ICT & Infra S3 Supporting Services and Monitoring week 6

Class:	I3-CB01
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Introduction
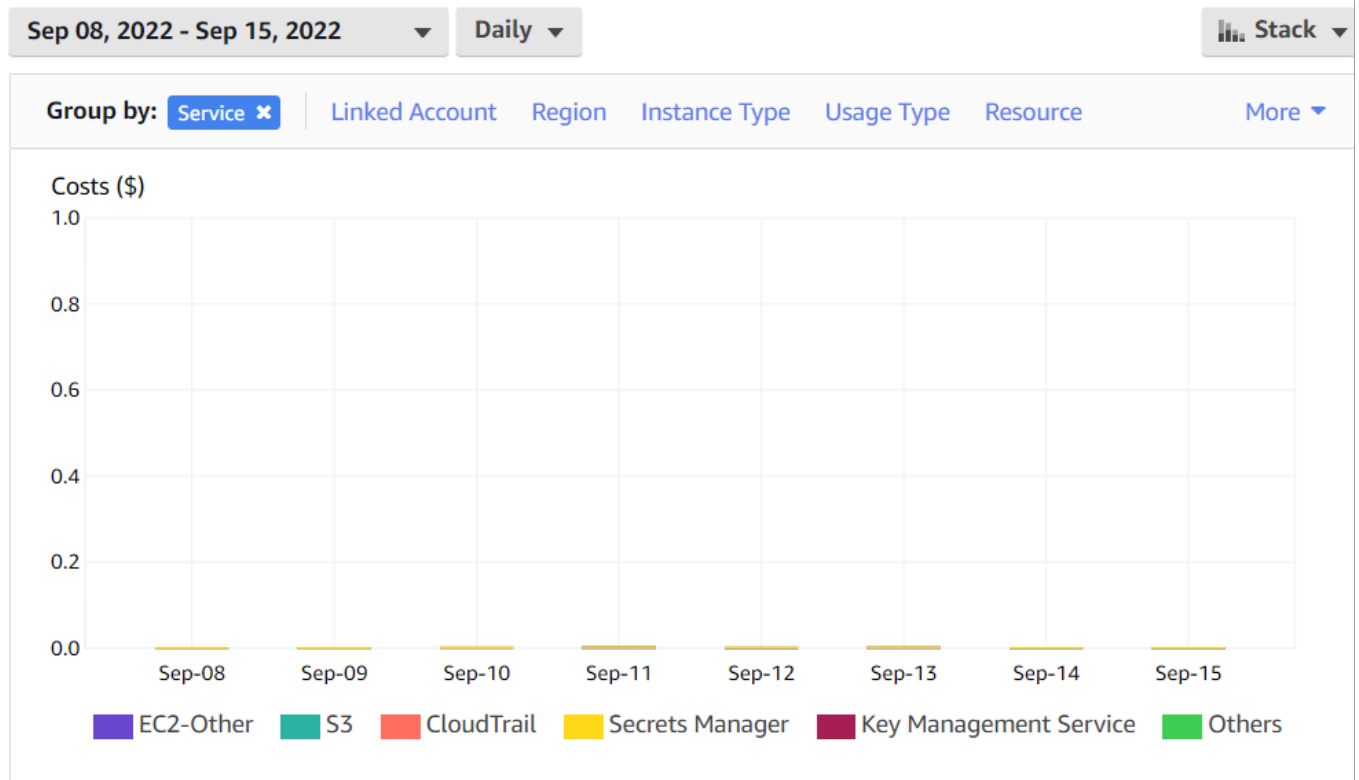
Assignment 1. Cost Explorer
Difficulty: ★☆☆☆☆.

1. In the AWS Cost Explorer create a report with daily charges for usage. Pick a time span which you find most convenient.

2. Try 2-3 different groupings. Provide the screenshot below

3. Explain how the cloud usage of the recent days is reflected in your report. Which assignments have contributed to increased/decreased consumption and costs?

