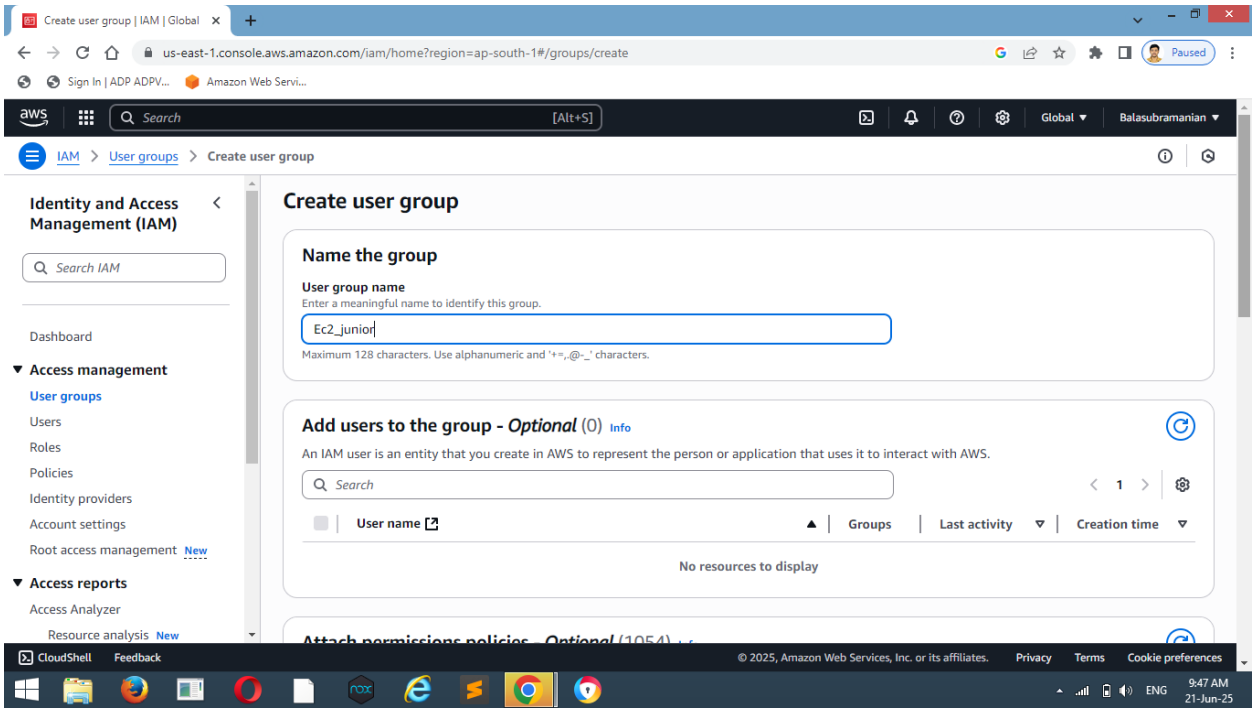
CREATE IAM USERS AND USER GROUPS – TO ADD USERS IN THE USER GROUPS AND CREATE LOGIN CREDENTIALS WITH PERMISSIONS

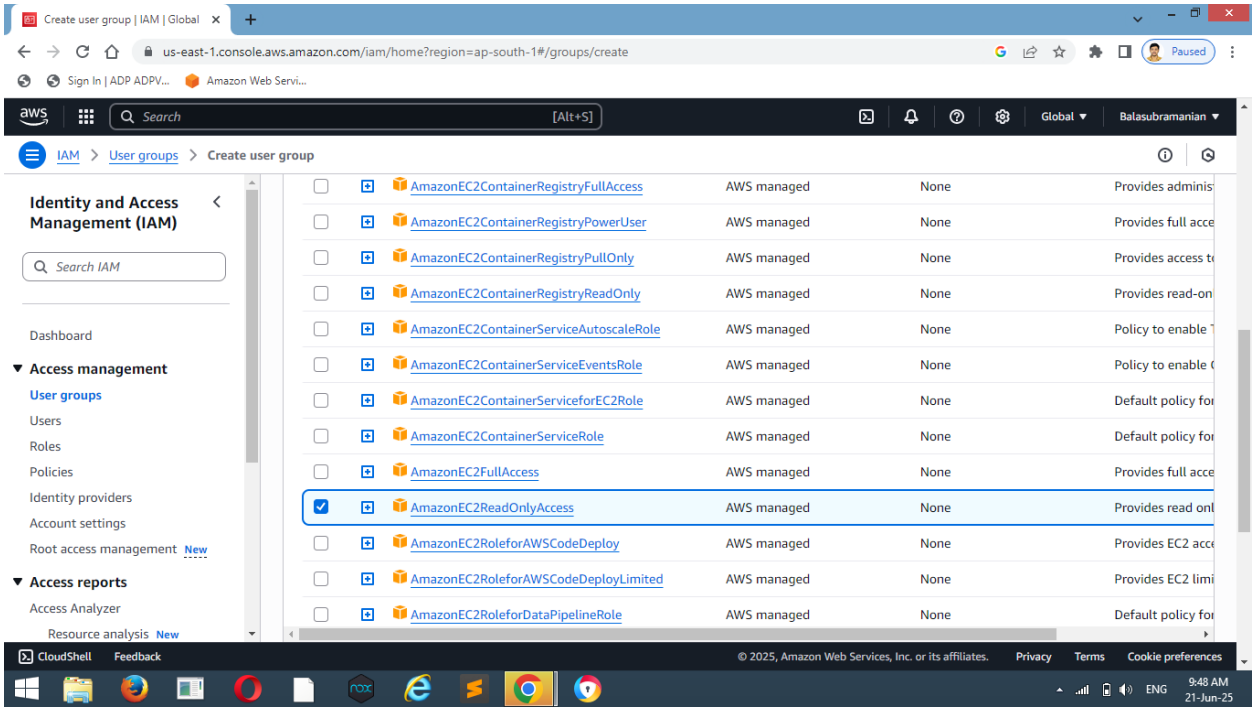
STEP 1: GO TO "IAM" CONSOLE AND CREATE ALIAS NAME FOR AWS ACCOUNT – I WILL GIVE NAME AS "bala-team"



