AWS CloudSpace Academy

Class promotion: AWS Cloud & DevOps Engineer 2025

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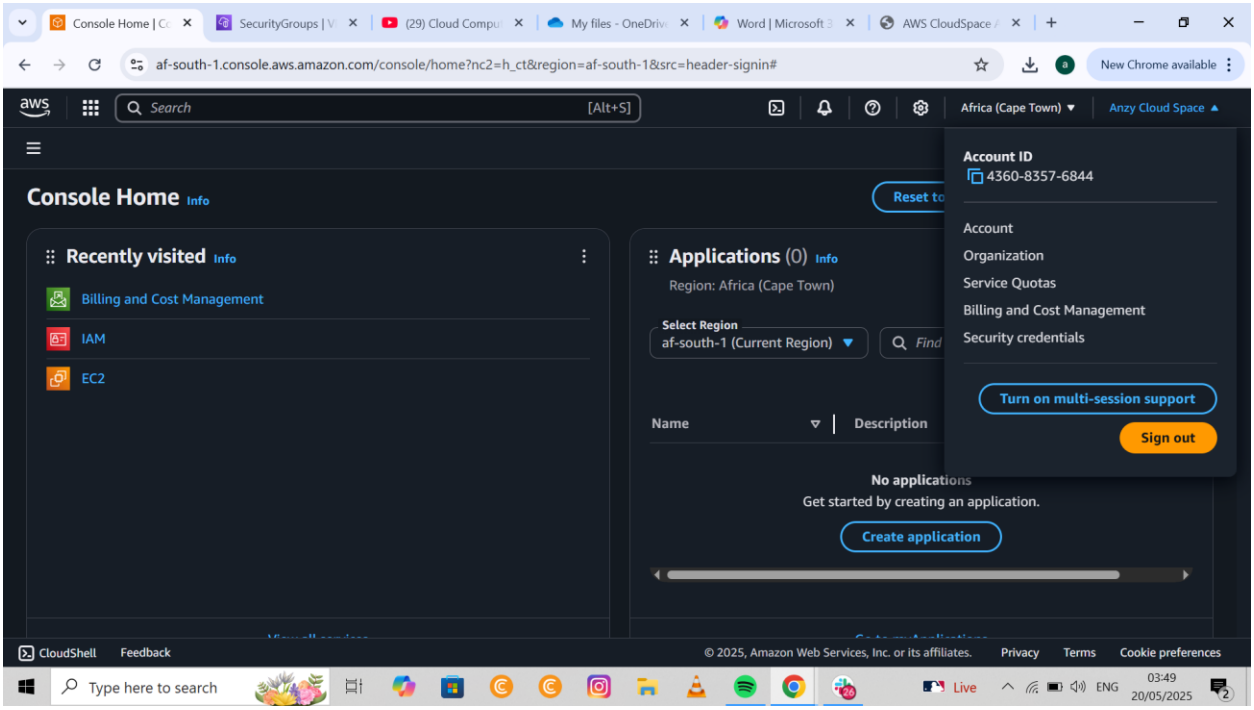
Course: IAM Hands On

