

1)Step 22

1)Step 22

4)Step 36

```
(env1) [ec2-user@ip-10-0-0-253 20181105]$ tail pipe-slurm*.out
/data/picasso/20181105/session01/array04/channel120/cell02
spikecount
4012
Object created
Object saved to file spiketrain_d41d.hkl
time.struct.time(tm_year=2021, tm_mon=10, tm_mday=19, tm_hour=9, tm_min=18, tm_sec=8, tm_wday=1, tm_yday=292, tm_isdst=0)
3083.8568348884583
{
  "MessageId": "cc4cef23-1c17-5a83-a847-b6cb9385fdf5"
}
(env1) [ec2-user@ip-10-0-0-253 20181105]$
```

5)Time taken for the job to complete

Time = 3084 seconds

which is equivalent to 51 minutes 24 seconds

6)Time it will take to process 110 channels

$3084/8 \times 110 = 42405$ seconds

which is equivalent to 11 hours 46 mins 45 seconds

7)EC2 Dashboard

The screenshot shows the AWS Management Console for the EC2 service in the Asia Pacific (Singapore) region. The left sidebar contains navigation links for EC2 Dashboard, EC2 Global View, Events, Tags, Limits, Instances, Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations, Images, Elastic Block Store, Volumes, Snapshots, Lifecycle Manager, Network & Security, and Security Groups. The main content area is divided into several sections:

- Resources:** A summary of EC2 resources in the region, including Instances (running), Dedicated Hosts, Elastic IPs, Instances, Key pairs, Load balancers, Placement groups, Security groups, Snapshots, and Volumes.
- Launch instance:** A section to get started, launch an Amazon EC2 instance, which is a virtual server in the cloud. It includes a "Launch Instance" button and a "Migrate a server" link.
- Service health:** A section to check the service health, including a "Service Health Dashboard" link.
- Zones:** A table showing the available zones in the region, including Zone name and Zone ID.
- Scheduled events:** A section to view scheduled events.
- Account attributes:** A section to view account attributes, including Supported platforms, Default VPC, Settings, EBS encryption, Zones, EC2 Serial Console, Default credit specification, and Console experiments.
- Explore AWS:** A section to explore AWS services, including "Save up to 90% on EC2 with Spot Instances", "10 Things You Can Do Today to Reduce AWS Costs", and "Enable Best Price-Performance with AWS Graviton2".

8) Elastic Compute Cloud charges

aws

Services ▾

Cost & Usage Reports

Cost Categories


Cost allocation tags

Cost Management

Cost Explorer

Budgets


Budgets Reports

Savings Plans 

Preferences

Billing preferences

Payment methods

Consolidated billing 

Tax settings

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Credits

Your invoiced total will be displayed once an invoice is issued.

Details

Expand All

AWS Service Charges

\$0.00

CloudWatch

\$0.00

Data Transfer

\$0.00

DynamoDB

\$0.00

Elastic Compute Cloud

\$0.00

No Region

-\$33.72

Asia Pacific (Singapore)

\$33.72

Amazon Elastic Compute Cloud running Linux/UNIX

\$0.25

\$0.00 per Linux t2.micro instance-hour (or partial hour) under monthly free tier

130.782 Hrs

\$0.00

\$0.088 per On Demand Linux c5a.large Instance Hour

2.863 Hrs

\$0.25

\$0.098 per On Demand Linux c5.large Instance Hour

0.041 Hrs

\$0.00

EBS

\$33.47

\$0.00 per GB-month of General Purpose (SSD) provisioned storage under monthly free tier

30.000 GB-Mo

\$0.00

\$0.00 per GB-Month of snapshot data stored under monthly free tier

1.000 GB-Mo

\$0.00

\$0.05 per GB-Month of snapshot data stored - Asia Pacific (Singapore)

356.192 GB-Mo

\$17.81

\$0.12 per GB-month of General Purpose SSD (gp2) provisioned storage - Asia Pacific (Singapore)

130.479 GB-Mo

\$15.66

Key Management Service

\$0.00

Lambda

\$0.00

Route 53

\$0.00

Simple Notification Service

\$0.00

Simple Queue Service

\$0.00

Simple Storage Service

\$0.00

9) AWS credits

0WS

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Global

Support

Home

Billing

Bills

Payments

Credits

Purchase orders

Cost & Usage Reports

Cost Categories

Cost allocation tags

Cost Management

Cost Explorer

Budgets

Budgets Reports

Savings Plans

Preferences

Billing preferences

Payment methods

Consolidated billing

Tax settings

AWS Billing

Credits

Credits

Info

Redeem credit

Tuesday, October 19, 2021 at 6:10:45 PM GMT+8

Credits

Last 6 months of inactive credits

Summary

Total amount remaining

\$400.00

Total amount used

\$0.00

Active credits

1

Credits

Info

Find a credit

< 1 >

Expiration date

Credit name

Amount used

Amount remaining

Applicable products

07/31/2023

National University of Singapore

\$0.00

\$400.00

See complete list of services

10) Budgets Overview

aws

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Home

Billing

Bills

Payments

Credits

Purchase orders

Cost & Usage Reports

Cost Categories

Cost allocation tags

Cost Management

Cost Explorer

Budgets

Budgets Reports

Savings Plans

Preferences

Billing preferences

Payment methods

Consolidated billing

Tax settings

Billing Console > Budgets > Overview

Overview

Budgets (1)

Find a budget

Show all budgets

Download CSV

Actions

Create budget

	Name	Thresholds	Budget	Amount used	Forecasted amount	Current vs. budgeted	Forecasted vs. budgeted
<input type="checkbox"/>	EE3801	OK	\$400.00	\$34.22	-	8.56%	-