AWS - IAM AND S3 SERVICES

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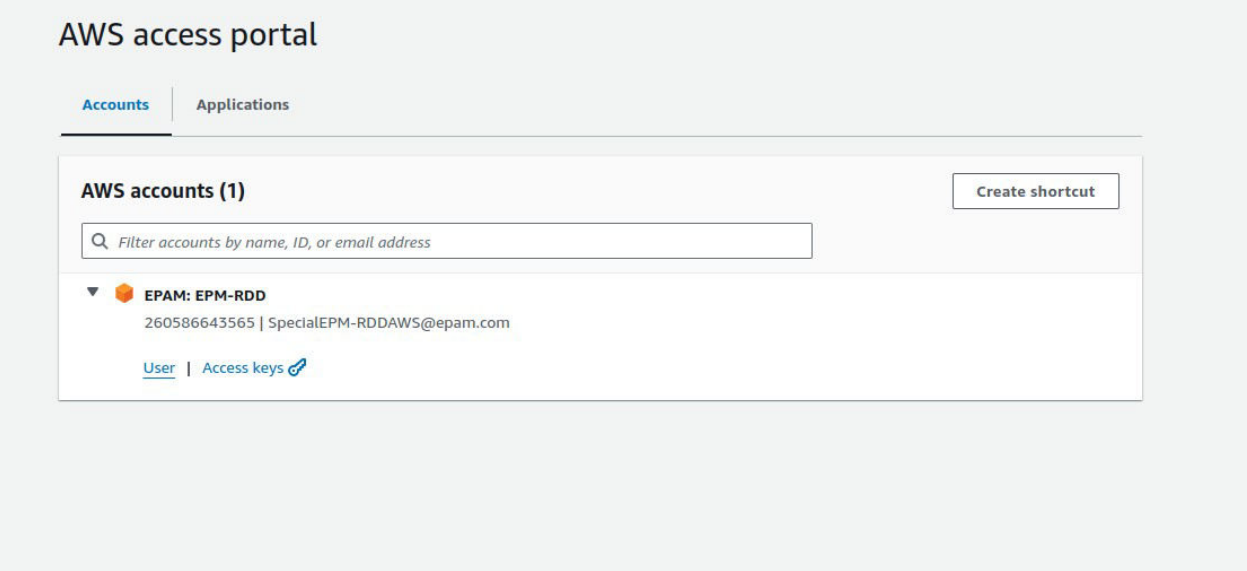
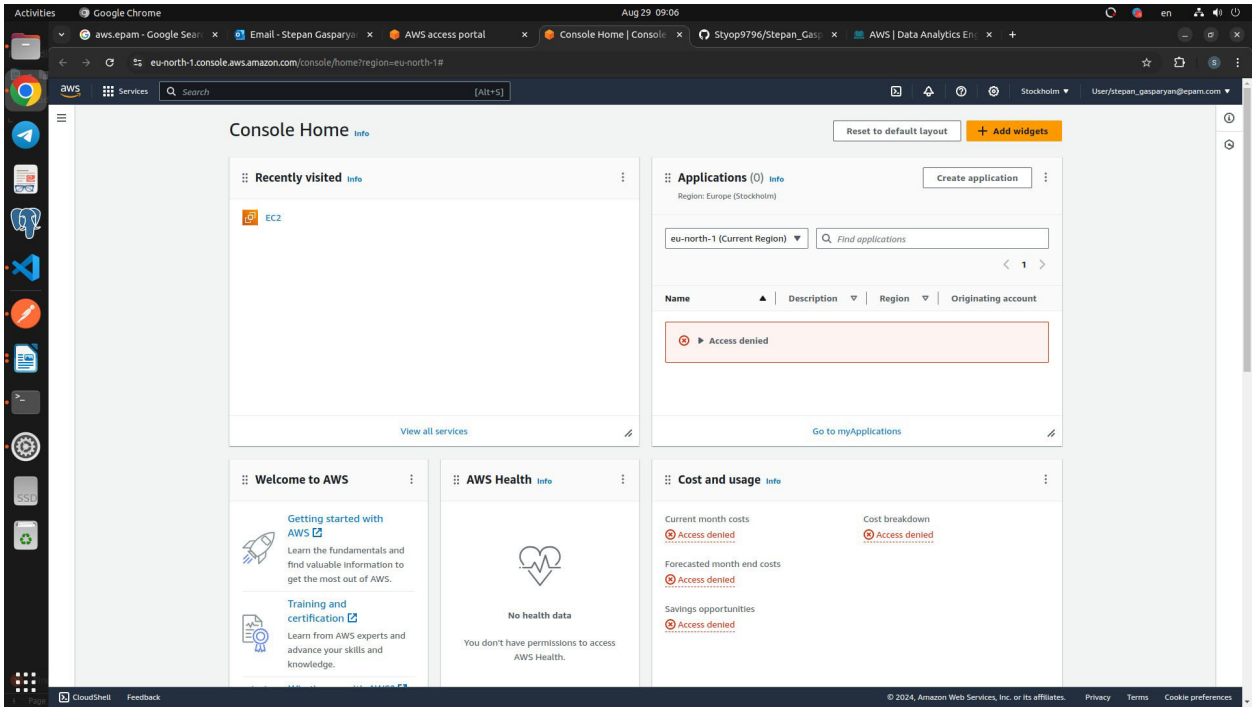
Confidential