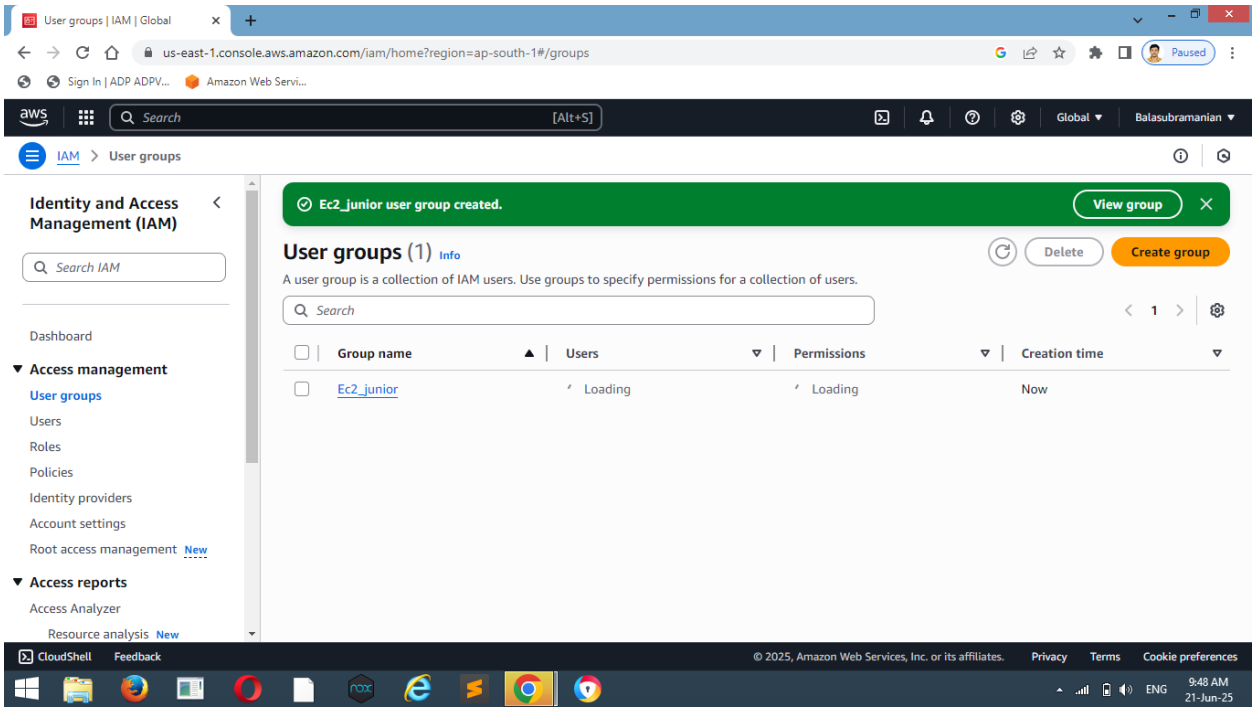
STEP 2: CREATE USER GROUP – I WILL CREATE NAME AS EC2_JUNIOR IN GROUP NAME



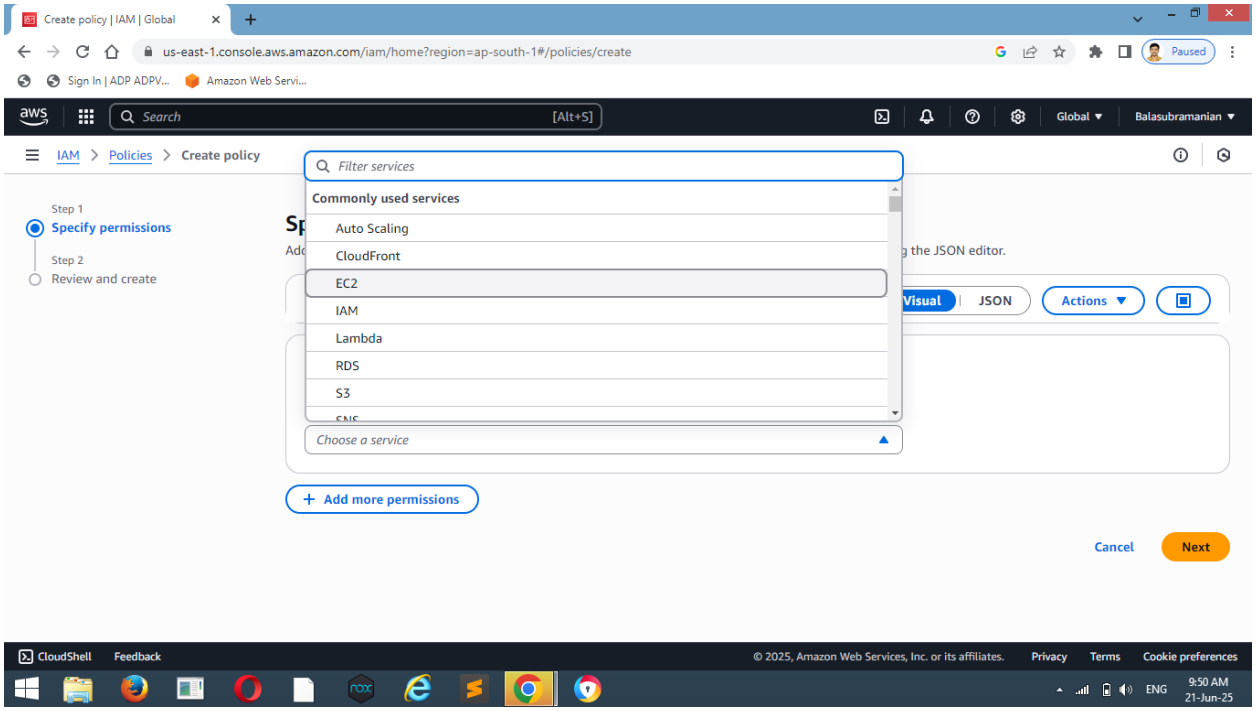
STEP 3: I WILL GIVE "AMAZON EC2 READ ONLY ACCESS" IN EC2_JUNIOR GROUP



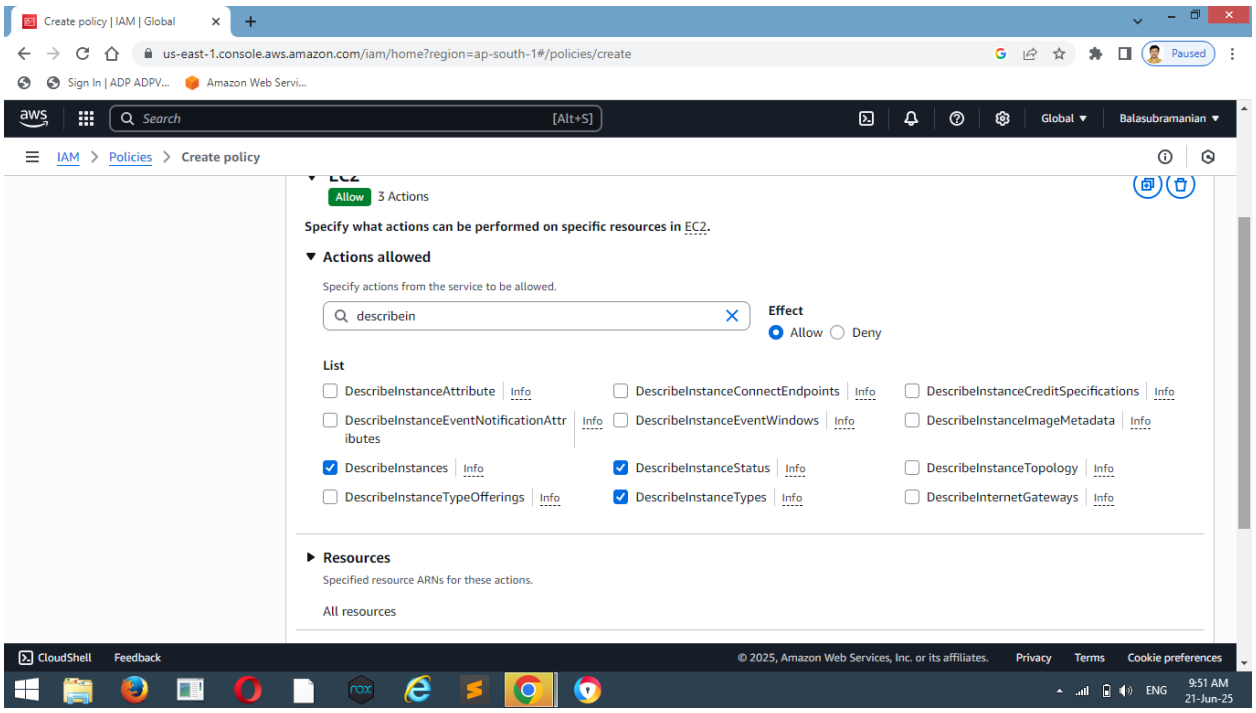
STEP 4: EC2_JUNIOR USER GROUP IS CREATED SUCCESSFULLY

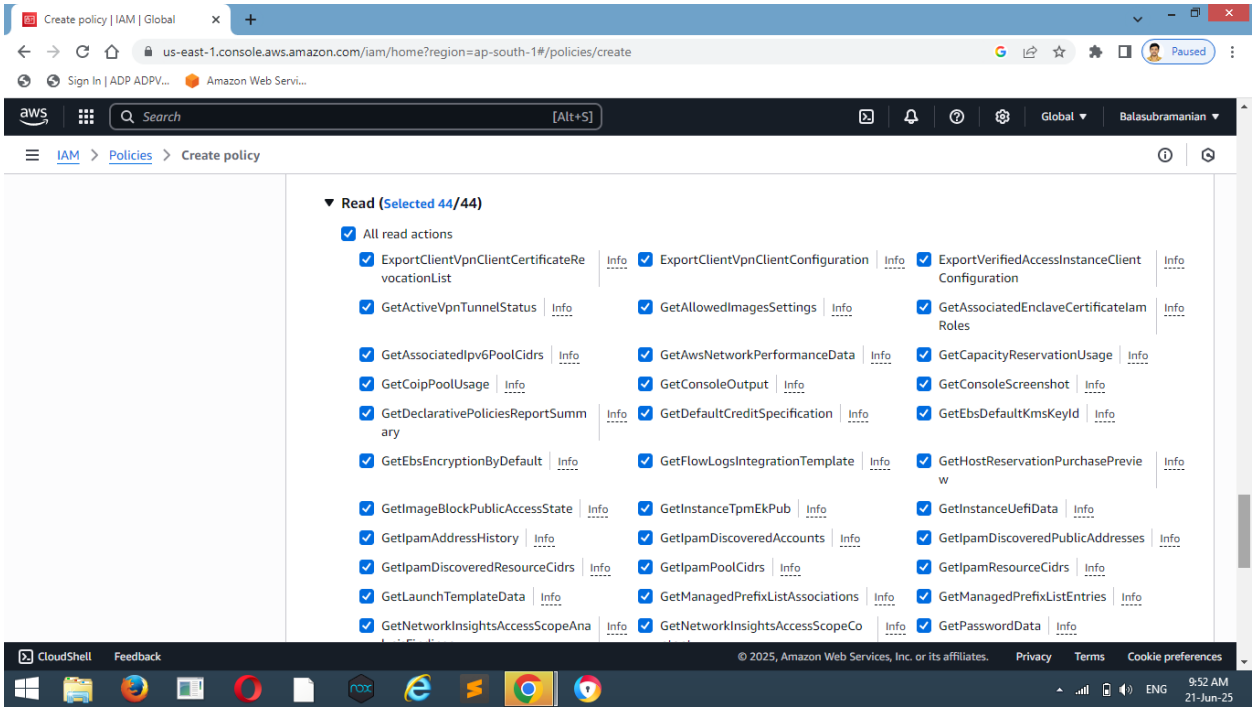


STEP 5: I WILL CREATE POLICIES IN IAM CONSOLE – I SELECTING A SERVICE AS EC2



STEP 6: SOME PERMISSIONS IS ADDING IN THAT POLICY FOR LIST VIEW, READ AND WRITE PERMISSIONS IS ADDED




Create policy | IAM | Global
us-east-1.console.aws.amazon.com/iam/home?region=ap-south-1#/policies/create
Search [Alt+S]
Global
Balasubramanian
IAM > Policies > Create policy
Read (Selected 44/44)
All read actions
ExportClientVpnClientCertificateRevocationList Info
ExportClientVpnClientConfiguration Info
ExportVerifiedAccessInstanceClientConfiguration Info
GetActiveVpnTunnelStatus Info
GetAllowedImagesSettings Info
GetAssociatedEnclaveCertificateIamRoles Info
GetAssociatedIpv6PoolCidrs Info
GetAwsNetworkPerformanceData Info
GetCapacityReservationUsage Info
GetCoipPoolUsage Info
GetConsoleOutput Info
GetConsoleScreenshot Info
GetDeclarativePoliciesReportSummary Info
GetDefaultCreditSpecification Info
GetEbsDefaultKmsKeyId Info
GetEbsEncryptionByDefault Info
GetFlowLogsIntegrationTemplate Info
GetHostReservationPurchasePreview Info
GetImageBlockPublicAccessState Info
GetInstanceTpmEkPub Info
GetInstanceUefiData Info
GetIpamAddressHistory Info
GetIpamDiscoveredAccounts Info
GetIpamDiscoveredPublicAddresses Info
GetIpamDiscoveredResourceCidrs Info
GetIpamPoolCidrs Info
GetIpamResourceCidrs Info
GetLaunchTemplateData Info
GetManagedPrefixListAssociations Info
GetManagedPrefixListEntries Info
GetNetworkInsightsAccessScopeAna Info
GetNetworkInsightsAccessScopeCo Info
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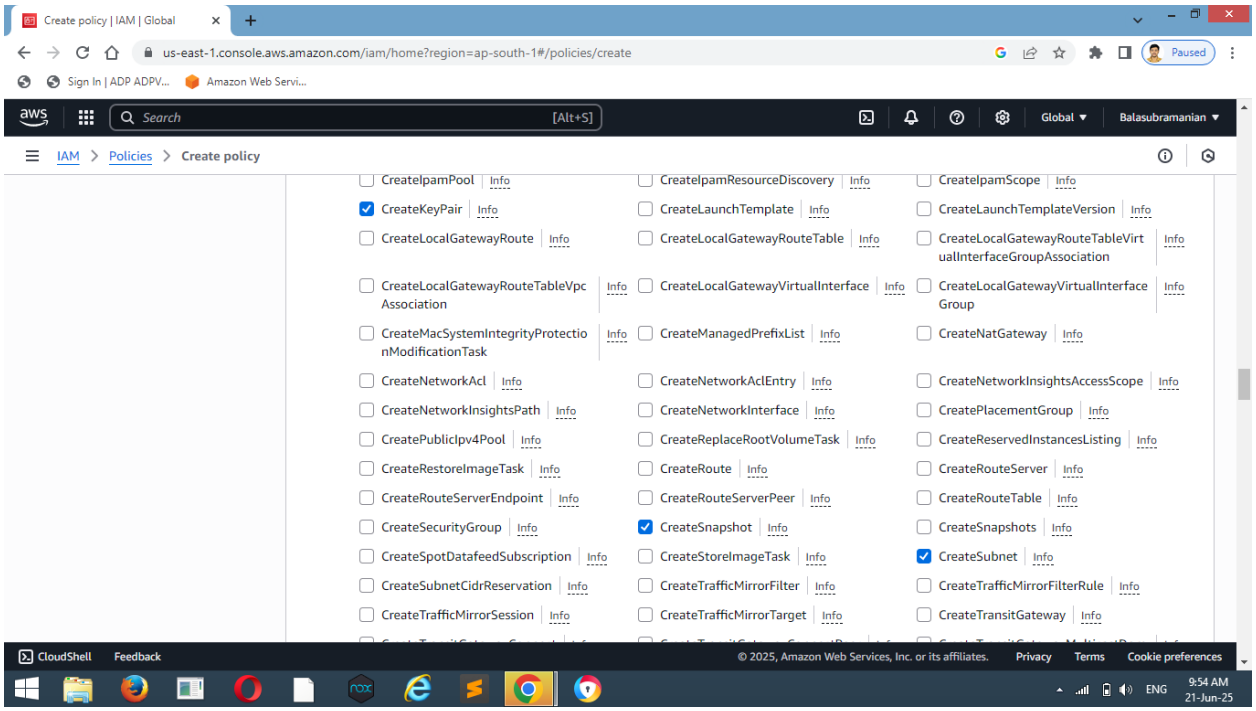
21-Jun-25


