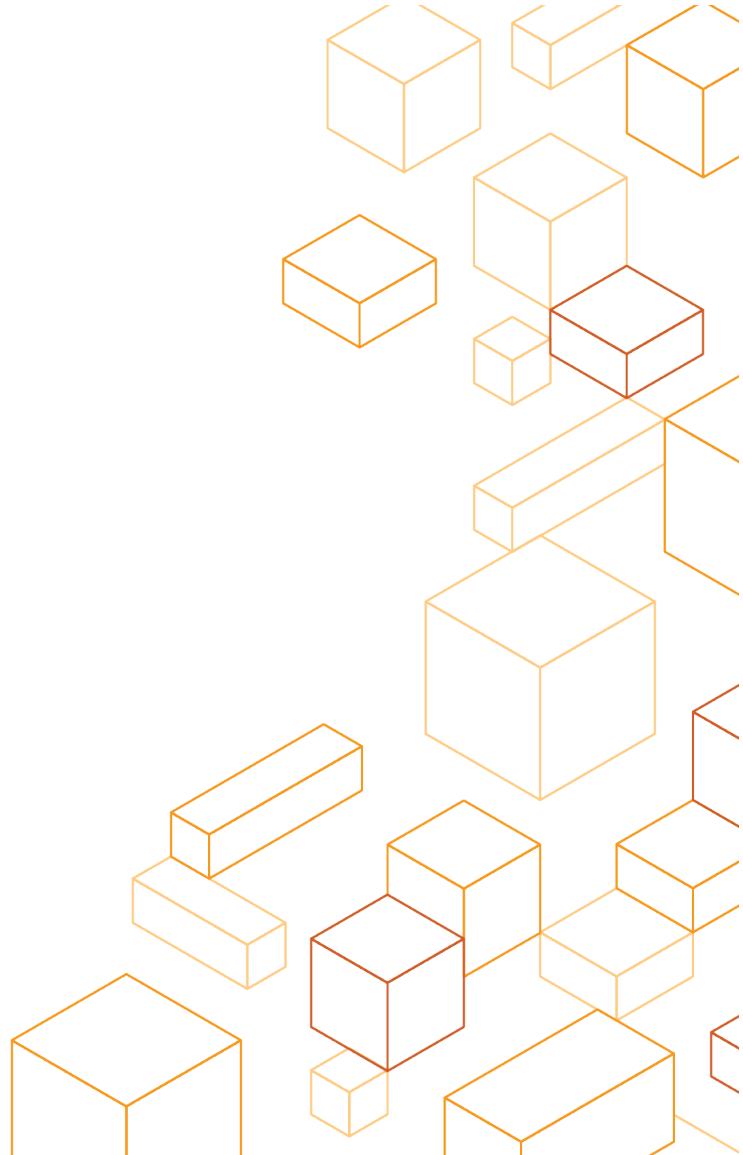




Formas para reducir la cuenta de AWS

AWS Cloud Economics

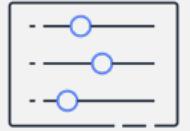
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Lo que hemos oído

- Hemos estado hablando con clientes en todo el mundo
- Es una situación diferente
- La forma de uso está cambiando

La cuenta de AWS siempre debe estar optimizada.



