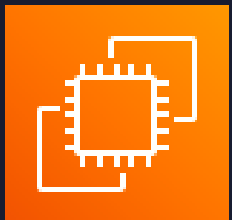
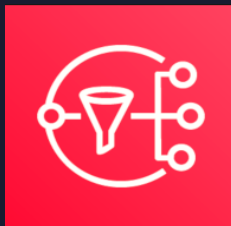
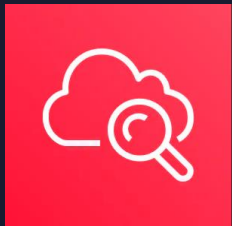


PRÁCTICAS DE LABORATORIO

Guillermina Antonaccio

Vigésimo Séptimo
laboratorio (281):

Supervisar una instancia
EC2



Supervisar una instancia:

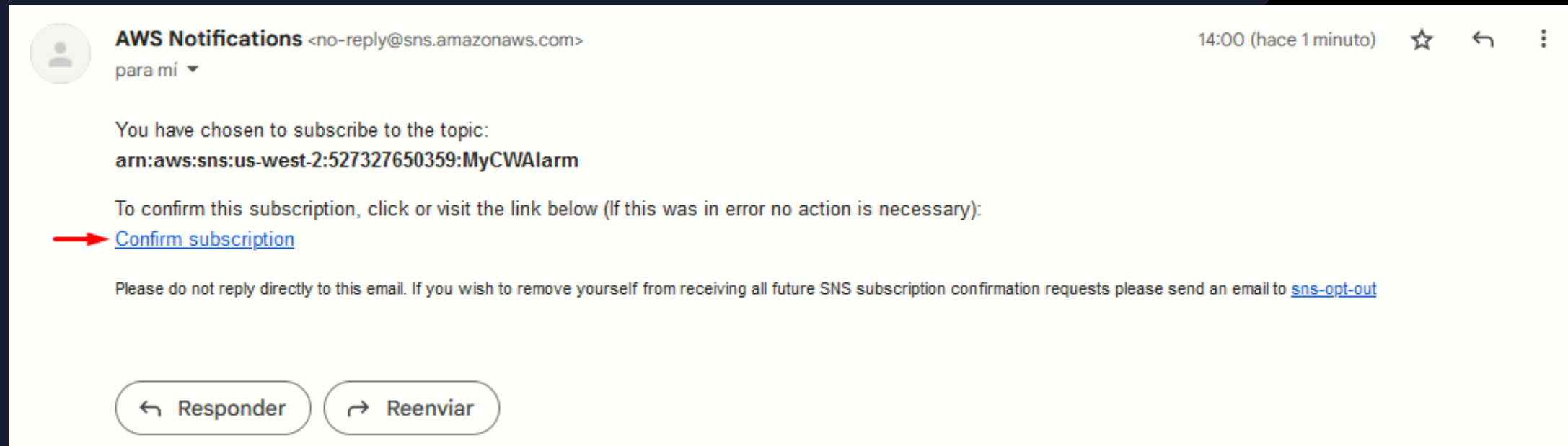
1-En esta tarea debíamos crear un SNS y luego suscribirnos a él con nuestra dirección de email.

The screenshot shows the Amazon SNS console interface. On the left is a navigation sidebar with links to Dashboard, Topics, Subscriptions, and a Mobile section containing Push notifications, Text messaging (SMS), and Origination numbers. The main content area displays details for a topic named 'MyCWAlarm', including its ARN and type. Below this, a 'Subscriptions' tab is active, showing a table with one subscription. The subscription's status is 'Confirmed', indicated by a green checkmark and a red arrow. The bottom of the console features a footer with CloudShell, Feedback, and copyright information.

ID	Endpoint	Status	Protocol
51e75b08-aa91-4143-95...	guillerminaantonaccio@g...	Confirmed	EMAIL

Supervisar una instancia:

1-Aquí está el email de la confirmación del SNS para que pueda mandar alertas a nuestro correo electrónico que asociamos con el tema SNS.



Supervisar una instancia:

2-En la segunda tarea, creamos una alarma de CloudWatch para que nos mande un correo electrónico mediante el SNS que creamos antes si la instancia EC2 aumenta más del 60% de la utilización de la CPU

The screenshot displays the AWS CloudWatch Alarms console. A green banner at the top indicates 'Successfully created alarm LabCPUUtilizationAlarm.' with a 'View alarm' button. The left sidebar shows the 'CloudWatch' navigation menu with 'All alarms' highlighted. The main content area shows a list of alarms with the following details:

	Name	State	Last state update	Conditions	Actions
<input checked="" type="checkbox"/>	LabCPUUtilizationAlarm	Insufficient data	2023-11-15 17:17:18	CPUUtilization > 60 for 1 datapoints within 1 minute	Actions enabled

Supervisar una instancia:

3-En la tercera tarea, forzamos el CPU de la instancia EC2 a que supere el 60% del uso, mediante un comando. Esto hace que Amazon SNS nos mande una notificación por correo electrónico a la dirección de correo electrónico asociada con el tema de SNS.