Create policy | IAM | Global
us-east-1.console.aws.amazon.com/iam/home?region=ap-south-1#/policies/create
Search [Alt+S]
Global
Balasubramanian
IAM > Policies > Create policy
CreateIpamPool Info
CreateIpamResourceDiscovery Info
CreateIpamScope Info
CreateKeyPair Info
CreateLaunchTemplate Info
CreateLaunchTemplateVersion Info
CreateLocalGatewayRoute Info
CreateLocalGatewayRouteTable Info
CreateLocalGatewayRouteTableVirtualInterfaceGroupAssociation Info
CreateLocalGatewayRouteTableVpcAssociation Info
CreateLocalGatewayVirtualInterface Info
CreateLocalGatewayVirtualInterfaceGroup Info
CreateMacSystemIntegrityProtectionModificationTask Info
CreateManagedPrefixList Info
CreateNatGateway Info
CreateNetworkAcl Info
CreateNetworkAclEntry Info
CreateNetworkInsightsAccessScope Info
CreateNetworkInsightsPath Info
CreateNetworkInterface Info
CreatePlacementGroup Info
CreatePublicIpv4Pool Info
CreateReplaceRootVolumeTask Info
CreateReservedInstancesListing Info
CreateRestoreImageTask Info
CreateRoute Info
CreateRouteServer Info
CreateRouteServerEndpoint Info
CreateRouteServerPeer Info
CreateRouteTable Info
CreateSecurityGroup Info
CreateSnapshot Info
CreateSnapshots Info
CreateSpotDatafeedSubscription Info
CreateStoreImageTask Info
CreateSubnet Info
CreateSubnetCidrReservation Info
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CreateTrafficMirrorFilterRule Info
CreateTrafficMirrorSession Info
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CreateTransitGateway Info
CloudShell
Feedback
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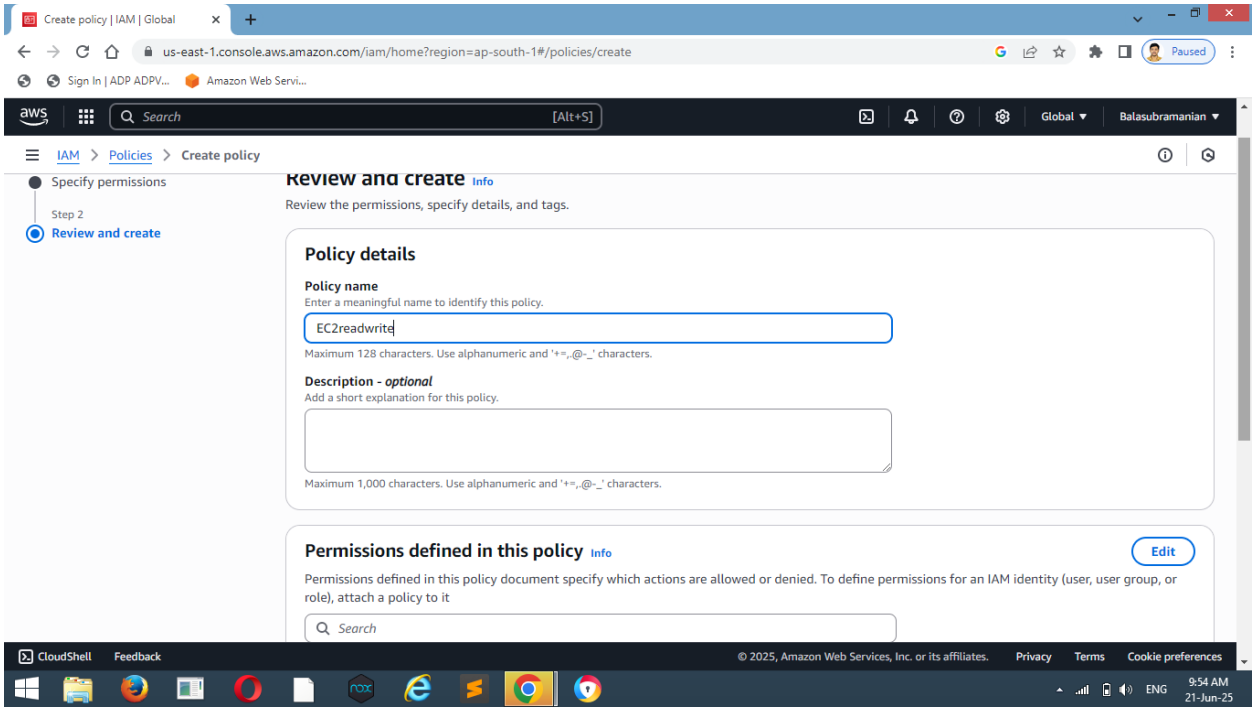
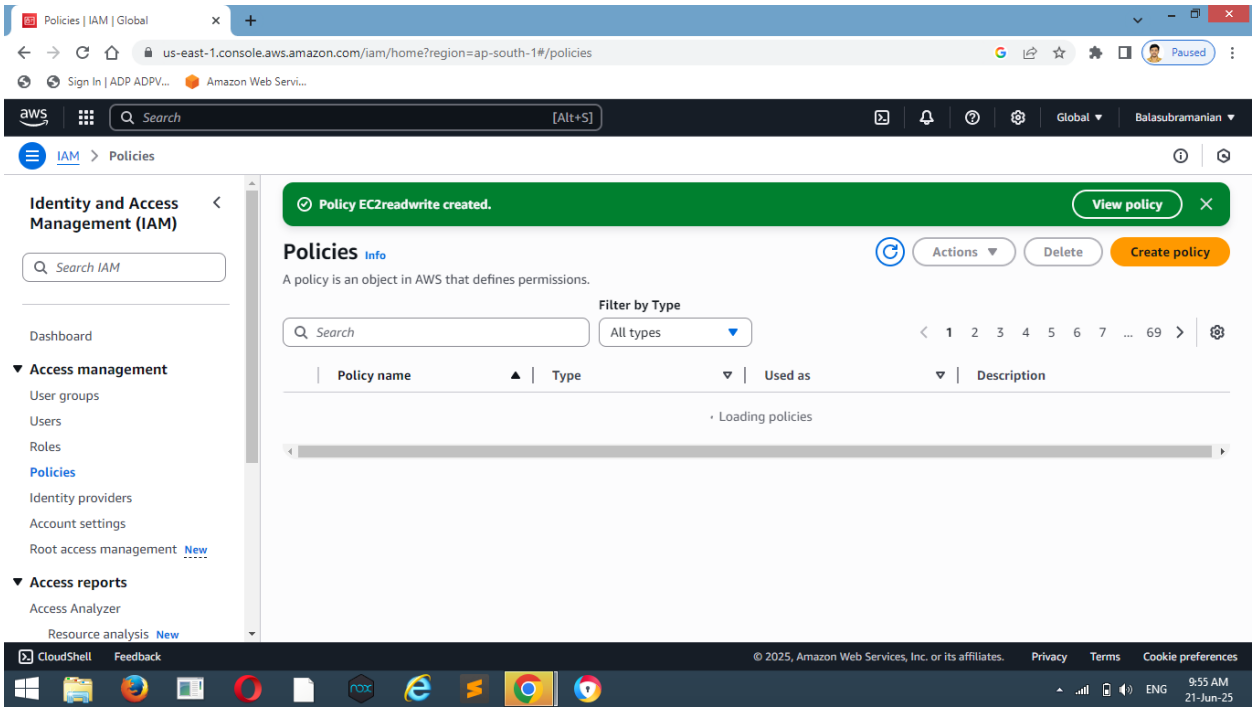
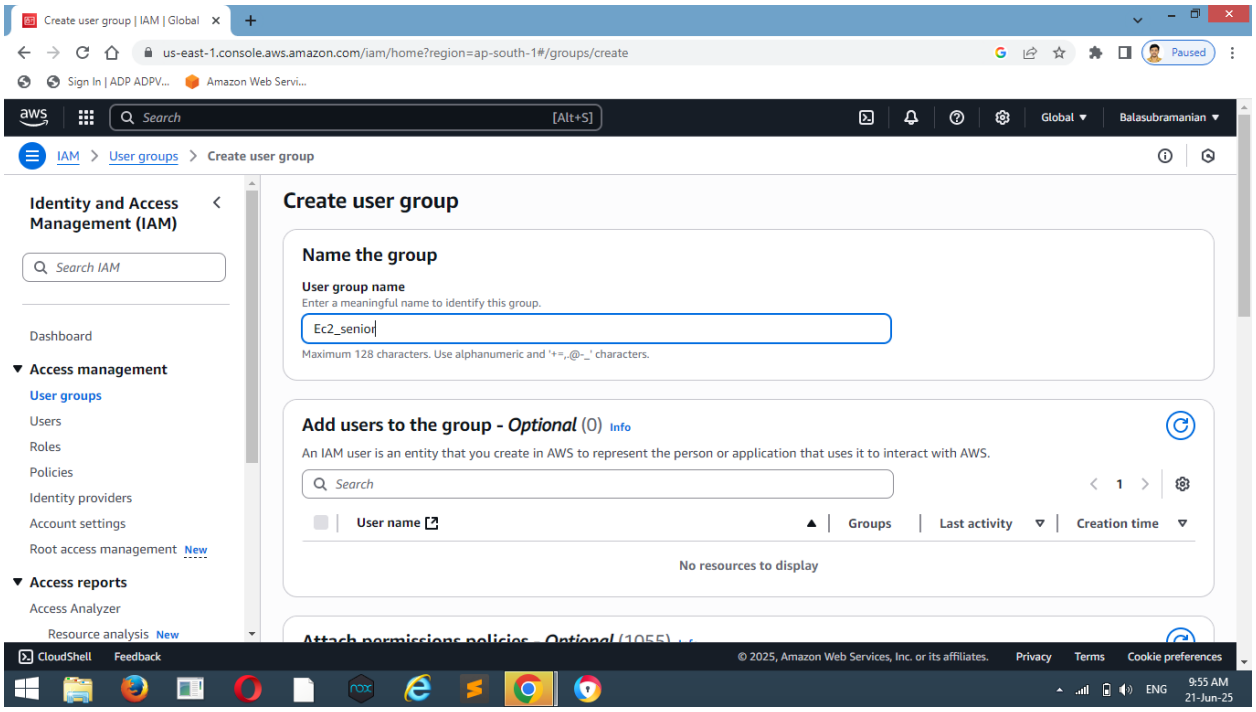
STEP 7: I WILL GIVE POLICY NAME AS "EC2READWRITE"