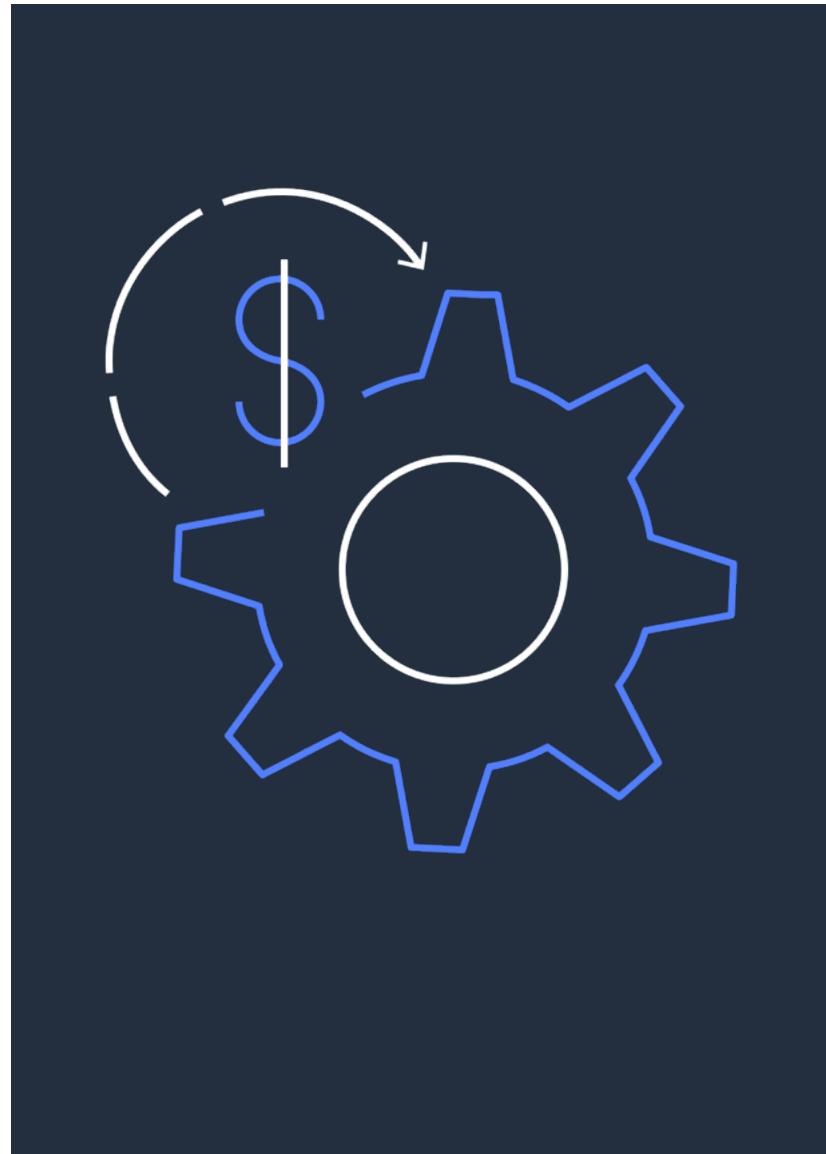
Kahoot

www.kahoot.it

Quiero que mi factura de AWS llegue
por un valor menor

Objetivo

Reducir sus facturas de AWS



Lo que veremos hoy

Herramientas y acciones
que ayudan a reducir la
cuenta de AWS



Para empezar...



Kahoot

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¿Cuál de estas herramientas NO me
ayuda a medir mi consumo de AWS?

Lo primero es medir |

- Factura
- Cost Explorer
- Cost & Usage Report (CUR)

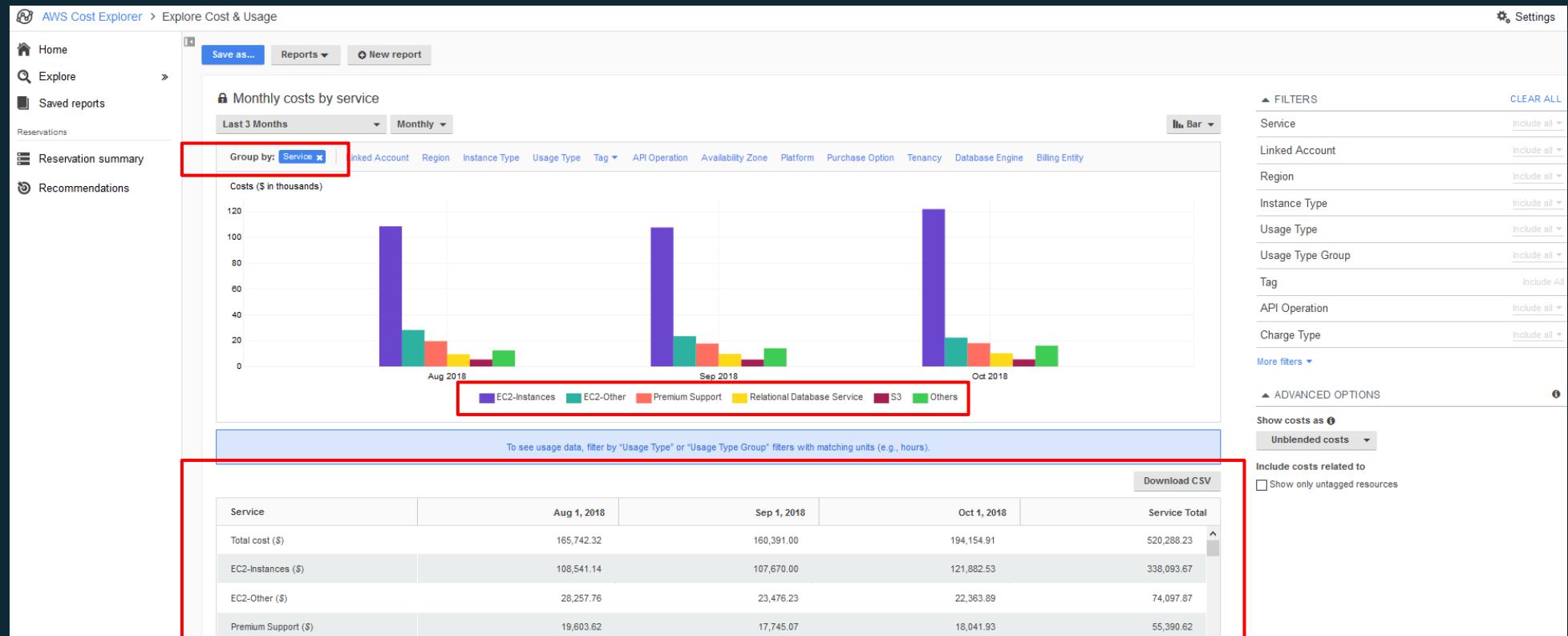


Factura



AWS Service Charges	\$9,813.68
▶ Alexa for Business	\$10.83
▶ Amazon Chime	\$0.00
▶ Amazon Connect	\$0.41
▶ CloudSearch	\$38.35
▶ CloudTrail	\$156.18
▶ CloudWatch	\$64.51
▶ CloudWatch Events	\$0.38
▶ Config	\$11.51
▶ Contact Center Telecommunications (service sold by AMCS, LLC)	\$1.00
▶ Cost Explorer	\$2.59
▶ Data Pipeline	\$4.52
▶ Data Transfer	\$1.07
▶ Database Migration Service	\$395.20
▶ Directory Service	\$448.11
▶ DynamoDB	\$216.82
▶ EC2 Container Registry (ECR)	\$0.29
▶ EC2 Container Service	\$118.48
▶ Elastic Compute Cloud	\$2,079.45
▶ Elastic Container Service for Kubernetes	\$130.00
▶ Elastic File System	\$0.07
▶ Elastic MapReduce	\$68.80
▶ ElastiCache	\$779.35
▶ Elasticsearch Service	\$1,955.85
▶ Firewall Manager	\$145.72

Cost Explorer



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Cost & Usage Report (CUR)