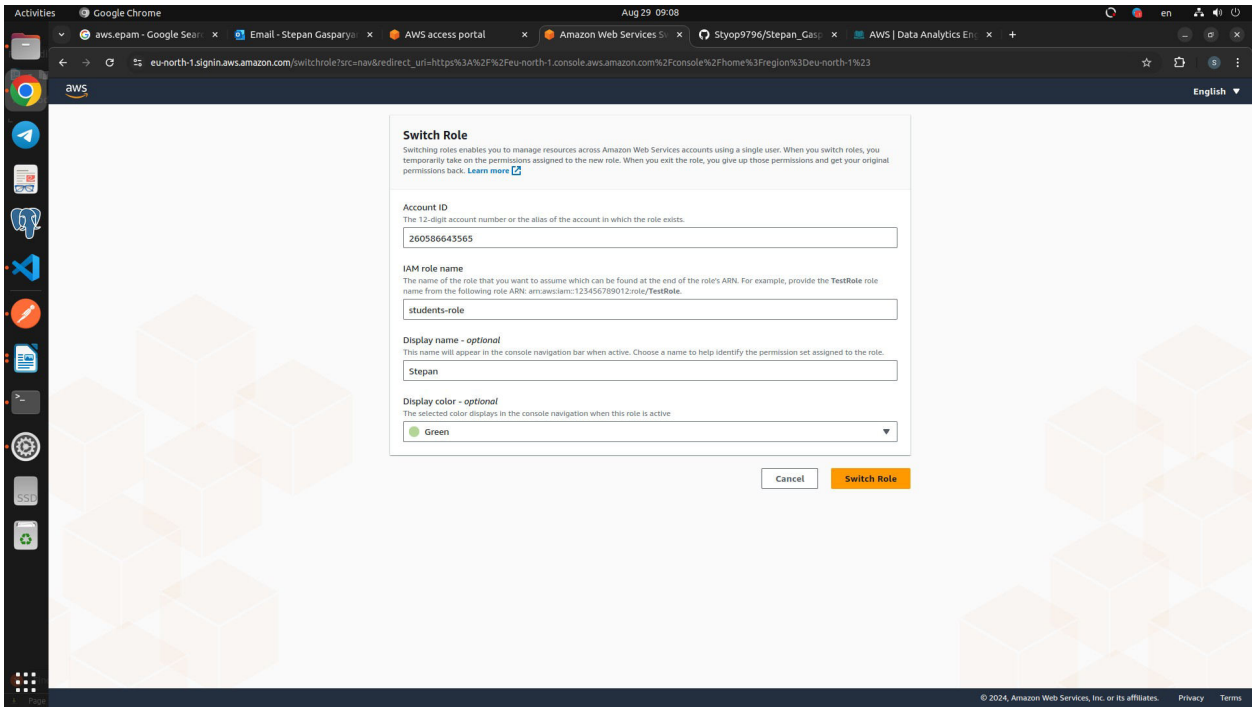
1-a.


AWS access portal
Accounts
Applications
AWS accounts (1)
Create shortcut
Filter accounts by name, ID, or email address
EPAM: EPM-RDD
260586643565 | SpecialEPM-RDDAWS@epam.com
User | Access keys

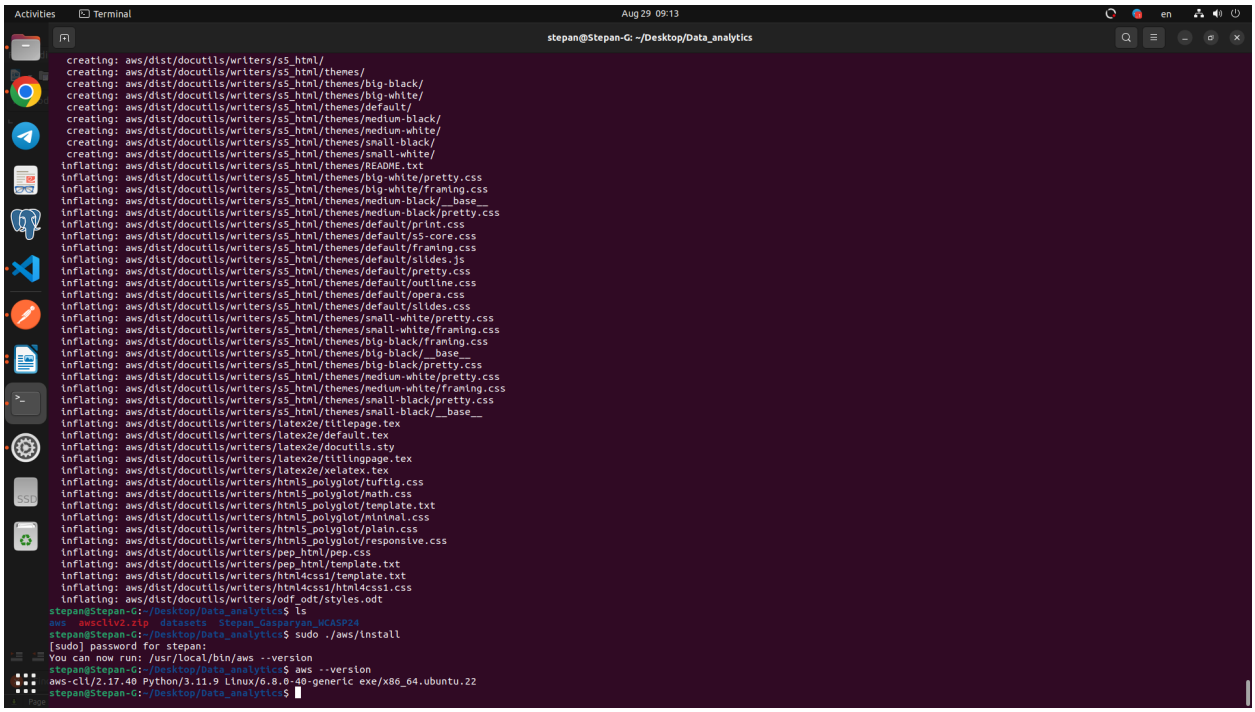
1-b.


Console Home
Reset to default layout
Add widgets
Recently visited
EC2
View all services
Applications (0)
Create application
Region: Europe (Stockholm)
eu-north-1 (Current Region)
Find applications
Name
Description
Region
Originating account
Access denied
Go to myApplications
Welcome to AWS
Getting started with AWS
Learn the fundamentals and find valuable information to get the most out of AWS.
Training and certification
Learn from AWS experts and advance your skills and knowledge.
AWS Health
No health data
You don't have permissions to access AWS Health.
Cost and usage
Current month costs
Access denied
Cost breakdown
Access denied
Forecasted month end costs
Access denied
Savings opportunities
Access denied