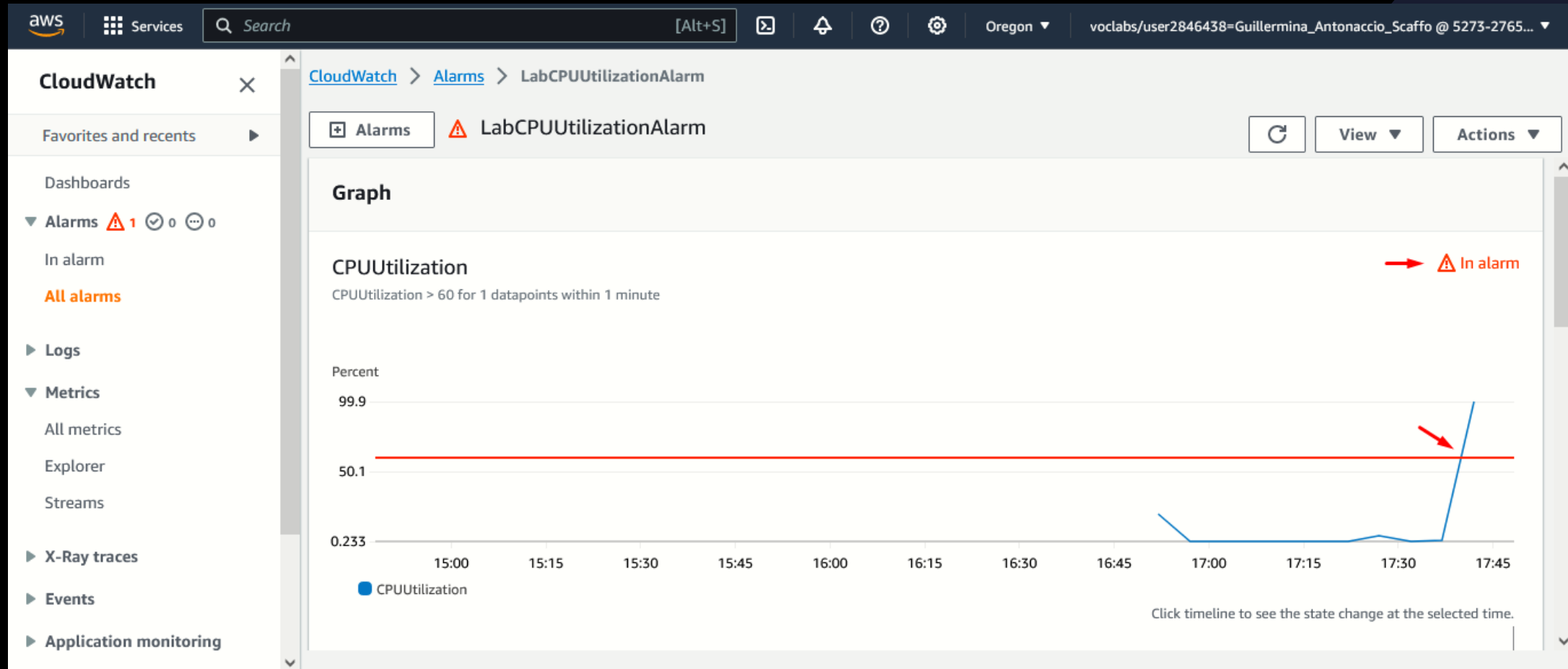
Session ID: Instance ID: i-0efbeff7c81dbfc71
user2846438=Guillermina_Antonaccio_Scaffo-03671aa36fac1812f

```
sh-4.2$ sudo stress --cpu 10 -v --timeout 400s
stress: info: [32198] dispatching hogs: 10 cpu, 0 io, 0 vm, 0 hdd
stress: debug: [32198] using backoff sleep of 30000us
stress: debug: [32198] setting timeout to 400s
stress: debug: [32198] --> hogcpu worker 10 [32199] forked
stress: debug: [32198] using backoff sleep of 27000us
stress: debug: [32198] setting timeout to 400s
stress: debug: [32198] --> hogcpu worker 9 [32200] forked
stress: debug: [32198] using backoff sleep of 24000us
stress: debug: [32198] setting timeout to 400s
stress: debug: [32198] --> hogcpu worker 8 [32201] forked
stress: debug: [32198] using backoff sleep of 21000us
stress: debug: [32198] setting timeout to 400s
stress: debug: [32198] --> hogcpu worker 7 [32202] forked
stress: debug: [32198] using backoff sleep of 18000us
stress: debug: [32198] setting timeout to 400s
stress: debug: [32198] --> hogcpu worker 6 [32203] forked
stress: debug: [32198] using backoff sleep of 15000us
stress: debug: [32198] setting timeout to 400s
stress: debug: [32198] --> hogcpu worker 5 [32204] forked
stress: debug: [32198] using backoff sleep of 12000us
stress: debug: [32198] setting timeout to 400s
stress: debug: [32198] --> hogcpu worker 4 [32205] forked
stress: debug: [32198] using backoff sleep of 9000us
stress: debug: [32198] setting timeout to 400s
stress: debug: [32198] --> hogcpu worker 3 [32206] forked
stress: debug: [32198] using backoff sleep of 6000us
stress: debug: [32198] setting timeout to 400s
stress: debug: [32198] --> hogcpu worker 2 [32207] forked
stress: debug: [32198] using backoff sleep of 3000us
stress: debug: [32198] setting timeout to 400s
```