Provide below the explanations and the screenshots from AWS and upload the file to Canvas.

Solution:
Near the start of this year, there wasn't a lot of costs as we were only getting used to aws/ setting up accounts

Sep 15, 2022 - Sep 22, 2022 ▼   Daily ▼   📊 Stack ▼
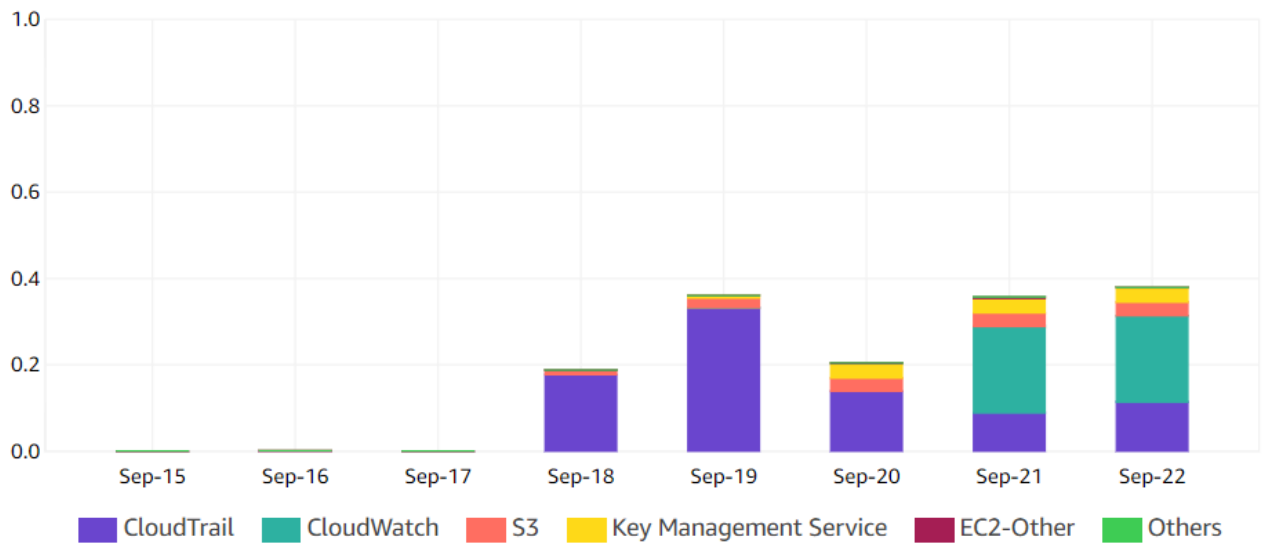
Group by: Service ✖   Linked Account   Region   Instance Type   Usage Type   Resource   More ▼

Costs ($)

Legend: CloudTrail, CloudWatch, S3, Key Management Service, EC2-Other, Others

In the next week you can see some activity as we began to learn about cloud trail, cloud watch and s3.