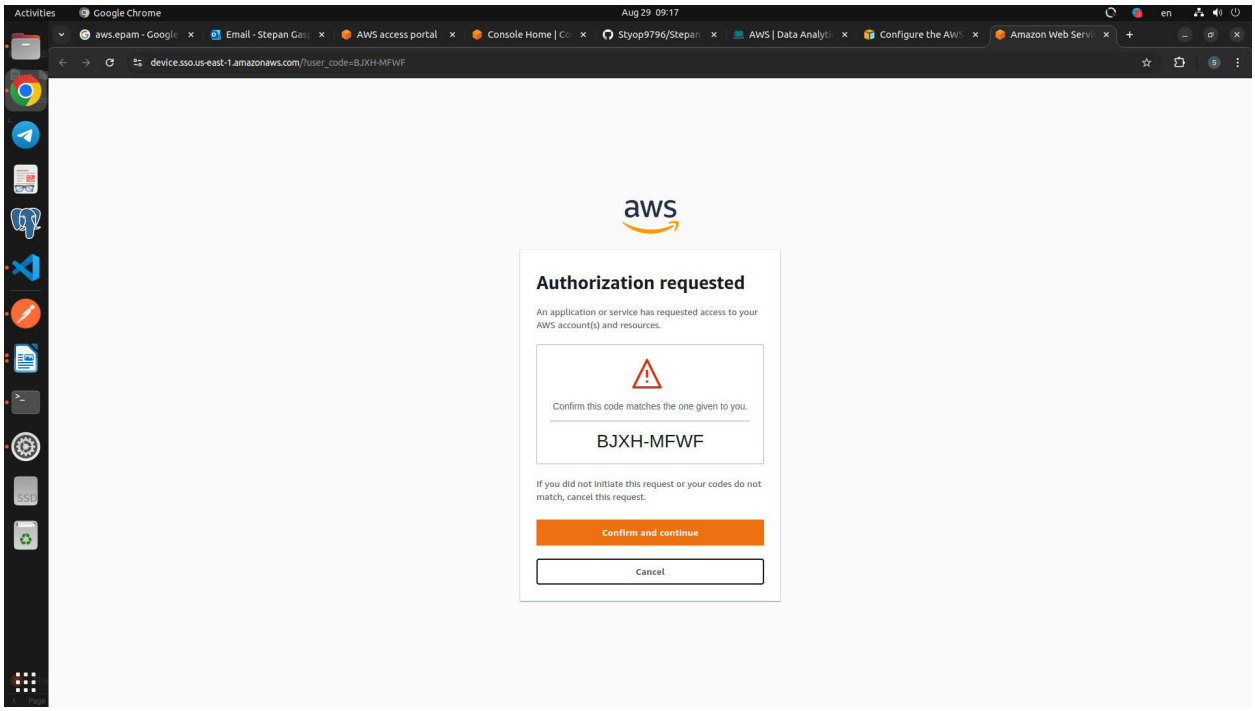
1-c-d-e.