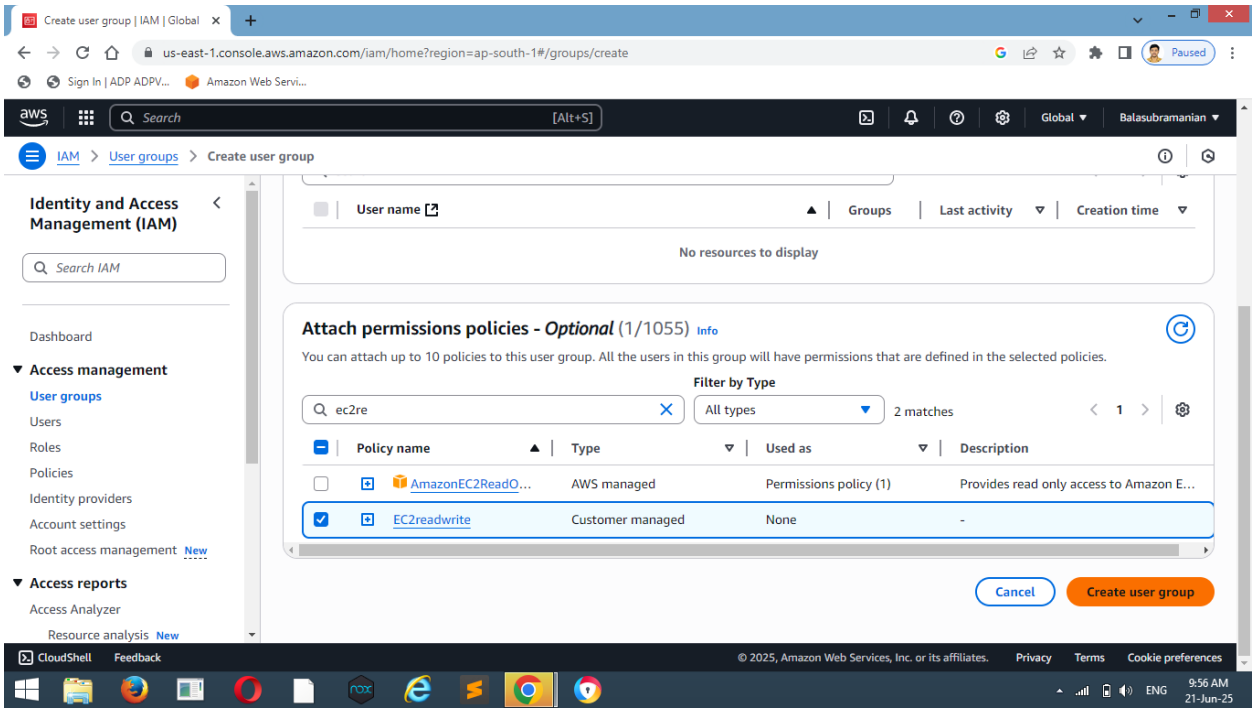


STEP 8: POLICY "EC2READWRITE" IS CREATED SUCCESSFULLY

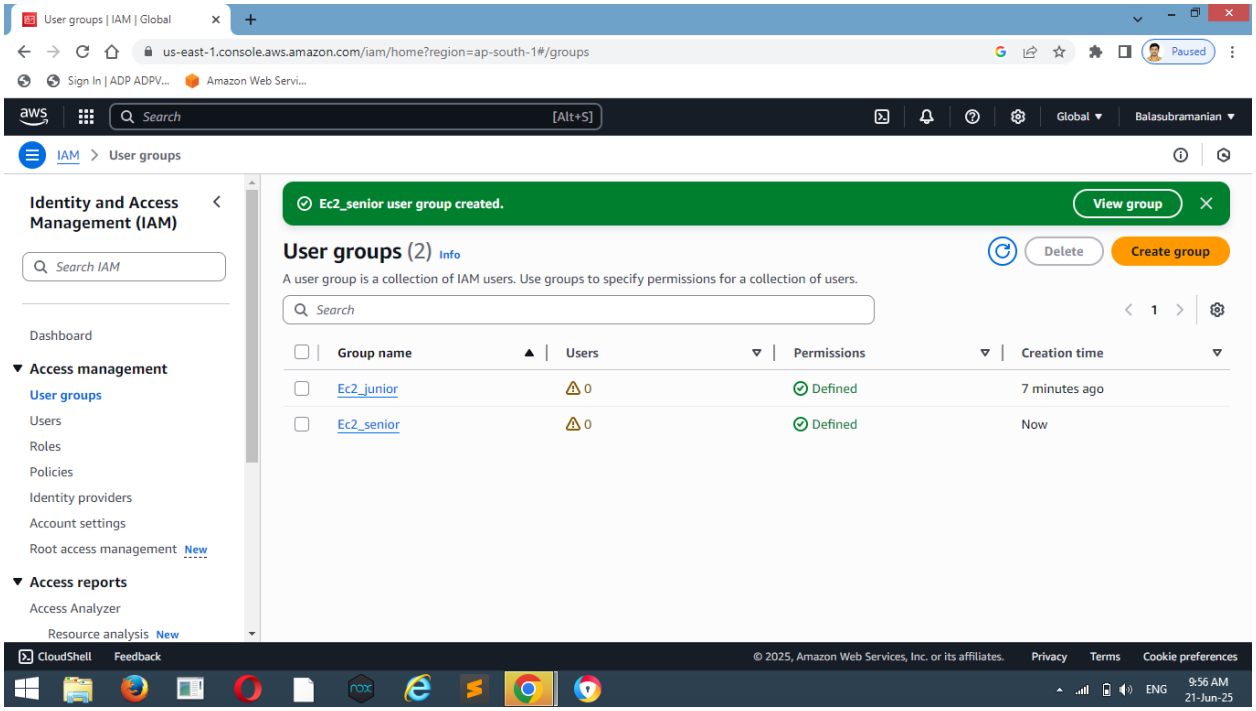


STEP 9: CREATE ANOTHER USER GROUP NAMES AS "EC2_SENIOR" AND GIVE GROUP PERMISSION TO "EC2READWRITE"