Sep 22, 2022 - Sep 29, 2022 ▼   Daily ▼   📊 Stack ▼
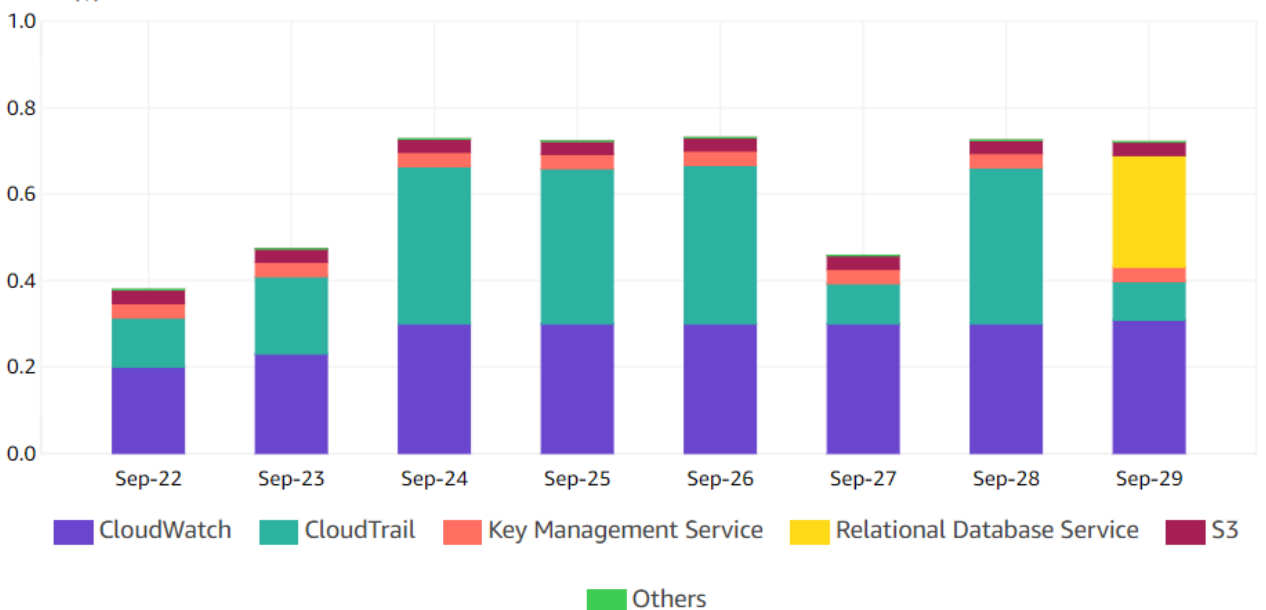
Group by: Service ✖   Linked Account   Region   Instance Type   Usage Type   Resource   More ▼

Costs ($)