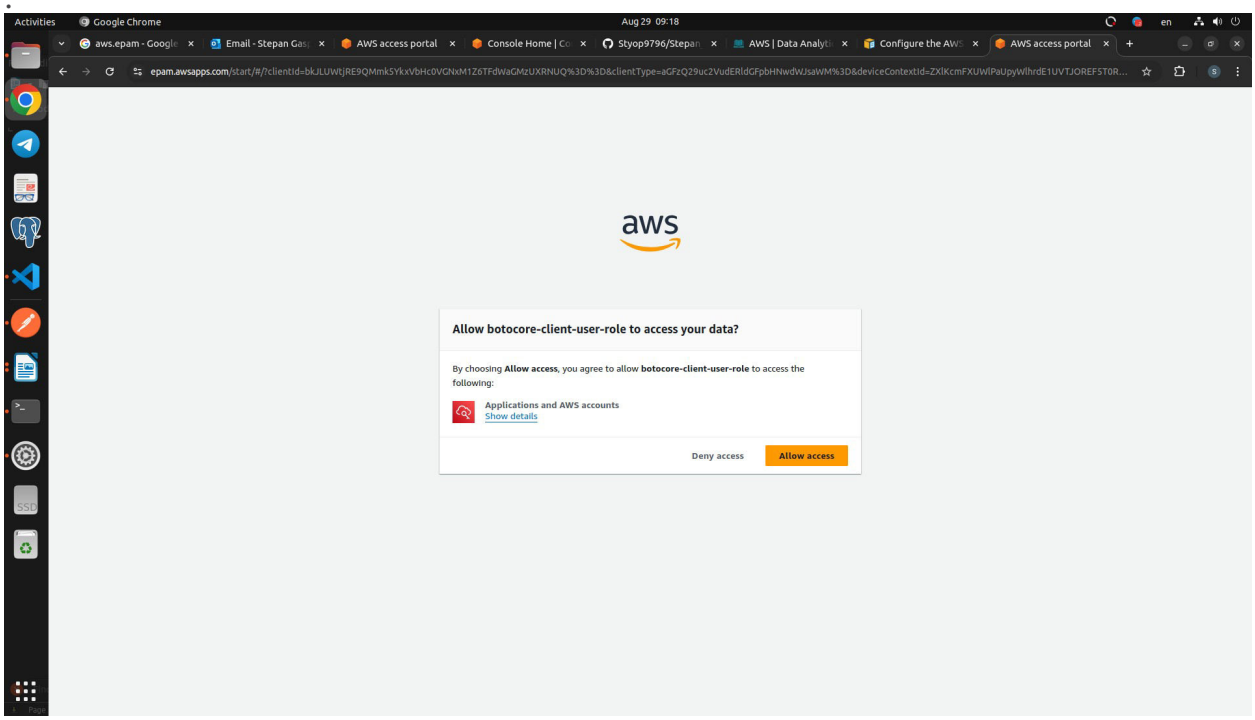
1-f. AWS CLI installed



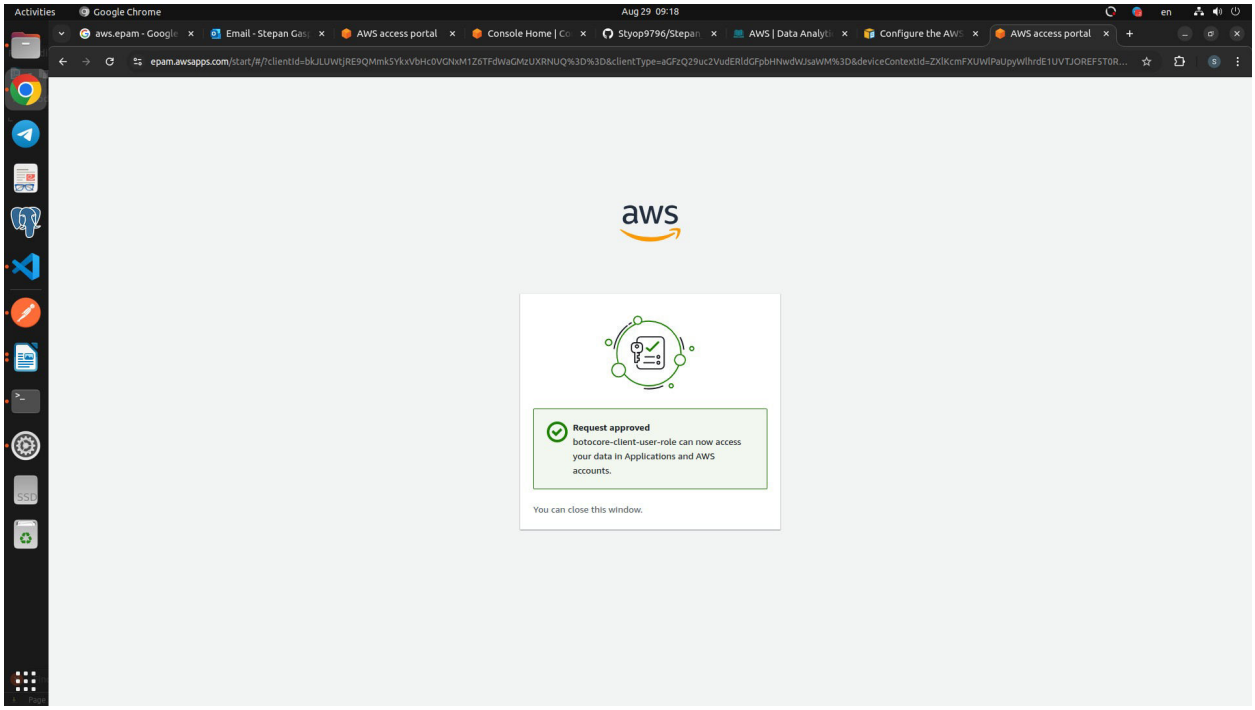
1-g.

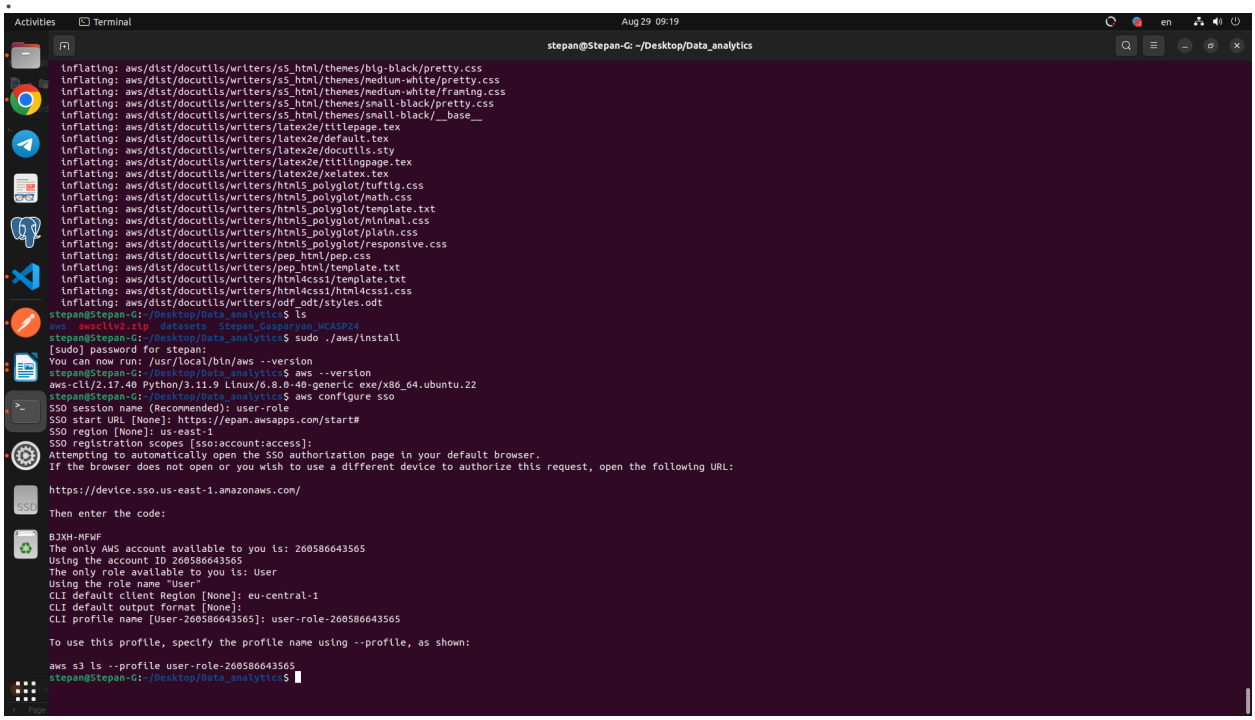

Activities
Google Chrome
Aug 29 09:17
device.sso.us-east-1.amazonaws.com/?user_code=BJXH-MFWF
aws
Authorization requested
An application or service has requested access to your AWS account(s) and resources.
Confirm this code matches the one given to you.
BJXH-MFWF
If you did not initiate this request or your codes do not match, cancel this request.
Confirm and continue
Cancel

.