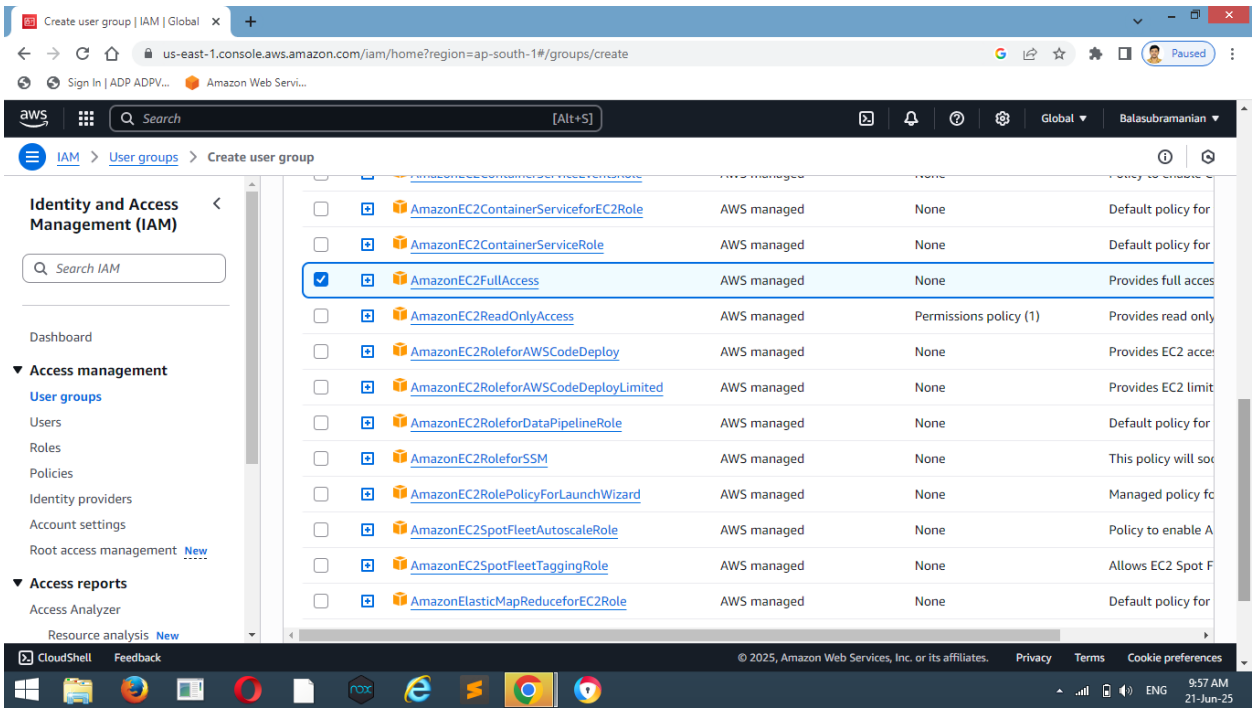


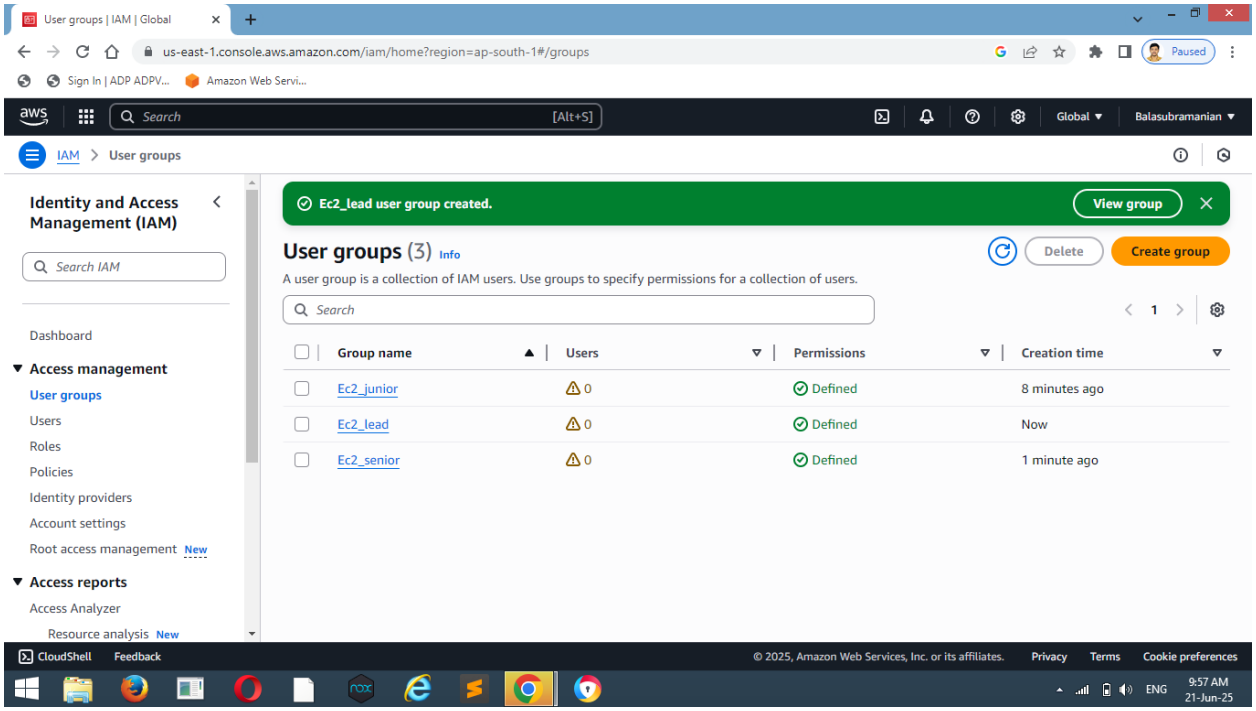


STEP 10: "EC2_SENIOR GROUP" IS CREATED SUCCESSFULLY

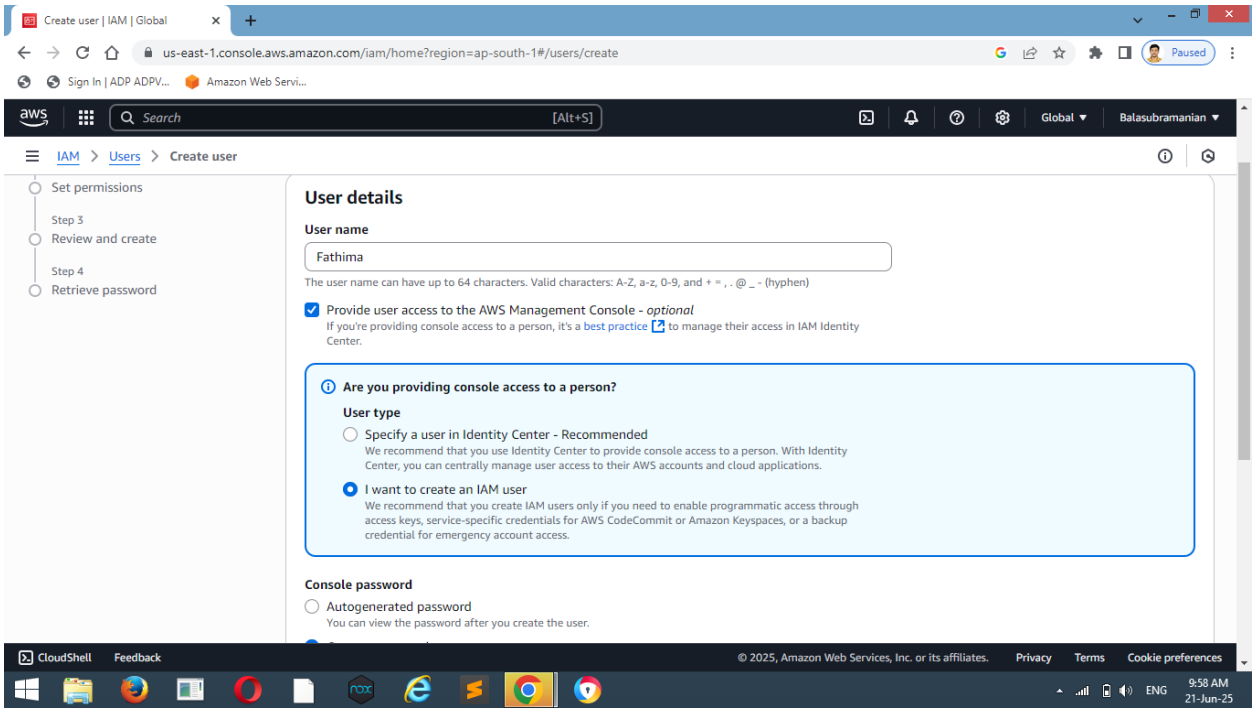


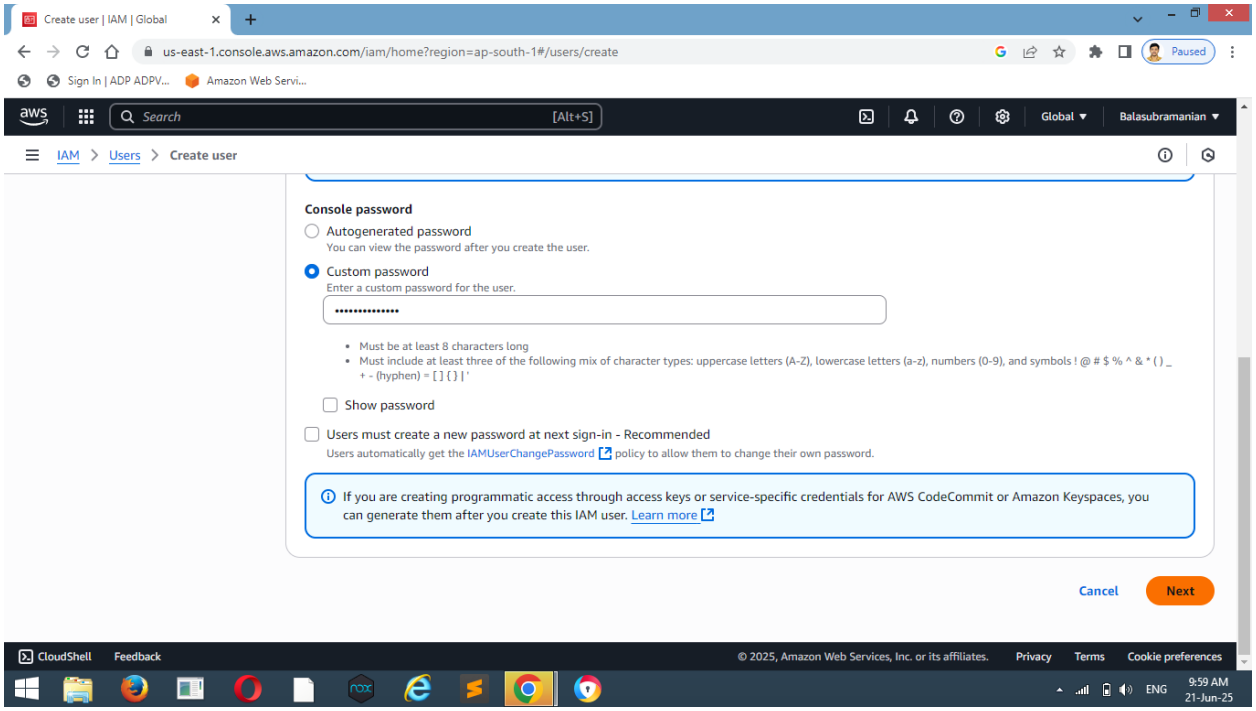
STEP 11: CREATE ONE MORE GROUP NAME AS "EC2_LEAD" AND WILL GIVE EC2 FULL PERMISSION ACCESS