M	N	O	P	R	S	T
lineItem/ProductCode	lineItem/UsageType	lineItem/Operation	lineItem/AvailabilityZone	lineItem/UsageAmount	lineItem/CurrencyCode	lineItem/LineItemDescription
AmazonEC2	CW:AlarmMonitorUsage	Unknown		0.00134409	USD	\$0.00 per alarm-month - first 10 alarms
AmazonS3	Requests-Tier1	ListAllMyBuckets		2	USD	\$0.00 per request - PUT, COPY, POST, or LIST requests under the monthly global free tier
AmazonEC2	CW:AlarmMonitorUsage	Unknown		0.00134409	USD	\$0.00 per alarm-month - first 10 alarms
AmazonEC2	APS2-EBS:VolumeUsage_gp2	CreateVolume-Gp2		0.01344086	USD	\$0.00 per GB-month of General Purpose (SSD) provisioned storage under monthly free tier
AmazonEC2	APS2-EBS:VolumeUsage_gp2	CreateVolume-Gp2		0.01344086	USD	\$0.00 per GB-month of General Purpose (SSD) provisioned storage under monthly free tier
AmazonEC2	USW2-BoxUsage:t2.micro	RunInstances:0002	us-west-2a	1	USD	\$0.00 per Windows t2.micro instance-hour (or partial hour) under monthly free tier
AmazonEC2	USW2-USE1-AWS-Out-Bytes	PublicIP-Out		0.00000174	USD	\$0.00 per GB - data transfer out under the monthly global free tier
AmazonEC2	USW2-USE1-AWS-In-Bytes	PublicIP-In		0.00000138	USD	\$0.00 per GB - US West (Oregon) data transfer from US East (Northern Virginia)
AmazonEC2	USW2-USW1-AWS-In-Bytes	PublicIP-In		0.00000149	USD	\$0.00 per GB - US West (Oregon) data transfer from US West (Northern California)
AmazonS3	Requests-Tier1	ListAllMyBuckets		2	USD	\$0.00 per request - PUT, COPY, POST, or LIST requests under the monthly global free tier
AmazonEC2	USW2-DataTransfer-Out-Bytes	RunInstances		0.00038144	USD	\$0.00 per GB - data transfer out under the monthly global free tier
AmazonEC2	USW2-USW1-AWS-Out-Bytes	PublicIP-Out		0.00000174	USD	\$0.00 per GB - data transfer out under the monthly global free tier
AmazonEC2	USW2-DataTransfer-In-Bytes	RunInstances		0.00030951	USD	\$0.00 per GB - data transfer in per month
AmazonEC2	USW2-BoxUsage:t2.micro	RunInstances:0002	us-west-2a	1	USD	\$0.00 per Windows t2.micro instance-hour (or partial hour) under monthly free tier
AmazonEC2	USW2-USW1-AWS-Out-Bytes	PublicIP-Out		0.00000349	USD	\$0.00 per GB - data transfer out under the monthly global free tier
AmazonEC2	USW2-USW1-AWS-In-Bytes	PublicIP-In		0.00000276	USD	\$0.00 per GB - US West (Oregon) data transfer from US West (Northern California)
AmazonEC2	APS2-EBS:VolumeUsage_gp2	CreateVolume-Gp2		0.01344086	USD	\$0.00 per GB-month of General Purpose (SSD) provisioned storage under monthly free tier
AmazonEC2	CW:AlarmMonitorUsage	Unknown		0.00134409	USD	\$0.00 per alarm-month - first 10 alarms
AmazonEC2	USW2-BoxUsage:t2.micro	RunInstances:0002	us-west-2a	1	USD	\$0.00 per Windows t2.micro instance-hour (or partial hour) under monthly free tier
AmazonEC2	USW2-DataTransfer-Regional-Bytes	PublicIP-Out		0.00000349	USD	\$0.00 per GB - regional data transfer under the monthly global free tier
AmazonEC2	USW2-DataTransfer-In-Bytes	RunInstances		0.00032071	USD	\$0.00 per GB - data transfer in per month
AmazonEC2	USW2-DataTransfer-Regional-Bytes	PublicIP-In		0.00000302	USD	\$0.00 per GB - regional data transfer under the monthly global free tier
AmazonEC2	USW2-USE1-AWS-Out-Bytes	PublicIP-Out		0.00000174	USD	\$0.00 per GB - data transfer out under the monthly global free tier
AmazonEC2	USW2-DataTransfer-Out-Bytes	RunInstances		0.00045736	USD	\$0.00 per GB - data transfer out under the monthly global free tier
AmazonEC2	USW2-DataTransfer-In-Bytes	RunInstances		0.00036737	USD	\$0.00 per GB - data transfer in per month
AmazonEC2	USW2-APN2-AWS-In-Bytes	PublicIP-In		0.00000005	USD	\$0.00 per GB - US West (Oregon) data transfer from Asia Pacific (Seoul)
AmazonEC2	USW2-APN2-AWS-Out-Bytes	PublicIP-Out		0.00000018	USD	\$0.00 per GB - data transfer out under the monthly global free tier
AmazonEC2	USW2-USE1-AWS-In-Bytes	PublicIP-In		0.00000153	USD	\$0.00 per GB - US West (Oregon) data transfer from US East (Northern Virginia)
AmazonEC2	USW2-DataTransfer-Out-Bytes	RunInstances		0.00039945	USD	\$0.00 per GB - data transfer out under the monthly global free tier

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Athena |



Athena **Query Editor** Saved Queries History AWS Glue Data Catalog Workgroup : primary Settings Tutorial Help What's new 10+

Database athenacurfn_reportname_cur Filter tables and views...