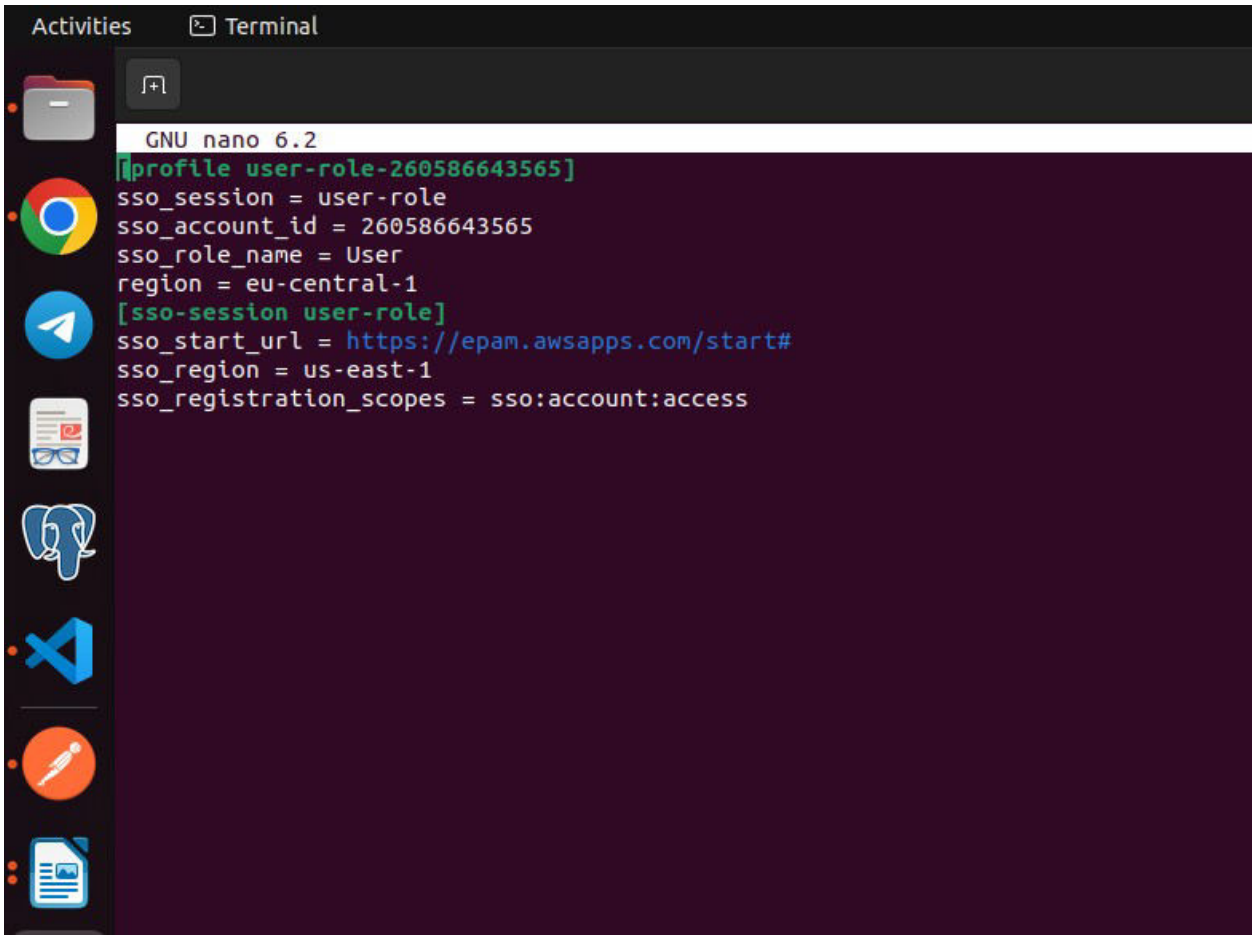

Activities
Google Chrome
Aug 29 09:18
epam.awsapps.com/start/#/?clientId=bkJLUWtjRE9QMmk5YkxVbHc0VGNxM1Z6TFdWaGMzUXRNUQ%3D%3D&clientType=aGFzQ29uc2VudERldGFpbHNwdWJsaWM%3D&deviceContextId=ZXlKcmFXUWlPaUpyWlhrdE1UVTJOREF5T0R...
aws
Allow botocore-client-user-role to access your data?
By choosing Allow access, you agree to allow botocore-client-user-role to access the following:
Applications and AWS accounts
Show details
Deny access
Allow access

.


Activities
Google Chrome
Aug 29 09:18
en
aws.epam - Google
Email - Stepan Gas
AWS access portal
Console Home | Co
Styop9796/Stepan
AWS | Data Analyti
Configure the AWS
AWS access portal
epam.awsapps.com/start/#/?clientId=bkJLUWtjRE9QMmk5YkxVbHc0VGNxM1Z6TFdWaGMzUXRNUQ%3D%3D&clientType=aGFzQ29uc2VudERldGFpbHNwdWJsaWM%3D&deviceContextId=ZXlKcmFXUWlPaUpyWlhrdE1UVTJOREF5T0R...
aws
Request approved
botocore-client-user-role can now access your data in Applications and AWS accounts.
You can close this window.