Teacher: Narcisse Tchuemoe

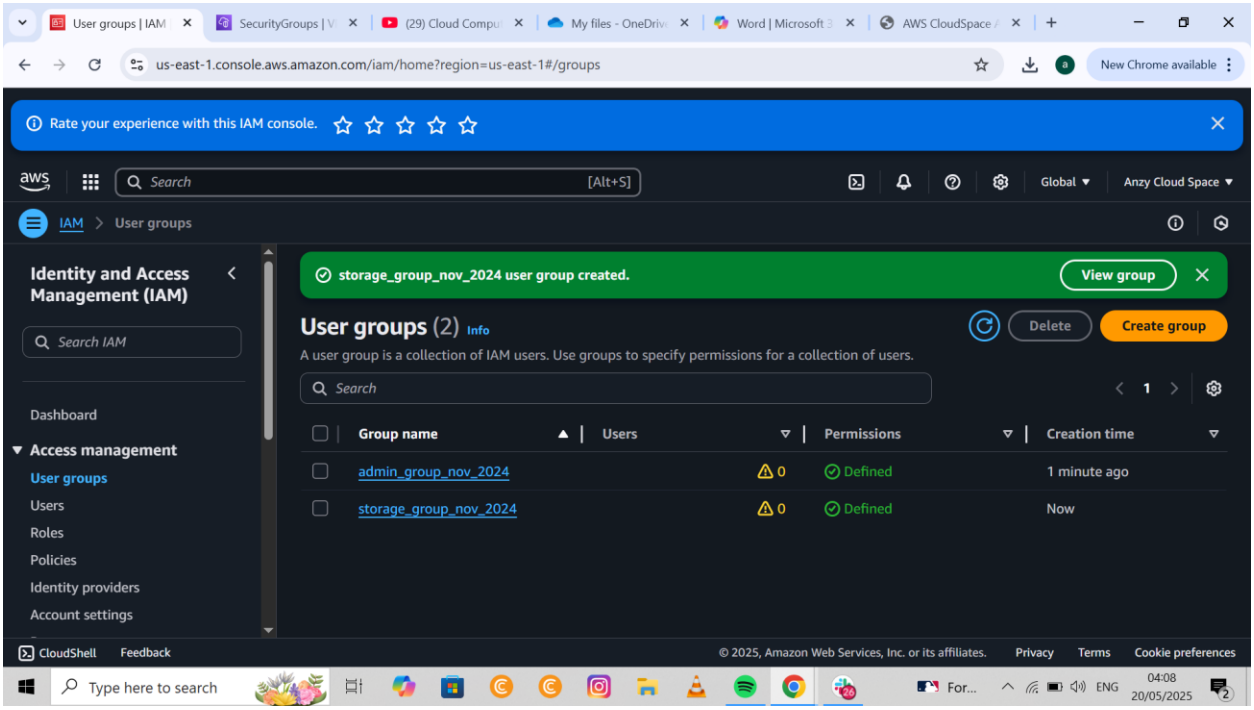
Homework 1

1) Login to your aws console using root account

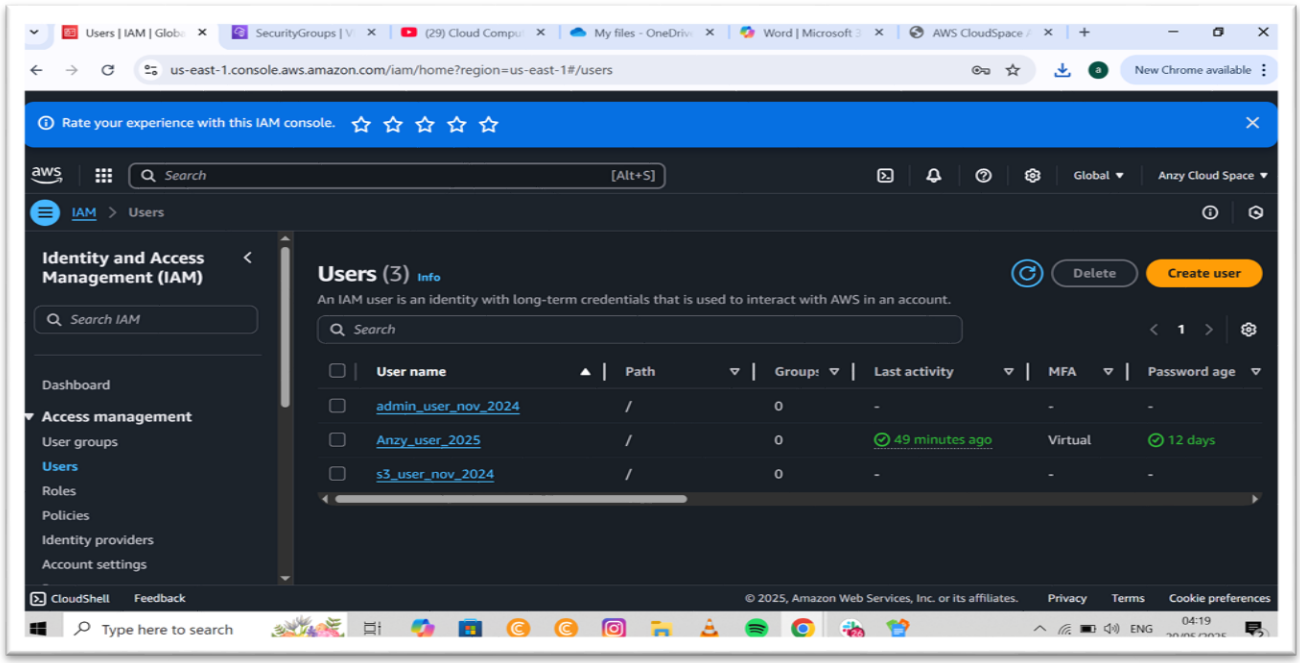
Take not of the account ID



2) Create two Group named <<admin_group_nov_2024>> with fullacces and <<storage_group_nov_2024>> with S3 fullacce