Tables (2) Create table
cost_and_usage_data_status
reportname_cur (Partitioned)

Views (0) Create view
You have not created any views. To create a view, run a query and click "Create view from query"

New query 1 + New query

```
1 SELECT line_item_resource_id AS "Instance ID",
2        split_part (line_item_usage_type,
3                      ':', 2) AS "Instance Type", split_part (split_part (reservation_reservation_a_r_n, ':', 6), '/', 2) AS "RI
4 ID"
5 FROM reportname_cur
6 WHERE reservation_reservation_a_r_n != ''
7       AND (line_item_product_code LIKE '%EC2'
8             OR line_item_product_code LIKE '%RDS')
9       AND (line_item_usage_type LIKE '%Box%'
10            OR line_item_usage_type LIKE '%InstanceUsage%')
11 GROUP BY line_item_resource_id, line_item_usage_type, split_part (split_part (reservation_reservation_a_r_n, ':', 6),
12 '/', 2)
```

Run query Save as Create (Run time: 3.14 seconds, Data scanned: 57.87 KB) Format query Clear

Use Ctrl + Enter to run query, Ctrl + Space to autocomplete

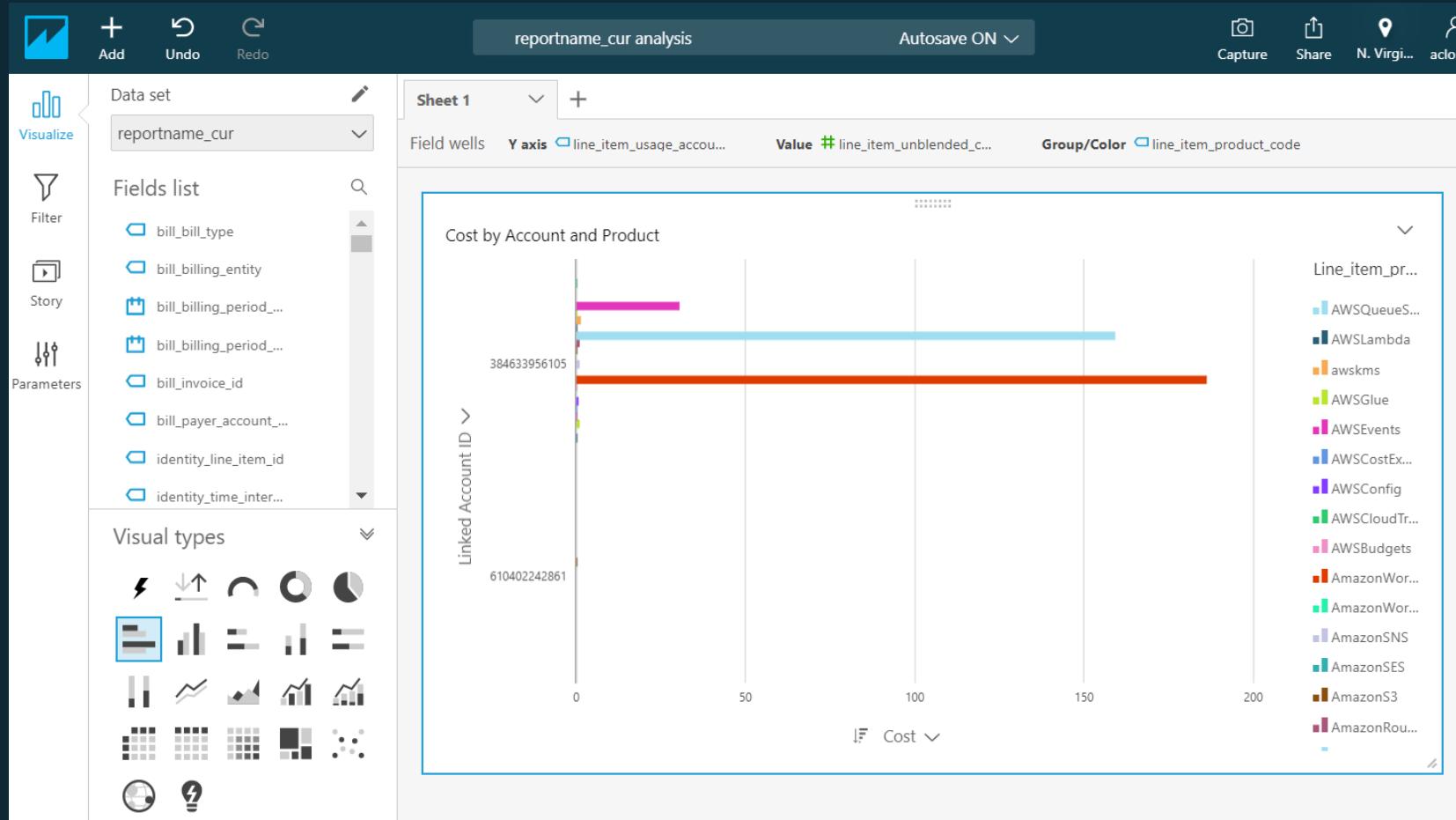
Results

	Instance ID	Instance Type	RI ID
1	i-01c67145cfea46fcc	t2.nano	7452eae3-9143-4774-9388-2e3da18fdf00
2	i-0706d940480fb82cb	t2.nano	7452eae3-9143-4774-9388-2e3da18fdf00
3	arn:aws:rds:us-east-1:384633956105:db:database-1	db.t2.micro	

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Quicksight



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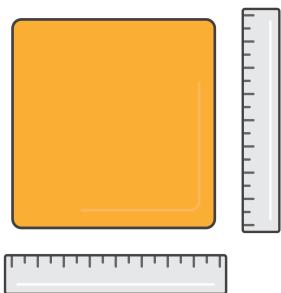


Kahoot

www.kahoot.it

¿Cuál de estas acciones NO ayuda a
reducir costos de AWS?