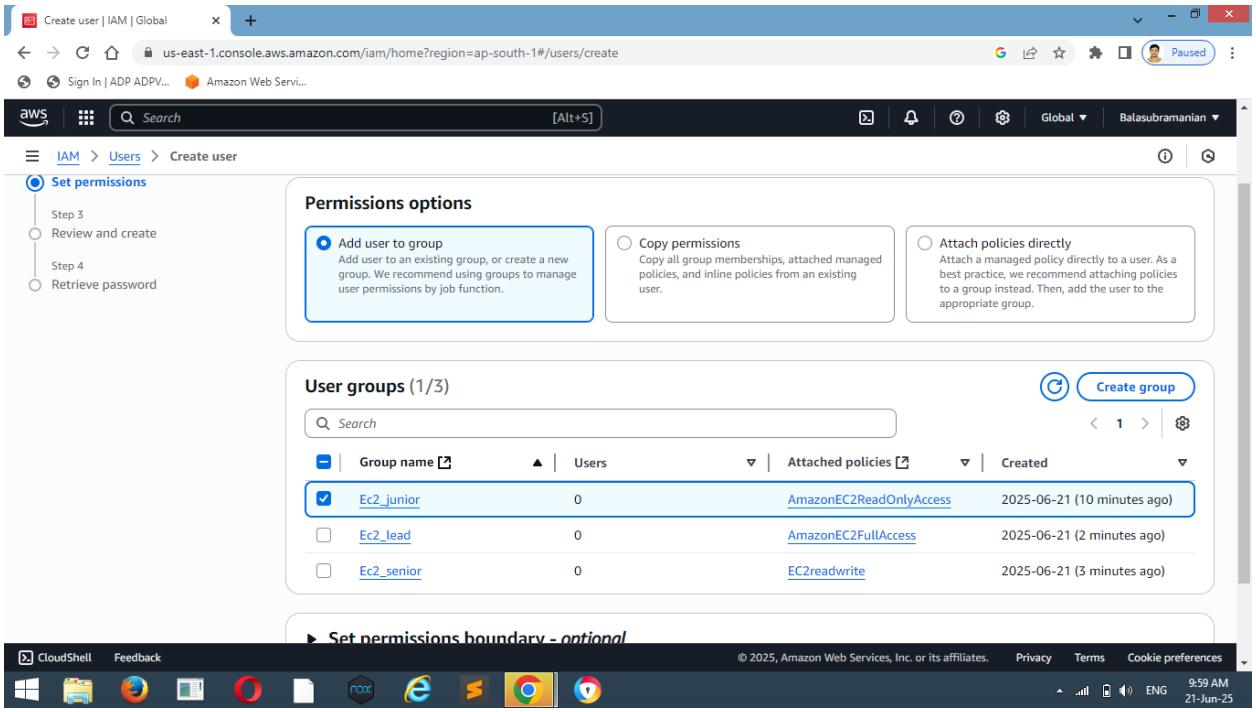


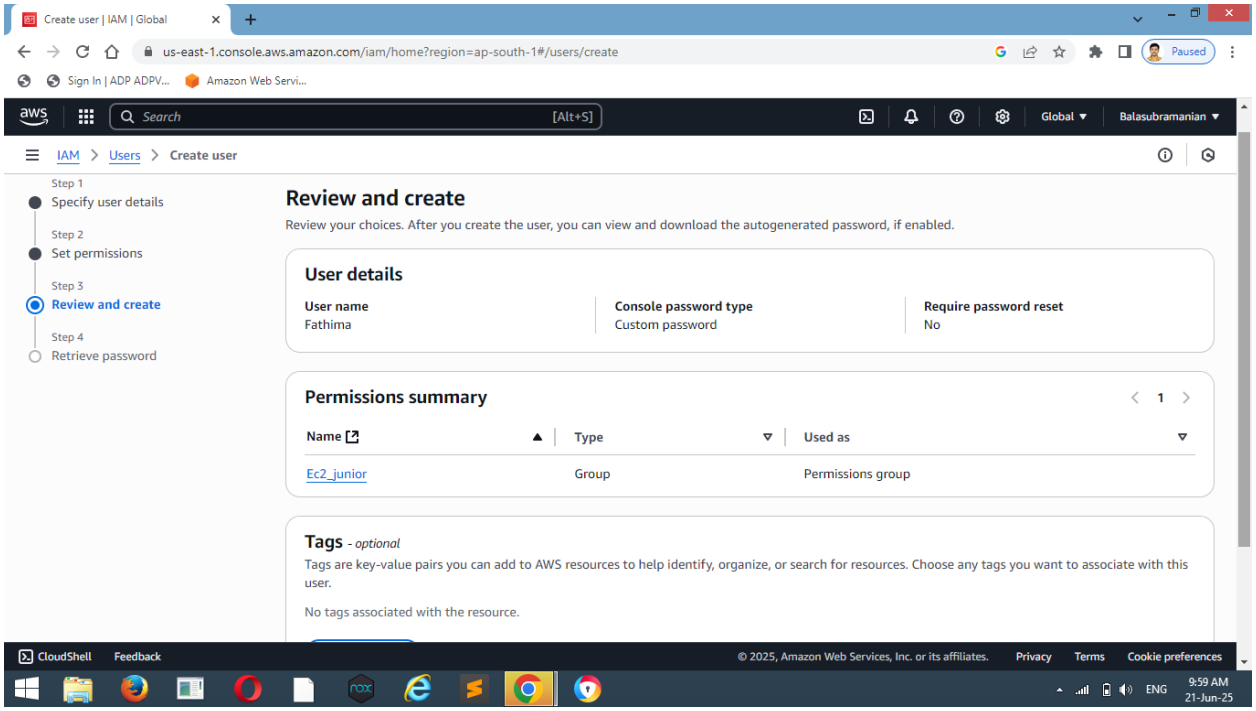
STEP 12: I WILL CREATE IAM USER NAME AS FATHIMA AND GENERATE CUSTOM PASSWORD





STEP 13: I WILL ADDING FATHIMA USER TO EC2_JUNIOR USER GROUP AND USER CREATED SUCCESSFULLY




Create user | IAM | Global
us-east-1.console.aws.amazon.com/iam/home?region=ap-south-1#/users/create
Search
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Global
Balasubramanian
IAM > Users > Create user
Step 1
Specify user details
Step 2
Set permissions
Step 3
Review and create
Step 4
Retrieve password
Review and create
Review your choices. After you create the user, you can view and download the autogenerated password, if enabled.
User details
User name
Fathima
Console password type
Custom password
Require password reset
No
Permissions summary
Name
Type
Used as
Ec2_junior
Group
Permissions group
Tags - optional
Tags are key-value pairs you can add to AWS resources to help identify, organize, or search for resources. Choose any tags you want to associate with this user.
No tags associated with the resource.
CloudShell
Feedback
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Privacy
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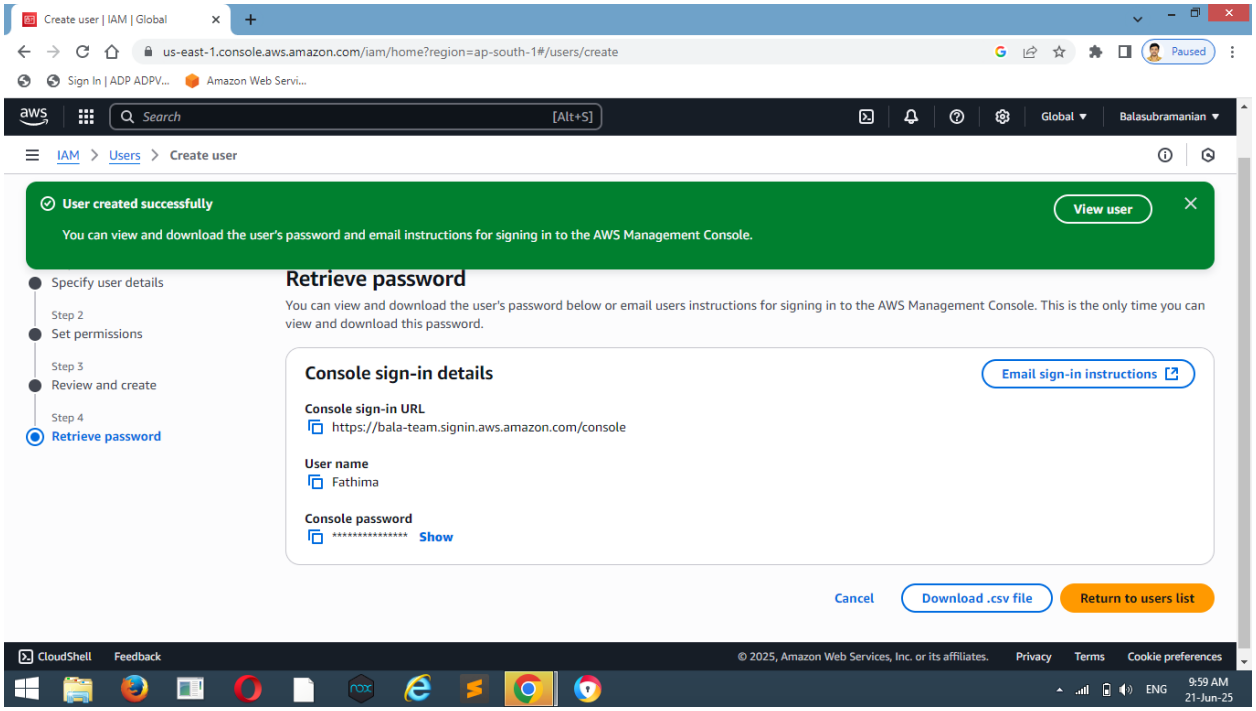
Create user | IAM | Global
us-east-1.console.aws.amazon.com/iam/home?region=ap-south-1#/users/create
Search
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Global
Balasubramanian
IAM > Users > Create user
User created successfully
You can view and download the user's password and email instructions for signing in to the AWS Management Console.
View user
Step 1
Specify user details
Step 2
Set permissions
Step 3
Review and create
Step 4
Retrieve password
Retrieve password
You can view and download the user's password below or email users instructions for signing in to the AWS Management Console. This is the only time you can view and download this password.
Console sign-in details
Email sign-in instructions
Console sign-in URL
https://bala-team.signin.aws.amazon.com/console
User name
Fathima
Console password
Show
Cancel
Download .csv file
Return to users list
CloudShell
Feedback
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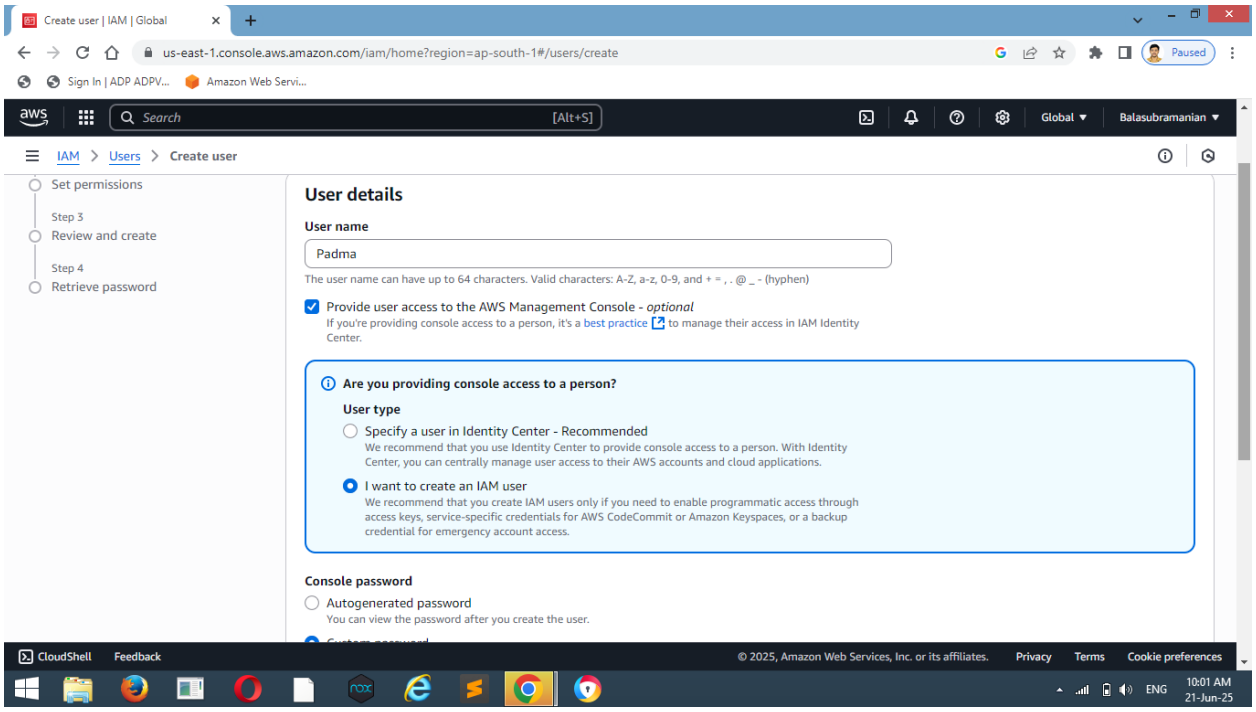
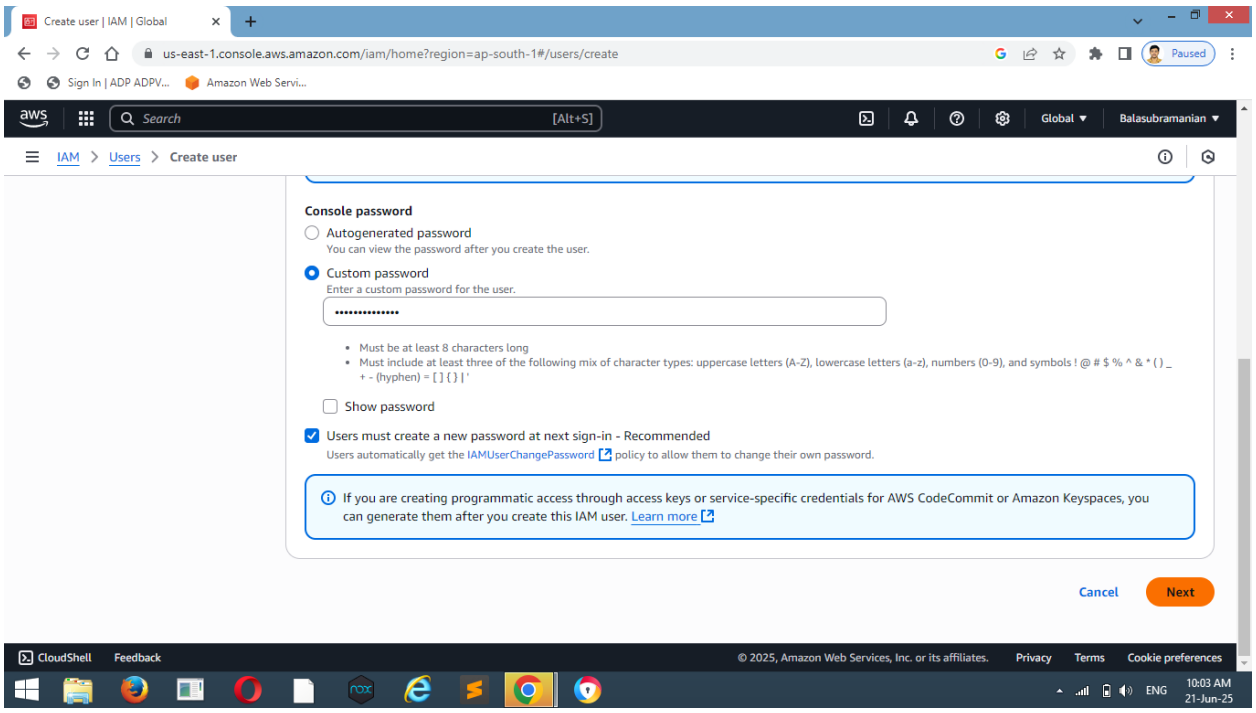
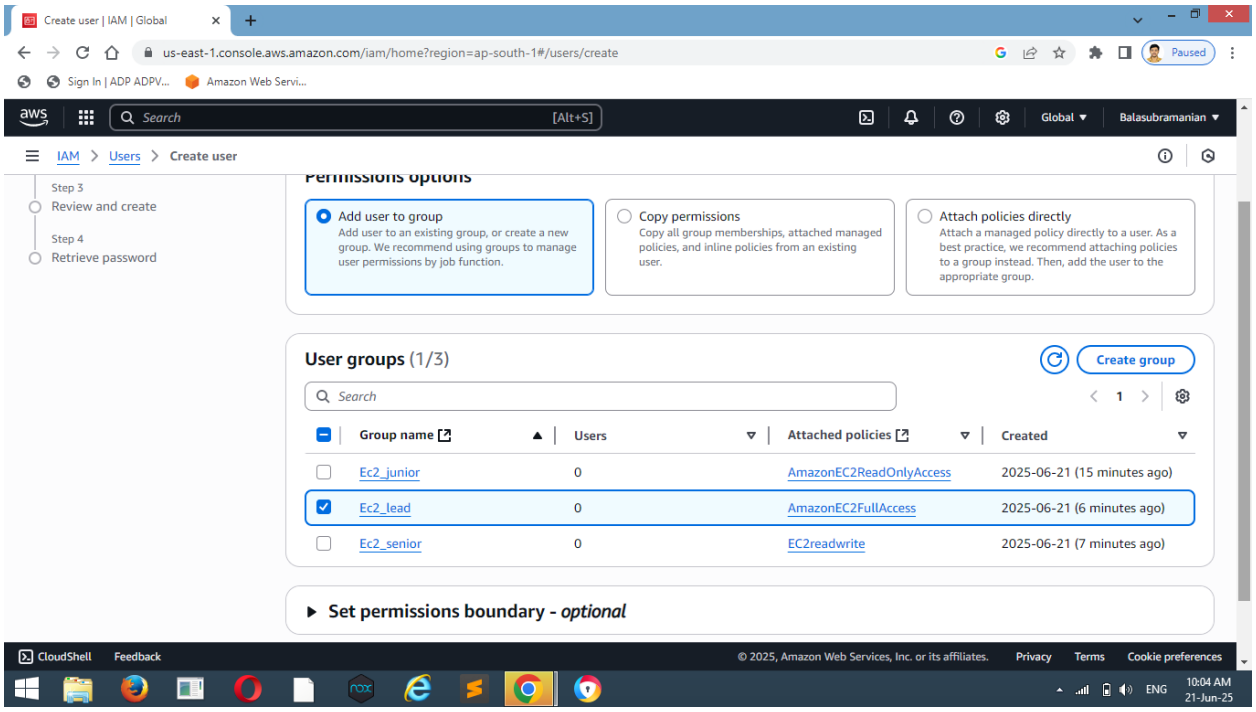
21-Jun-25