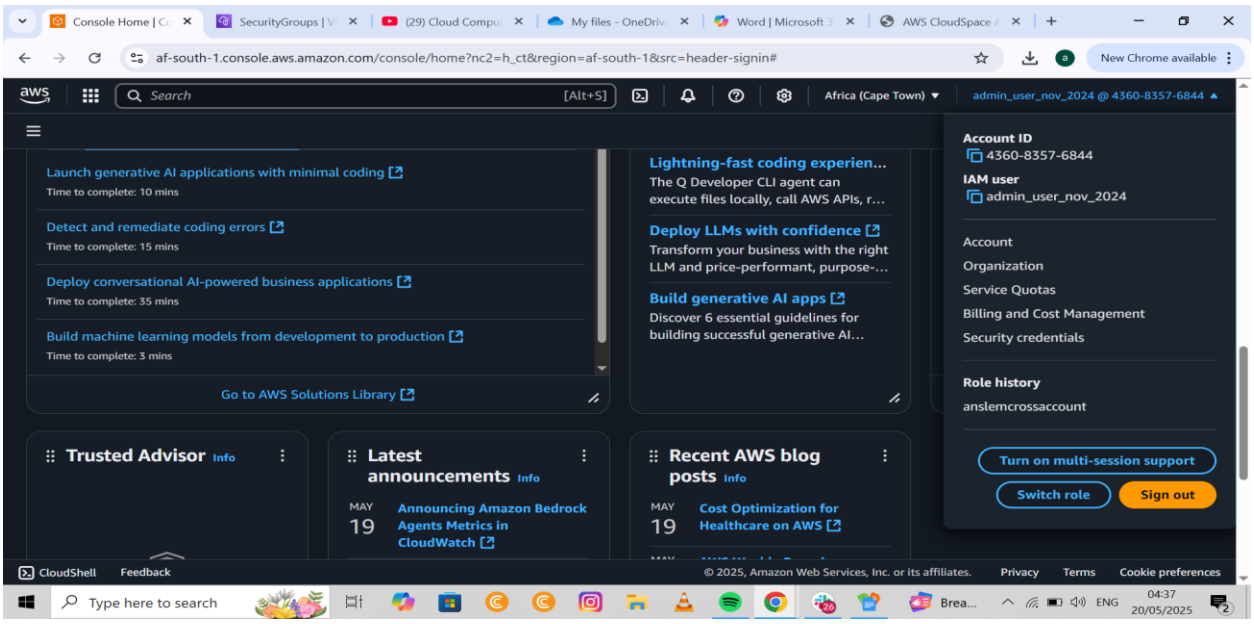


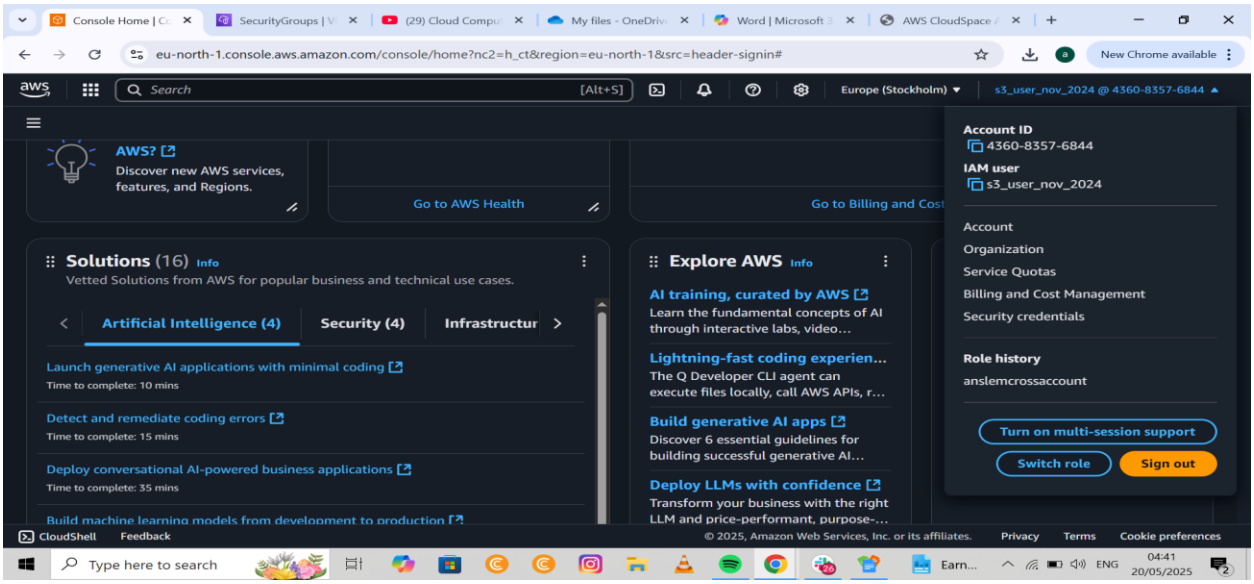
3)Create two IAM users named <<admin_user_nov_2024>> and <<s3_user_nov_2024>> NB: make sure IAM