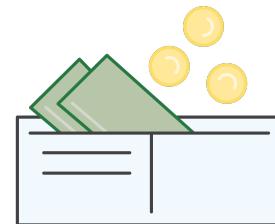
Cinco pilares para optimización de costos



Dimensionamiento correcto



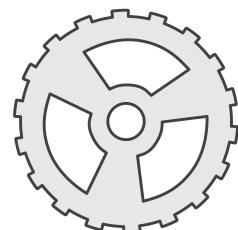
Incrementar la Elasticidad



Elegir el modelo adecuado de precios



Aprovechar la clase correcta de almacenamiento



Mecanismos para la optimización de costos

Acciones prácticas



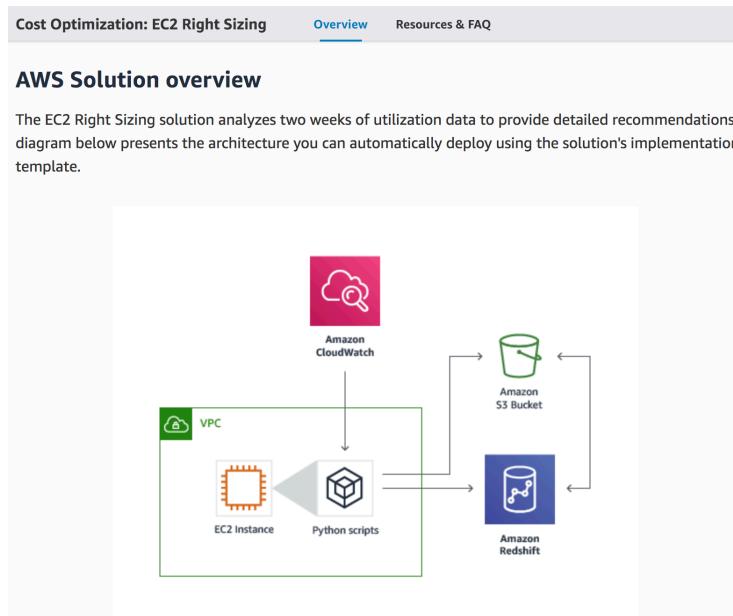
20

acciones

1

Dimensionamiento correcto

Herramientas de dimensionamiento



<https://aws.amazon.com/solutions/cost-optimization-ec2-right-sizing/>

aws Services ▾ Resource Groups ▾

[AWS Cost Management](#) > Recommendations

- [Home](#)
- [Cost Explorer](#)
- [Saved reports](#)
- [Budgets](#)
- [Recommendations](#)
- [Savings Plans](#)

Potential resource savings
\$31
Monthly savings based on 7 resources

Resource optimization recommendations
Last updated: 2020-04-28 6:58AM

7 EC2 rightsizing opportunities found
Taking action could save you an estimated \$31 monthly

<https://console.aws.amazon.com/cost-management/home#/recommendations/dashboard>

Compute Optimizer

The screenshot shows the AWS Compute Optimizer Dashboard. At the top, there's a message box stating "Collecting and analyzing data" with a note that it may take up to 12 hours. Below this, the "Findings per AWS resource" section is displayed, filtered for the "US East (N. Virginia)" region. It shows two main categories: "EC2 instances (5)" and "Auto Scaling groups (2)".

EC2 instances (5) [Info](#)

- Findings:
 - Under-provisioned: 0 instances
 - Optimized: 4 instances
 - Over-provisioned: 1 instance
- View recommendations for EC2 instances

Auto Scaling groups (2) [Info](#)

- Findings:
 - Not optimized: 0 groups
 - Optimized: 2 groups
- View recommendations for Auto Scaling groups

Kahoot

www.kahoot.it

¿Amazon S3 tiene una única clase
de Almacenamiento?

20

acciones

- 1 Dimensionamiento correcto
- 2 S3 Intelligent-Tiering

<https://aws.amazon.com/about-aws/whats-new/2018/11/s3-intelligent-tiering/>
<https://aws.amazon.com/s3/storage-classes/>

20

acciones

- 1 Dimensionamiento correcto
- 2 S3 Intelligent-Tiering
- 3 Amazon EC2 Spot Instances

SPOT

Asistente de instancias de spot

El asistente de instancias de spot le ayuda a determinar qué grupos tienen la menor probabilidad de interrupción, y proporciona los ahorros obtenidos por encima de las tasas bajo demanda. Cuando elija una instancia de spot, debe sopesar cuál es la tolerancia a interrupciones de la aplicación y cuáles son sus objetivos de ahorro. Cuanto menor sea la tasa de interrupciones, más probabilidad hay de que las instancias de spot se ejecuten durante más tiempo.

Consejo: si implementa la aplicación en varios tipos de instancia, mejorará aún más la disponibilidad. Considere la opción de usar [EC2 AutoScaling](#), que facilita la diversificación entre varios tipos de instancia y zonas de disponibilidad.

[https://aws.amazon.com/es/
ec2/spot/instance-advisor](https://aws.amazon.com/es/ec2/spot/instance-advisor)

