

# Creación de alertas de consumo

- Para comprobar si tu uso sobrepasa el “*Free Tier*”
  - Una vez dentro de amazon accedemos a <https://console.aws.amazon.com/billing/home?#>
  - En el panel de la izquierda hacemos click en *Preferences* y seleccionamos *Receive Billing Alerts*
  - Hacemos click en *Save Preferences*
  - La activación puede tardar 15 minutos

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The screenshot displays the AWS Billing Management Console interface. The main content area shows the 'Monthly Spend' for March 2014, with a current balance of \$0.04. A green progress bar is visible below the balance. The 'Alerts & Notifications' section contains a warning icon and text: 'Estimated charges have exceeded the threshold for 1 of your 1 alert(s)'. The 'By Service' section features a donut chart and a table of top services.

Top Services	Amount
S3	\$0.04
DataTransfer	\$0.00
SNS	\$0.00
SimpleDB	\$0.00
EC2	\$0.00
Tax	\$0.00
<b>Total</b>	<b>\$0.04</b>

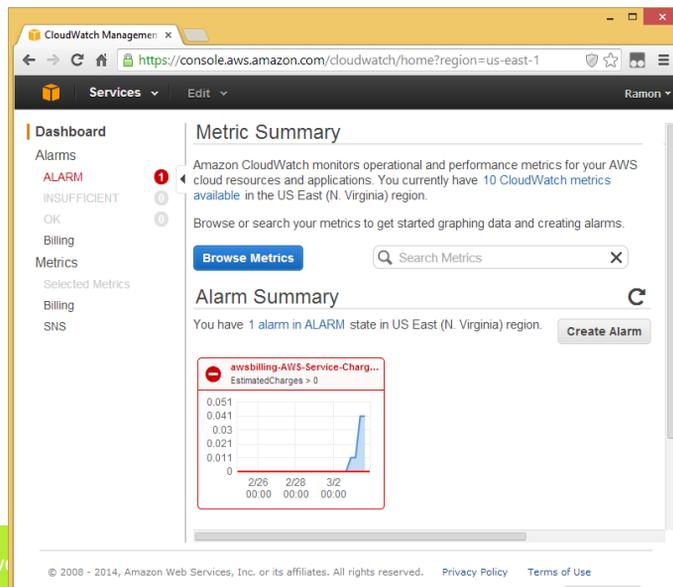
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# Creación de alertas de consumo

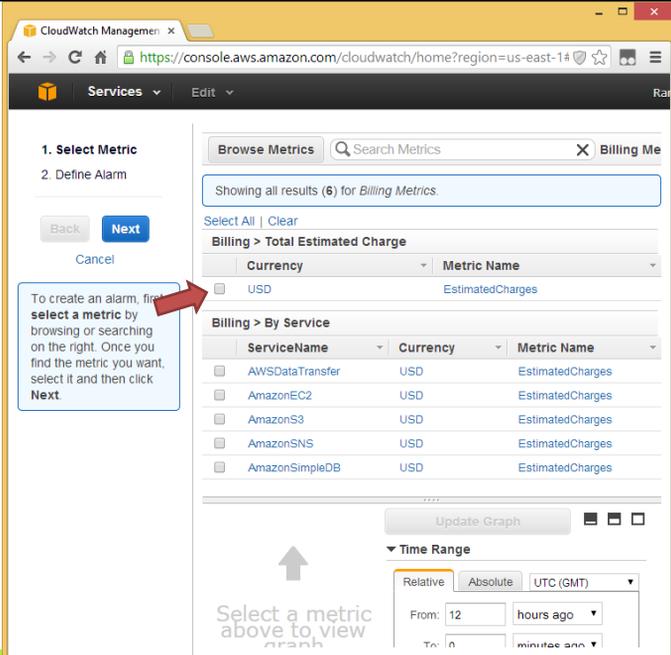
- Para comprobar si tu uso sobrepasa el “*Free Tier*”
  - Abrimos la aplicación de CloudWatch
    - <https://console.aws.amazon.com/cloudwatch>
  - Cambiamos la zona a US East (N. Virginia) para crear las alertas de facturación