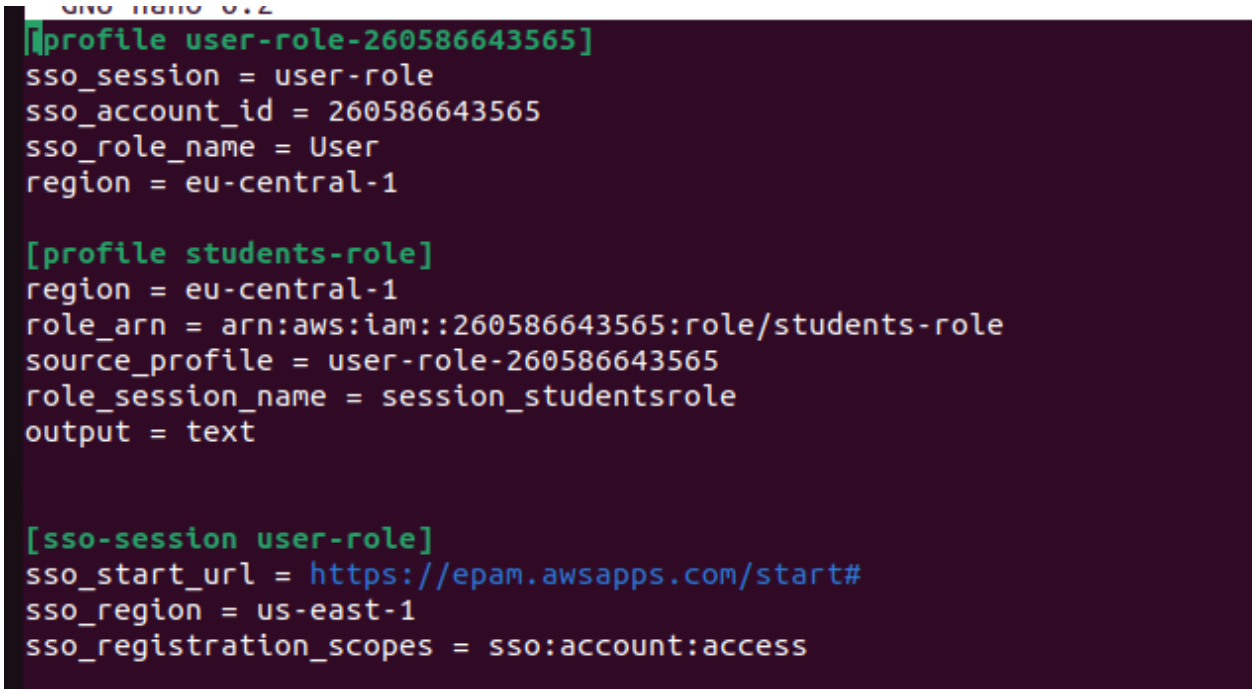

Activities
Terminal
Aug 29 09:19
en
stepan@Stepan-G: ~/Desktop/Data_analytics
inflating: aws/dist/docutils/writers/s5_html/themes/big-black/pretty.css
inflating: aws/dist/docutils/writers/s5_html/themes/medium-white/pretty.css
inflating: aws/dist/docutils/writers/s5_html/themes/medium-white/framing.css
inflating: aws/dist/docutils/writers/s5_html/themes/small-black/pretty.css
inflating: aws/dist/docutils/writers/s5_html/themes/small-black/__base__
inflating: aws/dist/docutils/writers/latex2e/titlepage.tex
inflating: aws/dist/docutils/writers/latex2e/default.tex
inflating: aws/dist/docutils/writers/latex2e/docutils.sty
inflating: aws/dist/docutils/writers/latex2e/titlingpage.tex
inflating: aws/dist/docutils/writers/latex2e/xelatex.tex
inflating: aws/dist/docutils/writers/html5_polyglot/tuftig.css
inflating: aws/dist/docutils/writers/html5_polyglot/math.css
inflating: aws/dist/docutils/writers/html5_polyglot/template.txt
inflating: aws/dist/docutils/writers/html5_polyglot/minimal.css
inflating: aws/dist/docutils/writers/html5_polyglot/plain.css
inflating: aws/dist/docutils/writers/html5_polyglot/responsive.css
inflating: aws/dist/docutils/writers/pep_html/pep.css
inflating: aws/dist/docutils/writers/pep_html/template.txt
inflating: aws/dist/docutils/writers/html4css1/template.txt
inflating: aws/dist/docutils/writers/html4css1/html4css1.css
inflating: aws/dist/docutils/writers/odf_odt/styles.odt
stepan@Stepan-G:~/Desktop/Data_analytics$ ls
aws awscliv2.zip datasets Stepan_Gasparyan_WCASP24
stepan@Stepan-G:~/Desktop/Data_analytics$ sudo ./aws/install
[sudo] password for stepan:
You can now run: /usr/local/bin/aws --version
stepan@Stepan-G:~/Desktop/Data_analytics$ aws --version
aws-cli/2.17.40 Python/3.11.9 Linux/6.8.0-40-generic exe/x86_64.ubuntu.22
stepan@Stepan-G:~/Desktop/Data_analytics$ aws configure sso
SSO session name (Recommended): user-role
SSO start URL [None]: https://epam.awsapps.com/start#
SSO region [None]: us-east-1
SSO registration scopes [sso:account:access]:
Attempting to automatically open the SSO authorization page in your default browser.
If the browser does not open or you wish to use a different device to authorize this request, open the following URL:
https://device.sso.us-east-1.amazonaws.com/
Then enter the code:
BJXH-MFWF
The only AWS account available to you is: 260586643565
Using the account ID 260586643565
The only role available to you is: User
Using the role name "User"
CLI default client Region [None]: eu-central-1
CLI default output format [None]:
CLI profile name [User-260586643565]: user-role-260586643565
To use this profile, specify the profile name using --profile, as shown:
aws s3 ls --profile user-role-260586643565
stepan@Stepan-G:~/Desktop/Data_analytics$

1-h . AWS configs



1-j

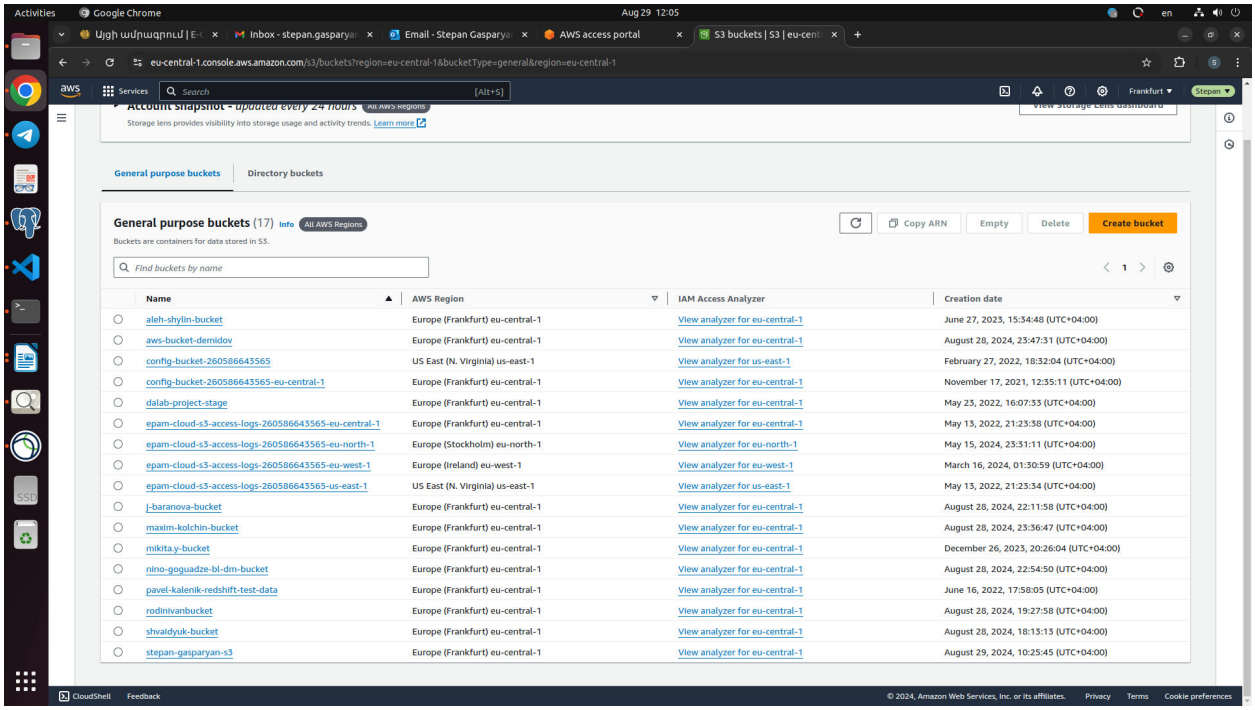
New profile



```
stepan@Stepan-G:~$ sudo nano ./aws/config
stepan@Stepan-G:~$ cd .aws/
stepan@Stepan-G:~/.aws$ ls
config  sso
stepan@Stepan-G:~/.aws$ nano config
stepan@Stepan-G:~/.aws$ nano config
stepan@Stepan-G:~/.aws$ aws sts get-caller-identity --profile students-role
{
    "UserId": "AROATZLBMUBWYHKOMEQXJ:stepan_gasparyan@epam.com",
    "Account": "260586643565",
    "Arn": "arn:aws:sts::260586643565:assumed-role/AWSReservedSSO_User_1bd09a39fab144fa/stepan_gasparyan@epam.com"
}
stepan@Stepan-G:~/.aws$
```