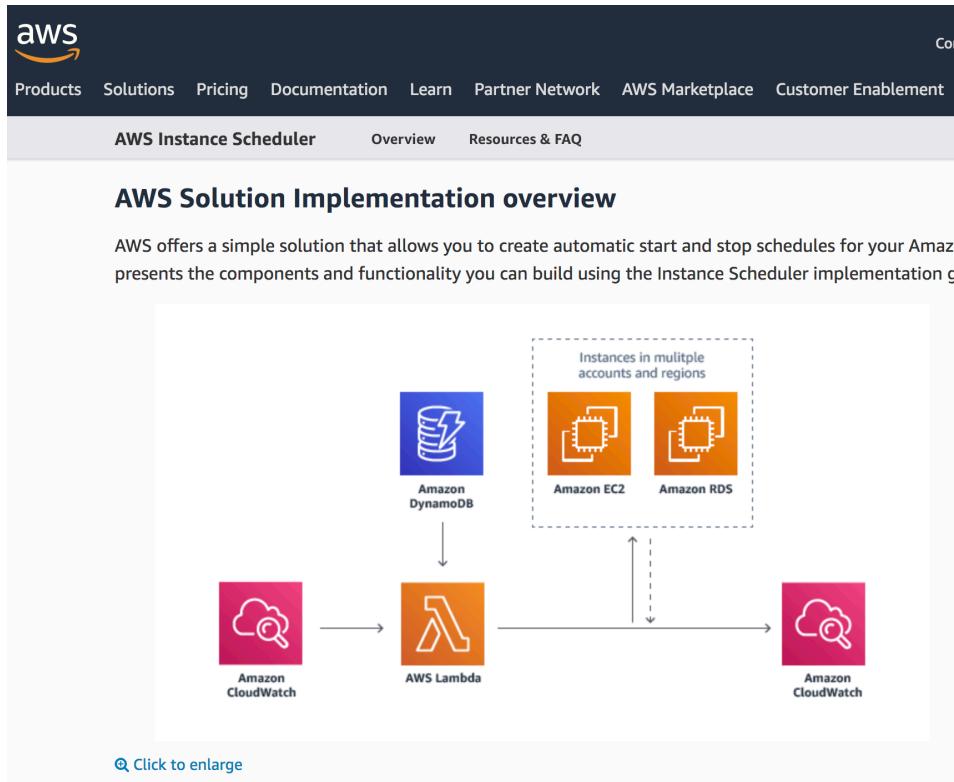
- **ElasticBeanstalk**
- **AutoScaling Groups**
- **EMR**
- **ECS - Fargate**

20

acciones

- 1 Dimensionamiento correcto
- 2 S3 Intelligent-Tiering
- 3 Amazon EC2 Spot Instances
- 4 AWS Instance Scheduler

AWS Instance Scheduler



<https://aws.amazon.com/solutions/implementations/instance-scheduler>

20

acciones

- 1 Dimensionamiento correcto
- 2 S3 Intelligent-Tiering
- 3 Amazon EC2 Spot Instances
- 4 AWS Instance Scheduler
- 5 Elastic Load Balancers

Kahoot

www.kahoot.it

¿Cuál tipo de ELB tiende a costar menos?

AWS Trusted Advisor

The screenshot shows the AWS Trusted Advisor Cost Optimization dashboard. The top navigation bar includes 'Services' and 'Resource Groups'. On the left, a sidebar menu lists 'Dashboard', 'Cost Optimization' (which is selected and highlighted in orange), 'Performance', 'Security', 'Fault Tolerance', 'Service Limits', and 'Preferences'. The main content area is titled 'Cost Optimization' and features a central icon of a money bag with a dollar sign. To its right, it displays '2 ✓' (green checkmarks), '7 ▲' (orange triangles), and '0 !' (red exclamation marks). Below this, the potential monthly savings are shown as '\$1,504.73' with the note 'Potential monthly savings'. There are filters for 'Tag Key' and 'Tag Value', an 'Apply filter' button, and a 'Reset' button. A 'View' dropdown menu is set to 'All checks'. The main section is titled 'Cost Optimization Checks' and lists four items:

- Amazon EC2 Reserved Instances Optimization** (Refreshed: 2 minutes ago)
A significant part of using AWS involves balancing your Reserved Instance (RI) usage and your On-Demand instance usage.
Estimated monthly savings with one year RI term: \$168.15 (38.0%). Estimated monthly savings with three year RI term: \$253.87 (58.0%)
- Amazon RDS Idle DB Instances** (Refreshed: 2 minutes ago)
Checks the configuration of your Amazon Relational Database Service (Amazon RDS) for any DB instances that appear to be idle.
2 of 2 DB instances appear to be idle. Monthly savings of up to \$36.72 are available by minimizing idle DB Instances.
- Idle Load Balancers** (Refreshed: 2 minutes ago)
Checks your Elastic Load Balancing configuration for load balancers that are not actively used.
5 of 5 load balancers appear to be idle. Monthly savings of up to \$92.16 are available by minimizing unused load balancers.
- Low Utilization Amazon EC2 Instances** (Refreshed: 2 minutes ago)
Checks the Amazon Elastic Compute Cloud (Amazon EC2) instances that were running at any time during the last 14 days and alerts you if the daily CPU utilization was 10% or less and network I/O was 5 MB or less on 4 or more days.

20

acciones

- 1 Dimensionamiento correcto
- 2 S3 Intelligent-Tiering
- 3 Amazon EC2 Spot Instances
- 4 AWS Instance Scheduler
- 5 Elastic Load Balancers
- 6 Autoscaling

<https://docs.aws.amazon.com/autoscaling/ec2/userguide/what-is-amazon-ec2-auto-scaling.html>

Kahoot

www.kahoot.it

¿Cuál es la forma más costo-eficiente de guardar backups de discos EBS?

20

acciones

- 1 Dimensionamiento correcto
- 2 S3 Intelligent-Tiering
- 3 Amazon EC2 Spot Instances
- 4 AWS Instance Scheduler
- 5 Elastic Load Balancers
- 6 Autoscaling
- 7 EBS Snapshots

Data Lifecycle Manager

The screenshot shows a navigation bar with the AWS logo and a search bar. Below the bar, the breadcrumb trail reads: AWS > Documentation > Amazon EC2 > User Guide for Linux Instances. The main content area has a title "How Amazon Data Lifecycle Manager Works". A sub-section titled "Elements" lists four items: Snapshots, Target Resource Tags, Snapshot Tags, and Lifecycle Policies. Another section, "Solutions", contains a single item: "Amazon EBS Snapshots". The sidebar on the left contains a long list of links related to EBS and other services.