users change their password at first login



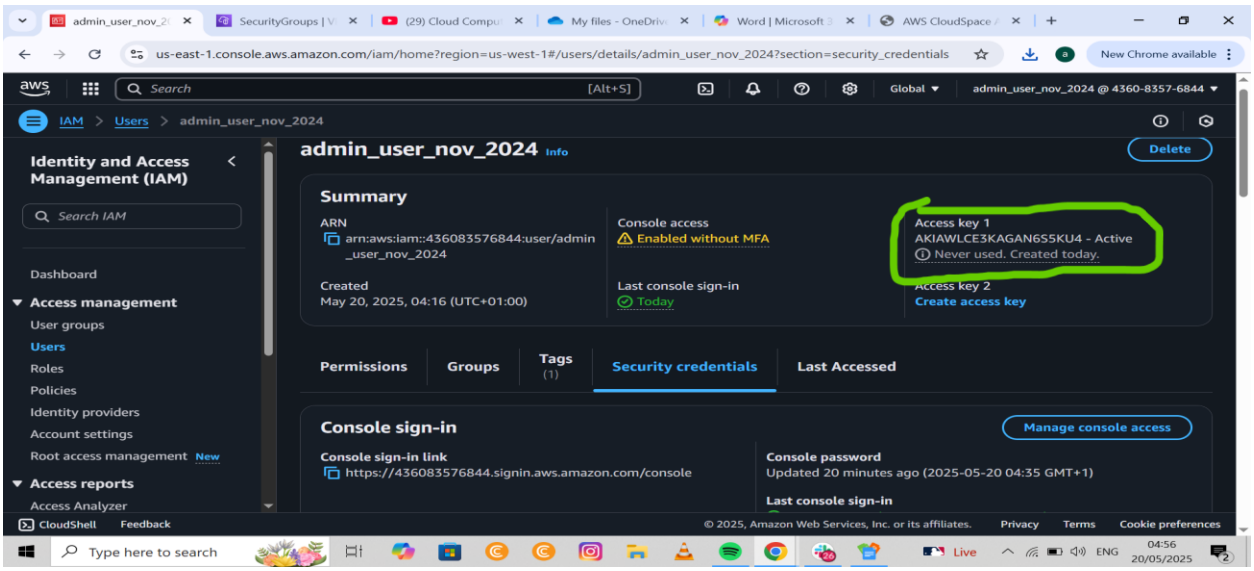
4) a- connect to your aws console as "admin_user_2024" and make sure you have full access