2-a.

Last bucket listed is mine :)

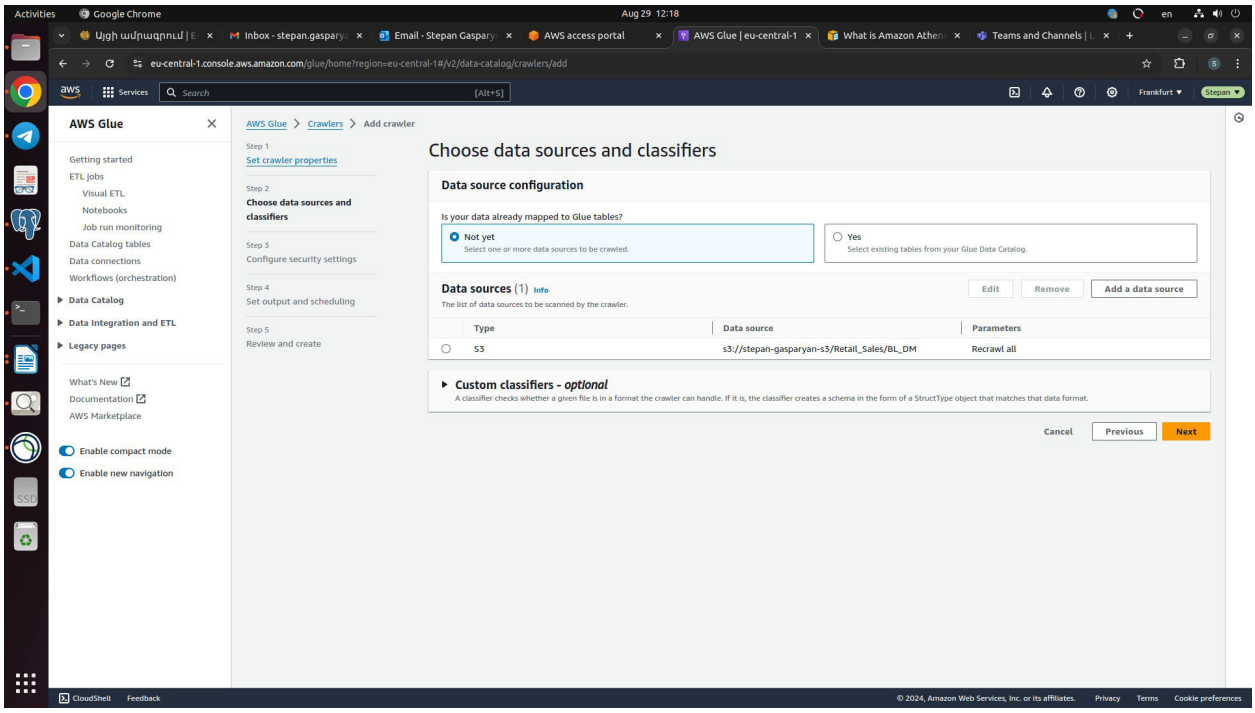


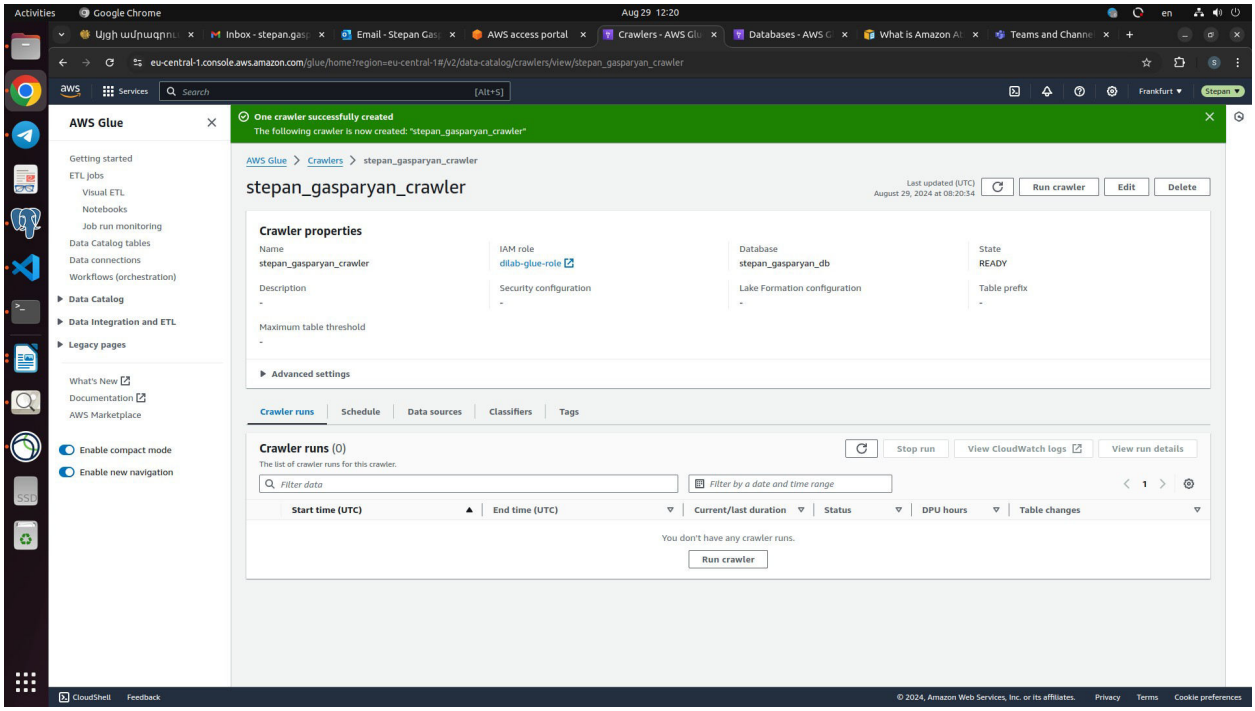
2-b-c.