AWS > Documentation > Amazon EC2 > User Guide for Linux Instances

How Amazon Data Lifecycle Manager Works

The following are the key elements of Amazon Data Lifecycle Manager.

Elements

- Snapshots
- Target Resource Tags
- Snapshot Tags
- Lifecycle Policies

Solutions

Amazon EBS Snapshots

Snapshots are the primary means to back up data from your EBS volumes. To save storage costs, successive snapshots are incremental, containing only the volume data that changed since the previous snapshot. When you delete one snapshot in a series of snapshots for a volume, only the data unique to that snapshot is removed. The rest of the captured history of the volume is preserved.

For more information, see [Amazon EBS Snapshots](#).

Target Resource Tags

Amazon Data Lifecycle Manager uses resource tags to identify the EBS volumes to back up. Tags are customizable metadata that you can assign to your AWS resources (including EBS volumes and snapshots). An Amazon Data Lifecycle Manager policy (described below) targets a volume for backup using a single tag. Multiple tags can be assigned to a volume if you want to run multiple policies on it.

Deleting a Snapshot
Copying a Snapshot
Viewing Snapshot Information
Sharing a Snapshot
Accessing a snapshot
Automating Snapshots
▶ EBS data services
EBS Volumes and NVMe
EBS Optimization
▶ EBS Performance
EBS CloudWatch Metrics
EBS CloudWatch Events
▶ Instance Store
▶ File Storage
Amazon S3
Instance volume limits
Device Naming
Block Device Mapping
▶ Resources and tags
▶ Troubleshooting
Document history

<https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/snapshot-lifecycle.html>

Kahoot

www.kahoot.it

¿Cuál de los siguientes NO es un tipo de EBS?

20

acciones

- 1 Dimensionamiento correcto
- 2 S3 Intelligent-Tiering
- 3 Amazon EC2 Spot Instances
- 4 AWS Instance Scheduler
- 5 Elastic Load Balancers
- 6 Autoscaling
- 7 EBS Snapshots
- 8 Volúmenes EBS (Tipos)

<https://aws.amazon.com/ebs/volume-types/>

20

acciones

9

Almacenamiento EBS (Tamaño y Attachment)

<https://aws.amazon.com/blogs/mt/controlling-your-aws-costs-by-deleting-unused-amazon-ebs-volumes/>

20

acciones

9

Almacenamiento EBS (Tamaño y Attachment)

10

EBS: GP2 vs PIOPS

Kahoot

www.kahoot.it

¿Qué tipo de información almacena
un EFS?

20
acciones

- 9 Almacenamiento EBS (Tamaño y Attachment)
- 10 EBS: GP2 vs PIOPS
- 11 EFS – Infrequent Access

Using a Lifecycle Policy

You define when EFS transitions files to the IA storage class by setting a lifecycle policy. A file system has one lifecycle policy that applies to the entire file system. If a file is not accessed for the period of time defined by the lifecycle policy that you choose, Amazon EFS transitions the file to the IA storage class. You can specify one of four lifecycle policies for your Amazon EFS file system, as follows:

- AFTER_7_DAYS
- AFTER_14_DAYS
- AFTER_30_DAYS
- AFTER_60_DAYS
- AFTER_90_DAYS

To learn more about enabling lifecycle management on your Amazon EFS file system and setting a lifecycle policy, see [Enabling Lifecycle Management](#).

<https://docs.aws.amazon.com/efs/latest/ug/lifecycle-management-efs.html>

20
acciones

- 9 Almacenamiento EBS (Tamaño y Attachment)
- 10 EBS: GP2 vs PIOPS
- 11 EFS – Infrequent Access
- 12 AWS RI Marketplace

<https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/ri-market-general.html>

Kahoot

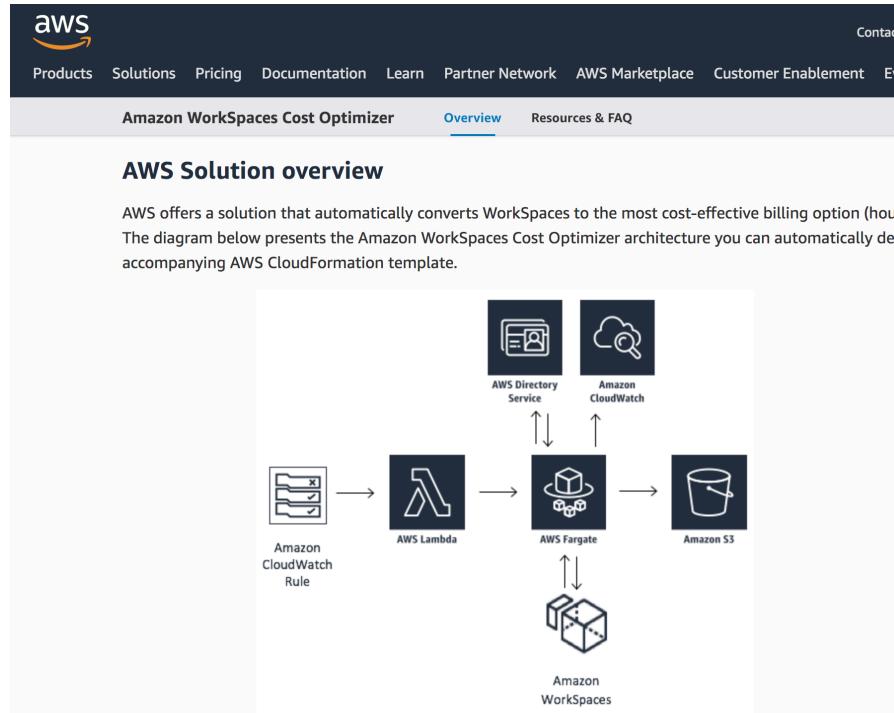
www.kahoot.it

¿Cómo es la forma de cobro de
Amazon Workspaces?