b- connect to your aws console as "s3_user_may_2024" and make sure the policy is working

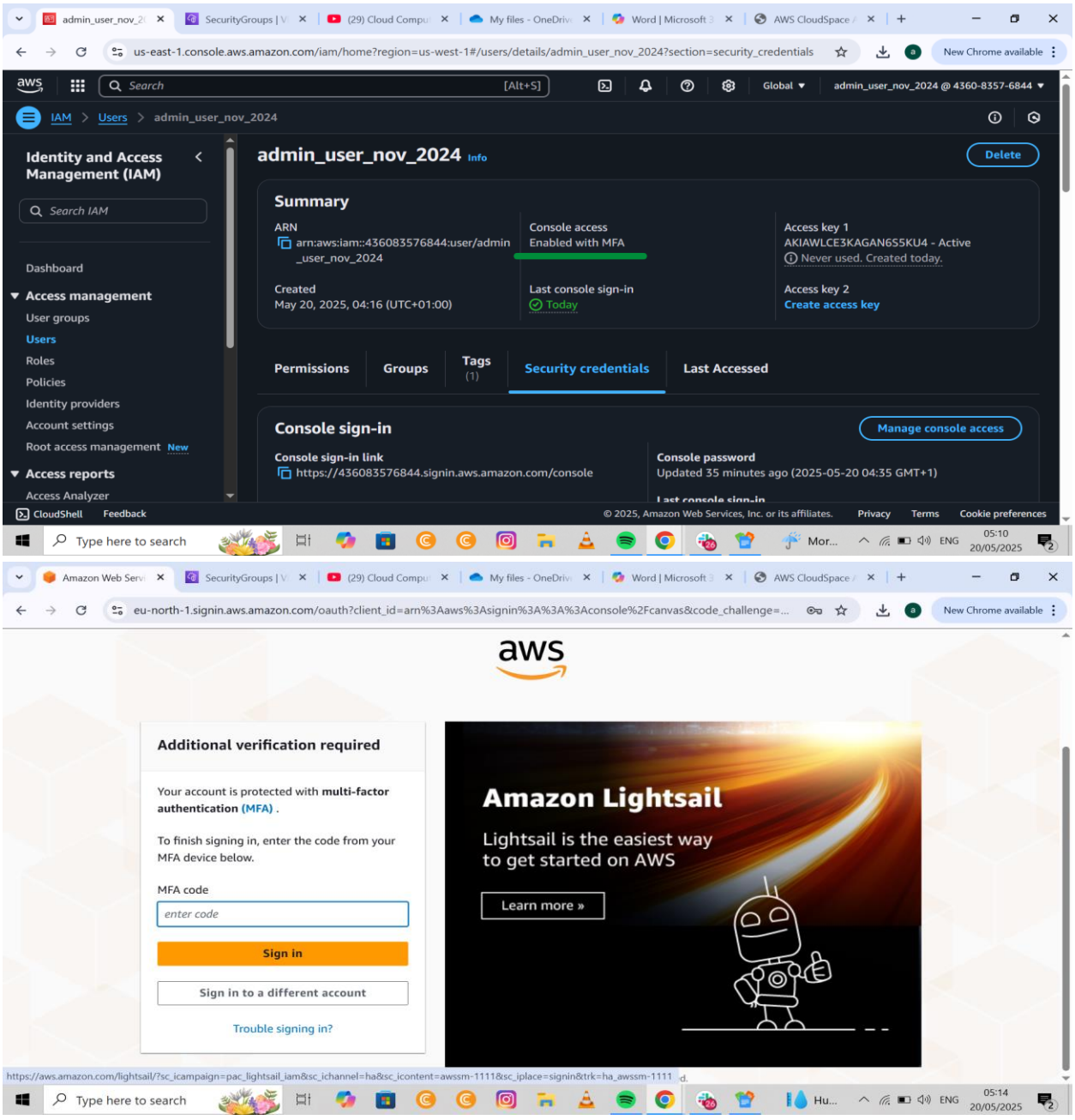




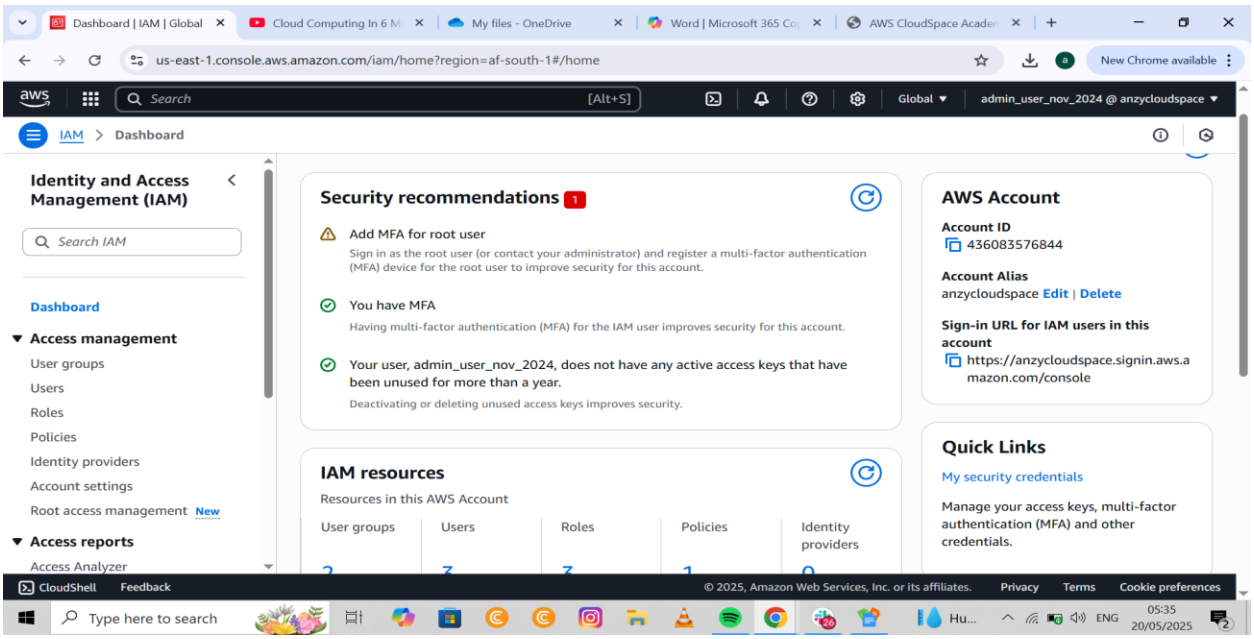