[Terminate](#)

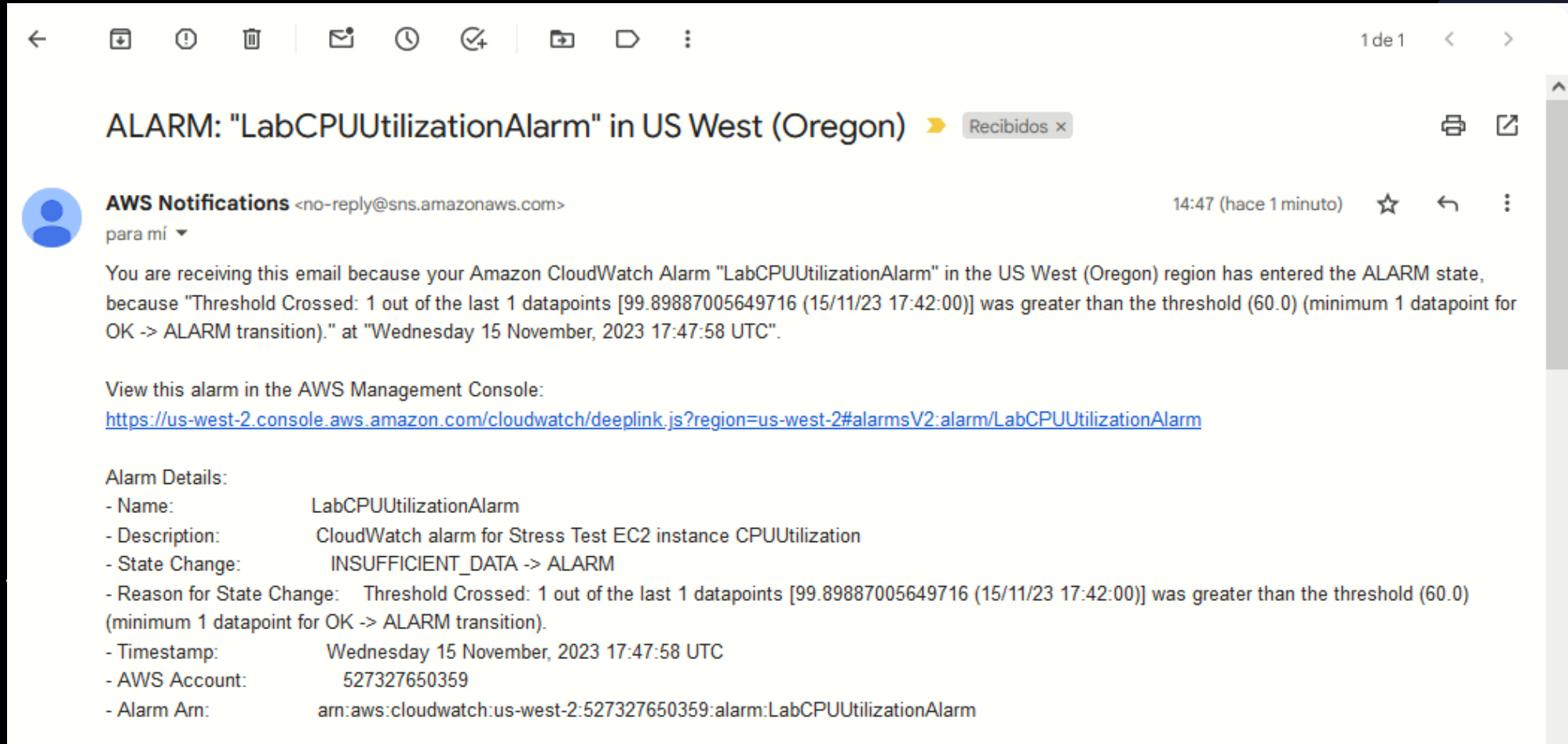
Supervisar una instancia:

3-Podemos confirmar el aumento del uso de la CPU en los gráficos de Amazon CloudWatch.



Supervisar una instancia:

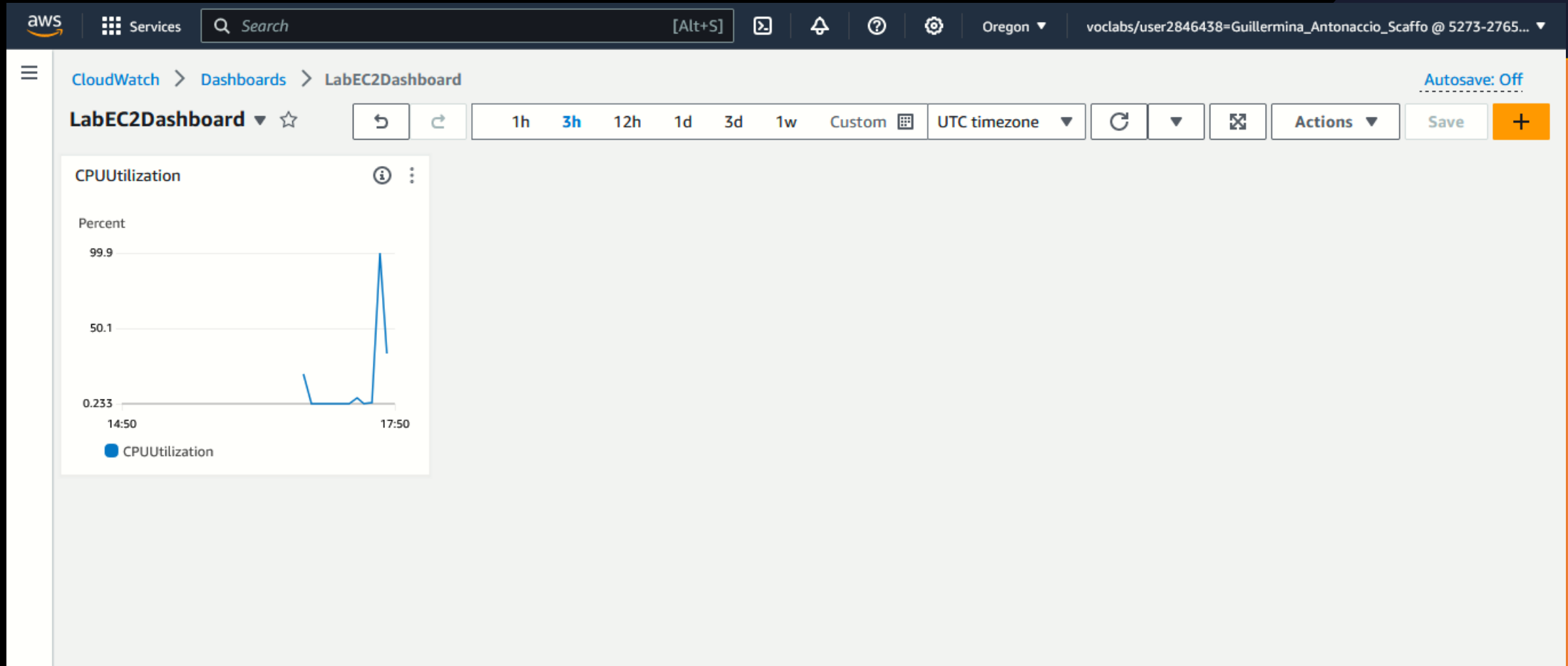
3-Aquí se puede ver que Amazon SNS nos mandó un email para alertarnos de que la CPU había sobrepasado el 60% de uso en nuestra instancia EC2.




Supervisar una instancia:



4-En esta tarea creamos un panel de Amazon CloudWatch (o un dashboard) de la utilización de la CPU de nuestra EC2. Los paneles son páginas de inicio personalizables que podemos crear para monitorear nuestros recursos.





Aquí termina el
laboratorio, muchas
gracias