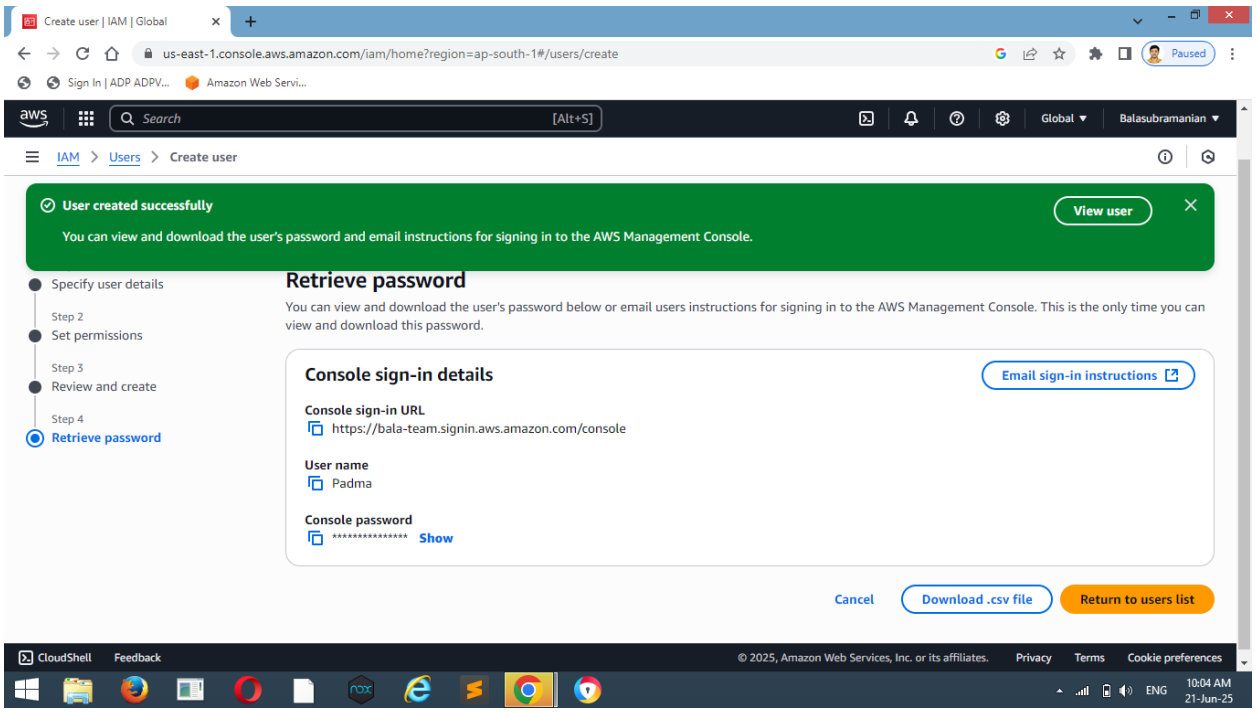
STEP 14: I WANT TO CREATE ANOTHER IAM USER NAME AS PADMA AND GENERATE CUSTOM PASSWORD