5- Create and Download Access Keys



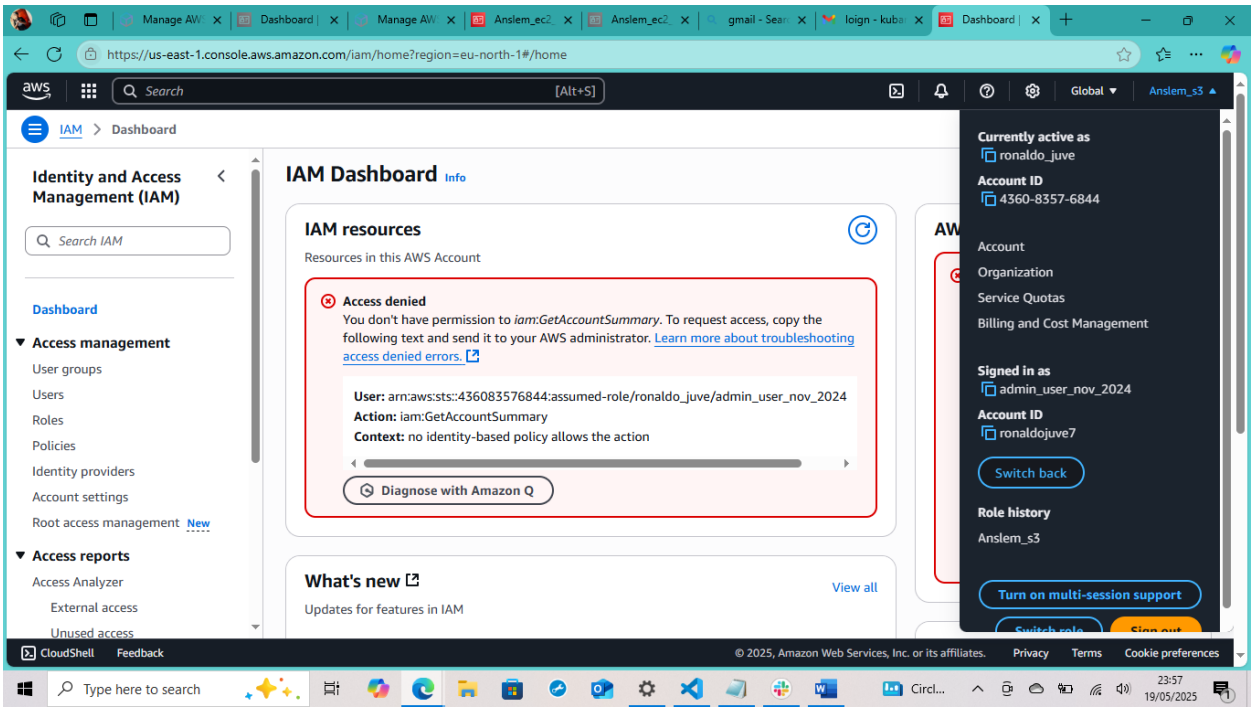
6) Make sure to activate MFA for your admin user download the Google Authenticator app into your cell phone