Legend: CloudWatch, CloudTrail, Key Management Service, Relational Database Service, S3, Others
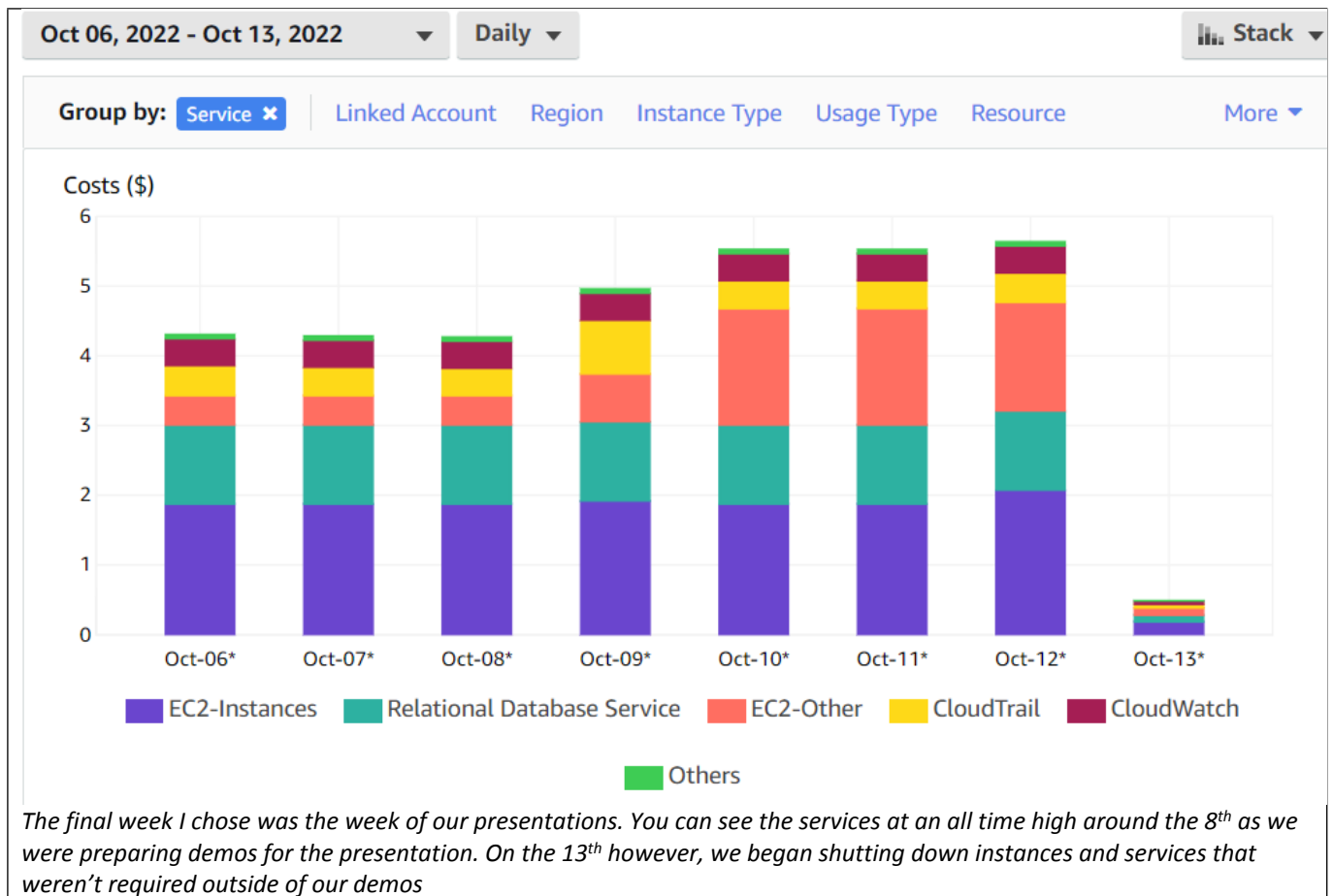
In the week after, you can see costs rising as we began using AWS more in assignments and our case study. Cloudwatch and Cloudtrail are the highest here as we had an assignment in those concepts for MSS week 3

| Oct 06, 2022 - Oct 13, 2022 ▼ | Daily ▼ | | | | | | Stack ▼ |

Group by: Service ✖   Linked Account   Region   Instance Type   Usage Type   Resource   More ▼

Costs ($)

Legend: ■ EC2-Instances   ■ Relational Database Service   ■ EC2-Other   ■ CloudTrail   ■ CloudWatch   ■ Others

The final week I chose was the week of our presentations. You can see the services at an all time high around the 8th as we were preparing demos for the presentation. On the 13th however, we began shutting down instances and services that weren't required outside of our demos

Assignment 2. Cost Estimation

Difficulty: ★★☆☆☆.

1. Using the AWS Calculator provide the estimation of the costs for the infrastructure you are planning to use for your case study.
2. You may assume that
   a. the usage pattern will be 24/7,
   b. you also will need 5 elastic Ips
   c. you have 10.000 clients who on average download 20 MB from your web service(-s) every month.

My Estimate Edit ✎

Estimate summary Info

Upfront cost	Monthly cost	Total 12 months cost
0.00 USD	445.10 USD	**5,341.20 USD**
		Includes upfront cost

Getting Started with AWS

Contact Sales | Sign in to the Console

My Estimate

Duplicate | Delete | Move to | Create group | Add support | **Add service**

🔍 Find resources

☐	Service Name ▲		Upfront cost ▽	Monthly cost ▽	Description ▽	Region ▽	Config Summary ▽
☐	Amazon EC2	✎	0.00 USD	444.97 USD	-	Europe (Frankfurt)	Operating syste...
☐	Amazon Elastic IP	✎	0.00 USD	0.13 USD	-	Europe (Frankfurt)	Number of EC2 i...