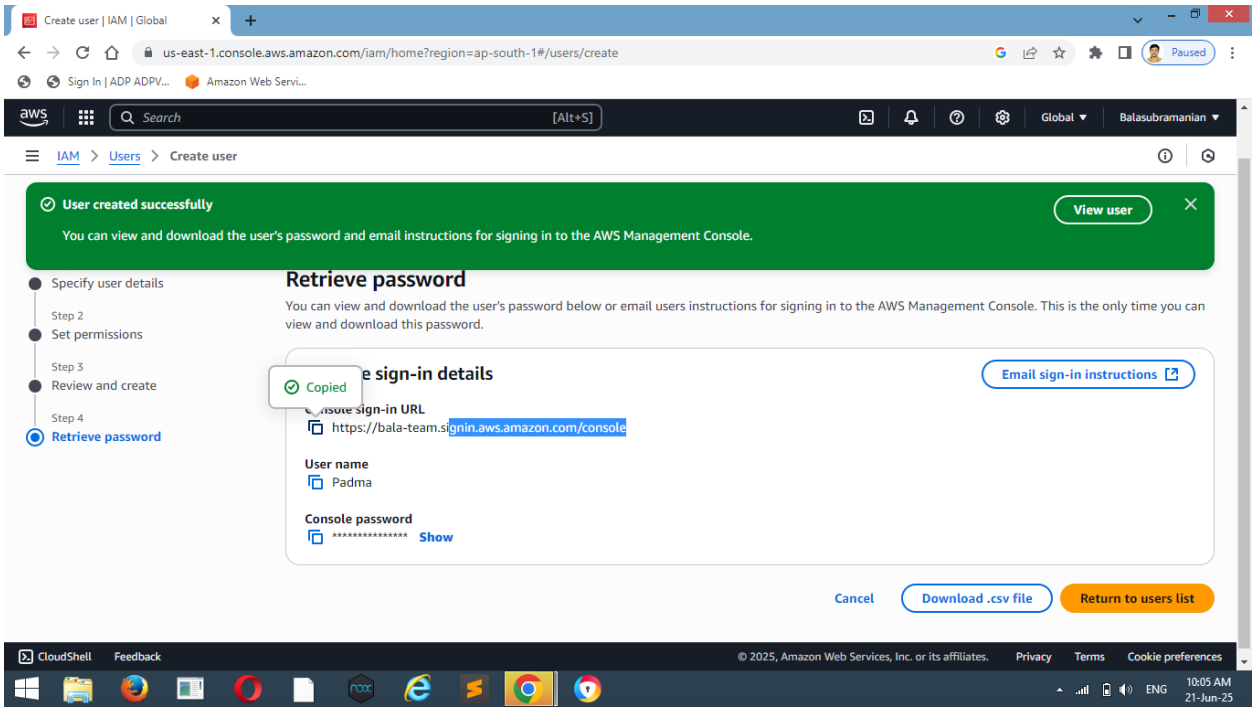


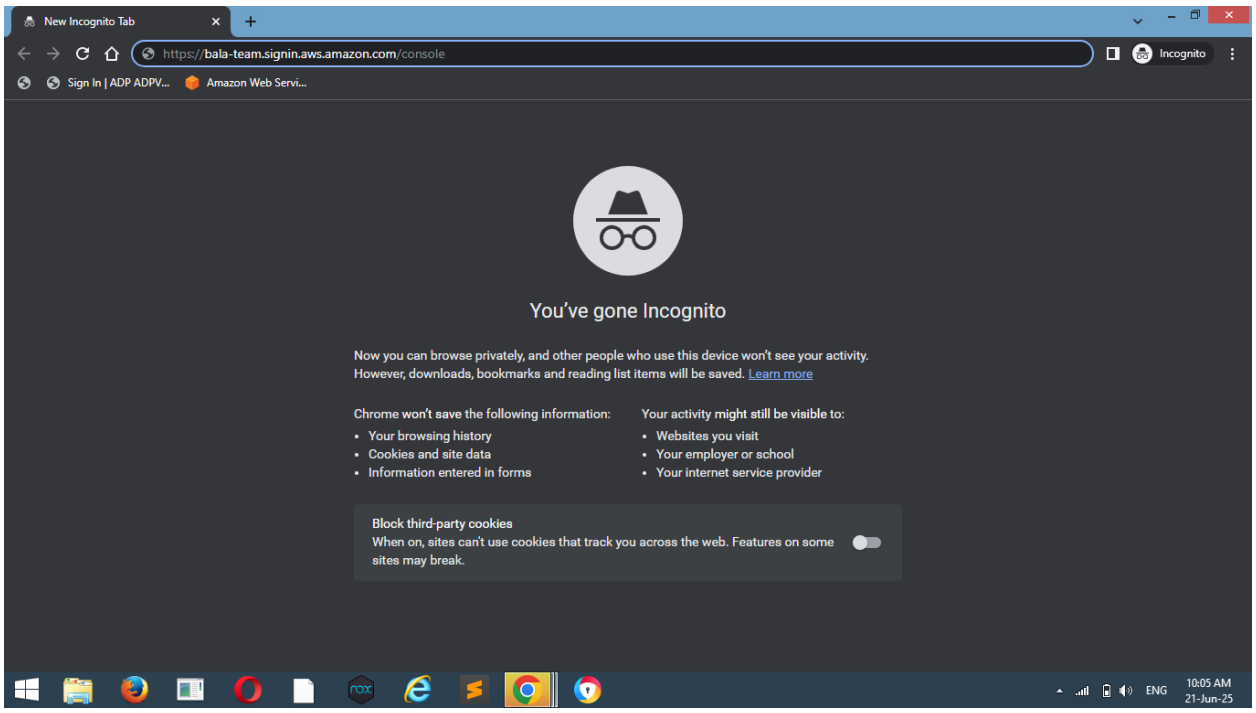
STEP 15: I WILL ADDING IAM USER OF PADMA TO EC2_LEAD USER GROUP AND USER CREATED SUCCESSFULLY



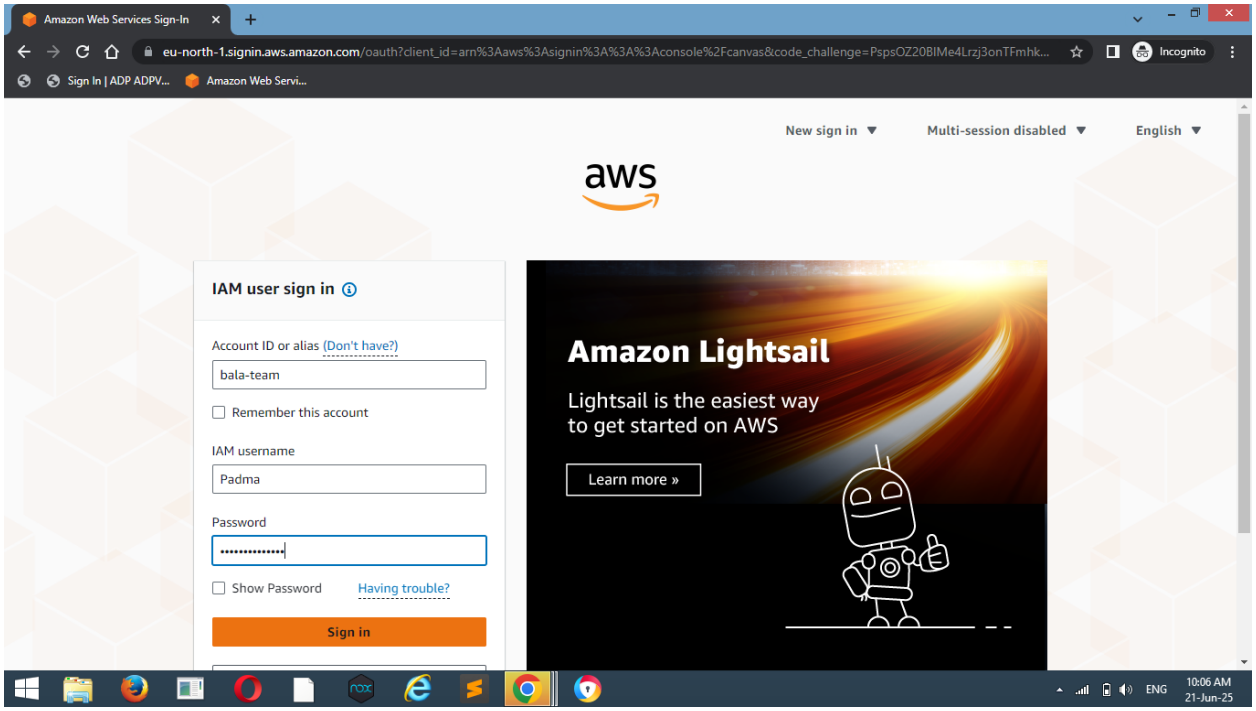
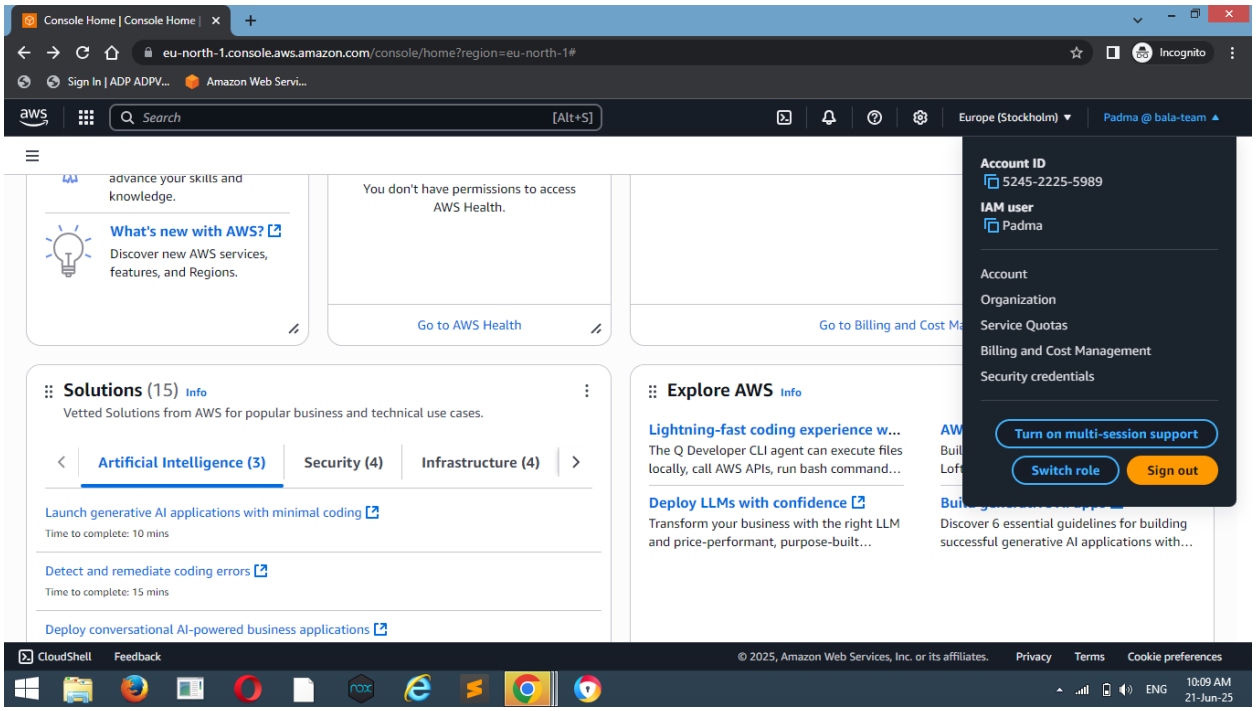


STEP 16: COPY THE IAM URL AND ENTERING A URL INTO THE ANOTHER TAB OF BROWSER





STEP 17: IAM USER TO SIGN IN – PADMA USER



STEP 18: FINALLY OPENED PADMA USER OF IAM USER ACCOUNT