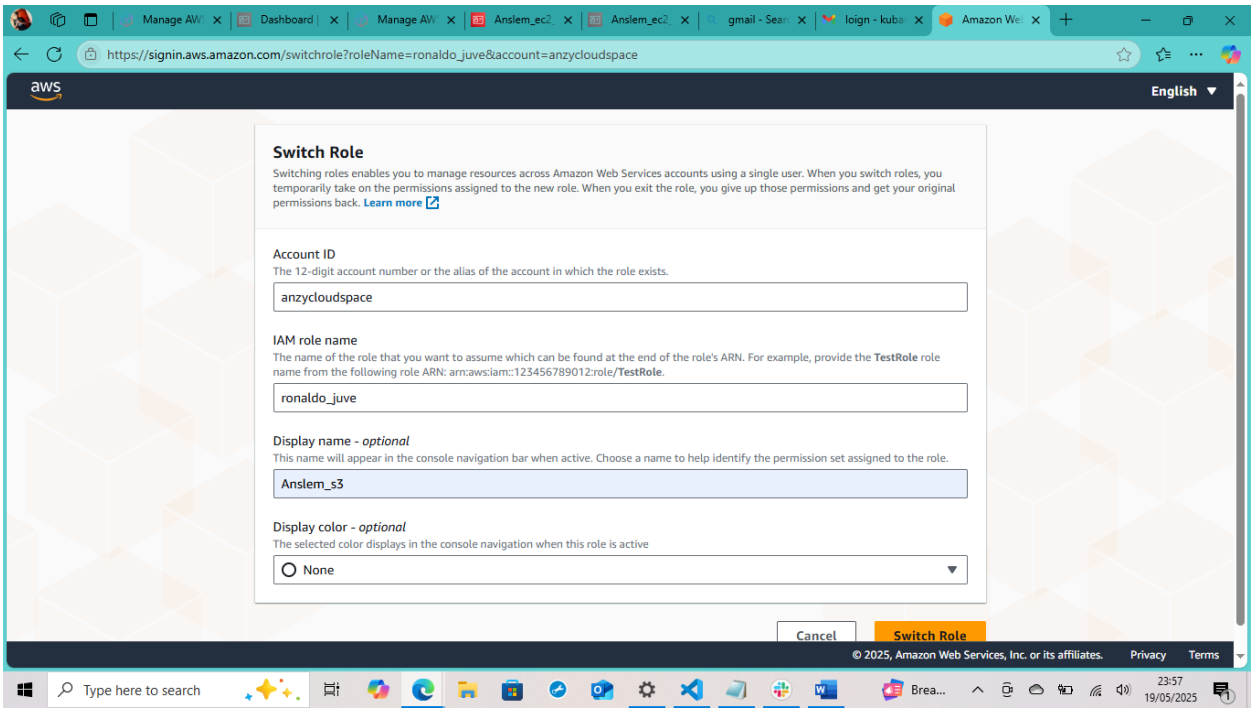


7- Create an Alias to hide your account id number



8)Create cross-account: create a role "cross_s3-access_nov_2024" to allow B_user(Account_B) to access "S3" only in Account_A


https://us-east-1.console.aws.amazon.com/iam/home?region=eu-north-1#/home
Search
[Alt+S]
Global
Anslem_s3
IAM > Dashboard
Identity and Access Management (IAM)
Search IAM
Dashboard
Access management
User groups
Users
Roles
Policies
Identity providers
Account settings
Root access management New
Access reports
Access Analyzer
External access
Unused access
IAM Dashboard Info
IAM resources
Resources in this AWS Account
Access denied
You don't have permission to iam:GetAccountSummary. To request access, copy the following text and send it to your AWS administrator. Learn more about troubleshooting access denied errors.
User: arn:aws:sts::436083576844:assumed-role/ronaldo_juve/admin_user_nov_2024
Action: iam:GetAccountSummary
Context: no identity-based policy allows the action
Diagnose with Amazon Q
What's new
Updates for features in IAM
View all
Currently active as
ronaldo_juve
Account ID
4360-8357-6844
Account
Organization
Service Quotas
Billing and Cost Management
Signed in as
admin_user_nov_2024
Account ID
ronaldojuve7
Switch back
Role history
Anslem_s3
Turn on multi-session support
CloudShell
Feedback
© 2025, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Type here to search
23:57
19/05/2025


https://signin.aws.amazon.com/switchrole?roleName=ronaldo_juve&account=anzycloudspace
English
Switch Role
Switching roles enables you to manage resources across Amazon Web Services accounts using a single user. When you switch roles, you temporarily take on the permissions assigned to the new role. When you exit the role, you give up those permissions and get your original permissions back. Learn more
Account ID
The 12-digit account number or the alias of the account in which the role exists.
anzycloudspace
IAM role name
The name of the role that you want to assume which can be found at the end of the role's ARN. For example, provide the TestRole role name from the following role ARN: arn:aws:iam::123456789012:role/TestRole.
ronaldo_juve
Display name - optional
This name will appear in the console navigation bar when active. Choose a name to help identify the permission set assigned to the role.
Anslem_s3
Display color - optional
The selected color displays in the console navigation when this role is active
None
Cancel
Switch Role
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Privacy
Terms
Type here to search
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