**How to track AWS resource usage using shell script**

**Prerequisite :**

1. **Install AWS CLI**
2. **Configure it with aws credential**

**Install AWS CLI**

1. **Update package list-** ensure that your package lists are up to date by running:

$ sudo apt update

1. **Install aws cli using python pip-** AWS CLI is available through Python pip, so you'll need to install pip

$ sudo apt install python3-pip

1. **Install aws cli with pip -** install the AWS CLI using pip:

$ sudo pip3 install awscli

1. **Verify installation**

$ aws --version

**Configure it with aws credential**

$ aws configure

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**Start writing script**

### Always mention what is this script about using comment in the script

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### This is the basic script to list mentioned resources

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### give permission to file using chmod. Here we are giving chmod 777 to the file.but this is not a good practice.

### execute file



It will show lot of info so open it in file mode

### open file in file mode



Using pipe | more we can understand file in better way

### If I want to know script written by peers or seniors use below command in script

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### to get the simpler only instance id instead if all info like below

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We can use jq command. Above is the json format

Jq command extract json data easily. Jq is for json

Yq is for yaml

### here instance id is inside instances and instances are inside reservation

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So, command will look like below

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This will onloy show instance ID. [] shows list

### above commands will display result like below:

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**### Put this info into file**

Every output we can redirect to file(resourcetracker) by improvising script. So that any one can open file and see the output.

aws s3 ls > resourcetracker

aws ec2 describe-instances > resourcetracker

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**#### Now Integrate thus with crontab**

**### access key**

**AKIAZ4MGHKYPK2BAY5AO**

**### secret access key**

**K4UBXi6RhsB36Tl+RfDHItzrjeugg2/LC7O5K1vy**