# Creación de alertas de consumo



# Creación de alertas de consumo

- Para comprobar si tu uso sobrepasa el “Free Tier”
  - Hacemos click en Alarms (panel de la izquierda) y luego en Create Alarm
  - Hacemos click en Billing Metrics y despues seleccionamos EstimatedCharges en “Total Estimated Charges”
  - Pulsamos Next



The screenshot shows the AWS CloudWatch console interface. On the left, the 'Define Alarm' step is active, with a 'Next' button highlighted. A red arrow points from the 'Next' button to the 'Billing > Total Estimated Charge' metric in the main panel. The main panel displays a table of metrics under the 'Billing' category, with 'EstimatedCharges' selected for the 'Total Estimated Charge' metric. Below the table, there are options for 'Time Range' and 'Update Graph'.

To create an alarm, first select a metric by browsing or searching on the right. Once you find the metric you want, select it and then click Next

ServiceName	Currency	Metric Name
AWSDataTransfer	USD	EstimatedCharges
AmazonEC2	USD	EstimatedCharges
AmazonS3	USD	EstimatedCharges
AmazonSNS	USD	EstimatedCharges
AmazonSimpleDB	USD	EstimatedCharges

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CloudWatch Management x

https://console.aws.amazon.com/cloudwatch/home?region=us-east-1#alarmWizard:

Services Edit Ramon N. Virginia Help

1. Select Metric  
2. Define Alarm

Back Next  
Cancel

Please set the alarm threshold, actions and click **Create Alarm** below.

**Create Alarm**

### Alarm Threshold

Provide the details and threshold for your alarm. Use the graph on the right to help set the appropriate threshold.

Name:

Description:

Whenever charges for: EstimatedCharges  
is:  USD \$

### Alarm Preview

This alarm will trigger when the blue line goes above the **red line**

EstimatedCharges > 0

0.051  
0.041  
0.03  
0.021  
0.011  
0

2/26 00:00 2/28 00:00 3/2 00:00

Namespace: AWS/Billing  
Currency:   
Metric Name:

### Actions

Define what actions are taken when your alarm changes state.

Notification Delete

Whenever this alarm:

Send notification to:  Create topic

Email list:

+ Notification + AutoScaling Action + EC2 Action

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# Notificación de alertas

- Por email

ALARM: "awsbilling-AWS-Service-Charges-total" in US - N. Virginia Inbox x

AWS Notifications <no-reply@sns.amazonaws.com> 00:38 (8 hours ago) ☆ ↶ ↷

to me (v)

You are receiving this email because your estimated charges are greater than the limit you set for the alarm "awsbilling-AWS-Service-Charges-total" in AWS Account 684449322475.

The alarm limit you set was \$ .00 USD. Your total estimated charges accrued for this billing period are currently \$ .01 USD as of Sunday 02 March, 2014 23:38:17 UTC. The actual charges you will be billed in this statement period may differ from the charges shown on this notification. For more information, view your estimated bill at <http://aws.amazon.com/account>.

More details about this alarm are provided below.

# Notificación de alertas

- Por email

Amazon CloudWatch Alarm "awsbilling-AWS-Service-Charges-total" in the US - N. Virginia region has entered the ALARM state, because "Threshold Crossed: 1 datapoint (0.01) was greater than the threshold (0.0)." at "Sunday 02 March, 2014 23:38:17 UTC".

View this alarm in the AWS Management Console:

<https://console.aws.amazon.com/cloudwatch/home?region=us-east-1#s=Alarms&alarm=awsbilling-AWS-Service-Charges-total>

**Alarm Details:**

- Name: awsbilling-AWS-Service-Charges-total
- Description: Created from CloudWatch console
- State Change: OK -> ALARM
- Reason for State Change: Threshold Crossed: 1 datapoint (0.01) was greater than the threshold (0.0).
- Timestamp: Sunday 02 March, 2014 23:38:17 UTC
- AWS Account: 684449322475

**Threshold:**

- The alarm is in the ALARM state when the metric is GreaterThanThreshold.00 for 21600 seconds.