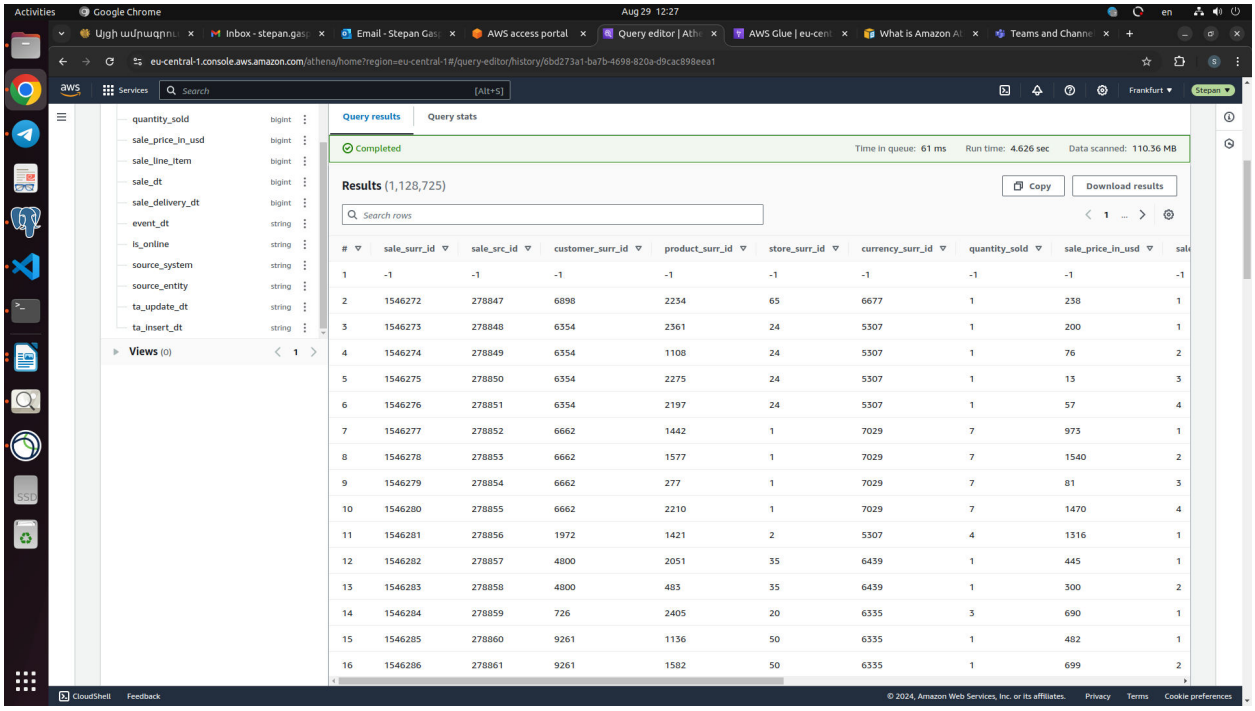
I uploaded just one file for now , because the files are in my other machine , at the moment I'm not able to upload them but for sure will upload everything later today.

```
stepan@Stepan-G:~/Desktop$ touch empty.csv
stepan@Stepan-G:~/Desktop$ nano empty.csv
stepan@Stepan-G:~/Desktop$ aws s3 cp empty.csv s3://stepan-gasparyan-s3/ --profile students-role
upload: ./empty.csv to s3://stepan-gasparyan-s3/empty.csv
stepan@Stepan-G:~/Desktop$ aws s3 cp empty.csv s3://stepan-gasparyan-s3/Retail_Sales/BL_DM/ --profile students-role
upload: ./empty.csv to s3://stepan-gasparyan-s3/Retail_Sales/BL_DM/empty.csv
stepan@Stepan-G:~/Desktop$
```

2-d.
Crawler with my s3 bucket path






Activities
Google Chrome
Aug 29 12:27
eu-central-1.console.aws.amazon.com/athena/home?region=eu-central-1#/query-editor/history/6bd273a1-ba7b-4698-820a-d9cac898eea1
Services
Search
[Alt+S]
Frankfurt
Stepan
quantity_sold bigint
sale_price_in_usd bigint
sale_line_item bigint
sale_dt bigint
sale_delivery_dt bigint
event_dt string
is_online string
source_system string
source_entity string
ta_update_dt string
ta_insert_dt string
Views (0)
Query results
Query stats
Completed
Time in queue: 61 ms
Run time: 4.626 sec
Data scanned: 110.36 MB
Results (1,128,725)
Copy
Download results
Search rows
sale_surr_id sale_src_id customer_surr_id product_surr_id store_surr_id currency_surr_id quantity_sold sale_price_in_usd
1 -1 -1 -1 -1 -1 -1 -1 -1
2 1546272 278847 6898 2234 65 6677 1 238
3 1546273 278848 6354 2361 24 5307 1 200
4 1546274 278849 6354 1108 24 5307 1 76
5 1546275 278850 6354 2275 24 5307 1 13
6 1546276 278851 6354 2197 24 5307 1 57
7 1546277 278852 6662 1442 1 7029 7 973
8 1546278 278853 6662 1577 1 7029 7 1540
9 1546279 278854 6662 277 1 7029 7 81
10 1546280 278855 6662 2210 1 7029 7 1470
11 1546281 278856 1972 1421 2 5307 4 1316
12 1546282 278857 4800 2051 35 6439 1 445
13 1546283 278858 4800 483 35 6439 1 300
14 1546284 278859 726 2405 20 6335 3 690
15 1546285 278860 9261 1136 50 6335 1 482
16 1546286 278861 9261 1582 50 6335 1 699
CloudShell
Feedback
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