**Monitored Metric:**

- MetricNamespace: AWS/Billing
- MetricName: EstimatedCharges
- Dimensions: [Currency = USD]
- Period: 21600 seconds
- Statistic: Maximum
- Unit: not specified

**State Change Actions:**

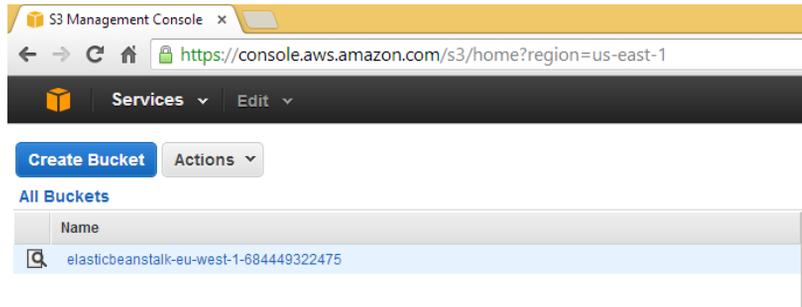
- OK:
- ALARM: [arn:aws:sns:us-east-1:684449322475:NotifyMe]
- INSUFFICIENT\_DATA:

# Identificando el problema

<b>AWS Service Charges</b>	<b>\$0.01</b>
<input type="checkbox"/> <b>Amazon Elastic Compute Cloud</b>	<b>\$0.00</b>
<a href="#">Download Usage Report &gt;</a>	
<b>US East (Northern Virginia) Region</b>	
<b>Amazon CloudWatch</b>	
\$0.00 per alarm-month - first 10 alarms	0.066 Alarms 0.00
<input type="checkbox"/> <b>Amazon SimpleDB</b>	<b>\$0.00</b>
<a href="#">Download Usage Report &gt;</a>	
<b>US East (Northern Virginia) Region</b>	
\$0.00 per GB-Month of storage for first 1 GB-Month	0.000000 GB-Mo 0.00
<input type="checkbox"/> <b>Amazon Simple Notification Service</b>	<b>\$0.00</b>
<a href="#">Download Usage Report &gt;</a>	
<b>US East (Northern Virginia) Region</b>	
First 1,000,000 Amazon SNS API Requests per month are free	1 Request 0.00
First 1,000 Amazon SNS Email/Email-JSON Notifications per month are free	1 Notification 0.00
<input type="checkbox"/> <b>Amazon Simple Storage Service</b>	<b>\$0.01</b>
<a href="#">Download Usage Report &gt;</a>	
<b>EU (Ireland) Region</b>	
\$0.085 per GB - first 1 TB / month of storage used	0.000009 GB-Mo 0.01
<input type="checkbox"/> <b>AWS Data Transfer (excluding Amazon CloudFront)</b>	<b>\$0.00</b>
<input type="checkbox"/> <b>VAT to be collected</b>	<b>\$0.00</b>
<input type="checkbox"/> <b>GST to be collected</b>	<b>\$0.00</b>
<input type="checkbox"/> <b>US Tax to be collected</b>	<b>\$0.00</b>

† Usage and recurring charges for this statement period will be charged on your next billing date, April 1, 2014. Estimated charges shown on

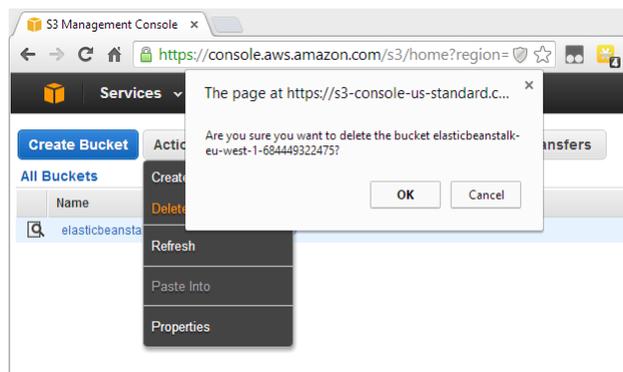
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