20
acciones

- 9 Almacenamiento EBS (Tamaño y Attachment)
- 10 EBS: GP2 vs PIOPS
- 11 EFS – Infrequent Access
- 12 AWS RI Marketplace
- 13 Workspaces Cost Optimizer

Workspaces Cost Optimizer



<https://aws.amazon.com/solutions/amazon-workspaces-cost-optimizer/>

Kahoot

www.kahoot.it

¿Generalmente las instancias de
nueva generación tienen mejor
desempeño Y NO son más caras?

20
acciones

- 9 Almacenamiento EBS (Tamaño y Attachment)
- 10 EBS: GP2 vs PIOPS
- 11 EFS – Infrequent Access
- 12 AWS RI Marketplace
- 13 Workspaces Cost Optimizer
- 14 Nuevas generaciones de Instancias EC2

20
acciones

- 9 Almacenamiento EBS (Tamaño y Attachment)
- 10 EBS: GP2 vs PIOPS
- 11 EFS – Infrequent Access
- 12 AWS RI Marketplace
- 13 Workspaces Cost Optimizer
- 14 Nuevas generaciones de Instancias EC2
- 15 Hibernar Instancias EC2

Kahoot

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¿Es posible pausar un cluster de
Redshift?

20 acciones

- 9 Almacenamiento EBS (Tamaño y Attachment)
- 10 EBS: GP2 vs PIOPS
- 11 EFS – Infrequent Access
- 12 AWS RI Marketplace
- 13 Workspaces Cost Optimizer
- 14 Nuevas generaciones de Instancias EC2
- 15 Hibernar Instancias EC2
- 16 Redshift – Dimensionamiento/Pause/Resume

Redimensionar, pause / resume Amazon Redshift

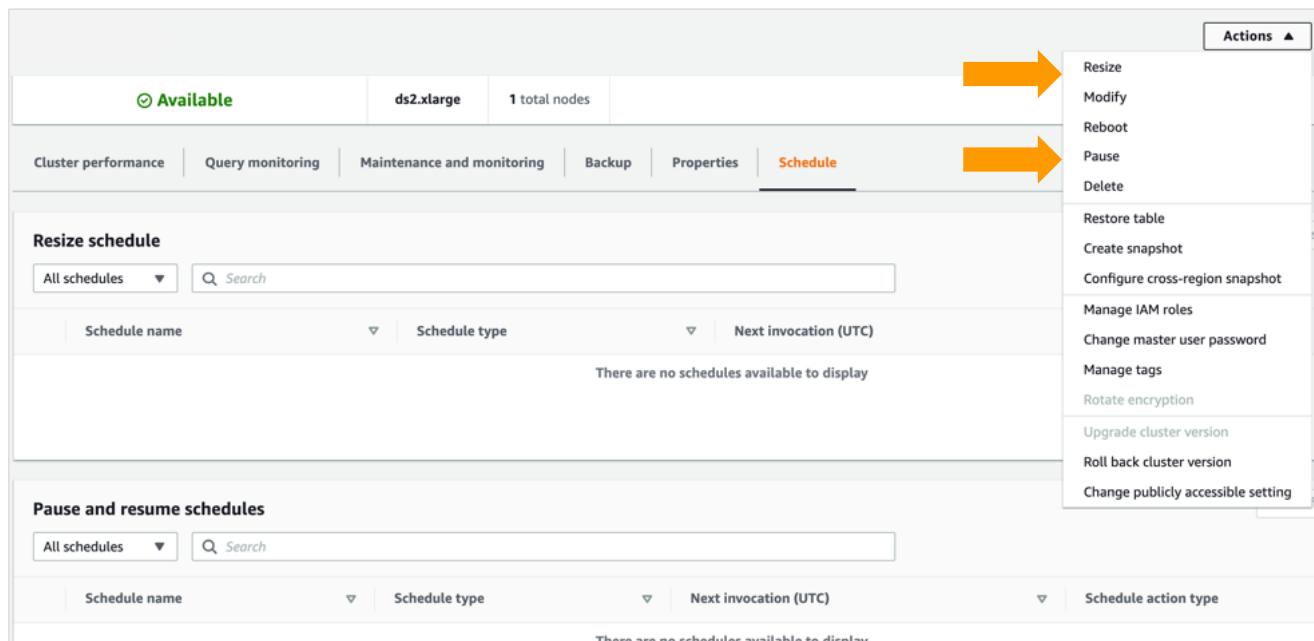
Tiempo de implementación	Potencial de ahorro	Tiempo para empezar los ahorros	Compromiso?
Minutos a horas	Elastic resize: \$100s to \$1000s Pause/resume: Reduce costos On-Demand en hasta 35%*	Minutos	No

* Pausando instancias durante el fin de semana (viernes a la noche hasta lunes en la mañana)

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A través de la Consola AWS



<https://aws.amazon.com/blogs/big-data/scale-your-amazon-redshift-clusters-up-and-down-in-minutes-to-get-the-performance-you-need-when-you-need-it/>

<https://aws.amazon.com/blogs/big-data/lower-your-costs-with-the-new-pause-and-resume-actions-on-amazon-redshift/>

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20 acciones

- 9 Almacenamiento EBS (Tamaño y Attachment)
- 10 EBS: GP2 vs PIOPS
- 11 EFS – Infrequent Access
- 12 AWS RI Marketplace
- 13 Workspaces Cost Optimizer
- 14 Nuevas generaciones de Instancias EC2
- 15 Hibernar Instancias EC2
- 16 Redshift – Dimensionamiento/Pause/Resume
- 17 RDS – Stop/Start

20

acciones

18

RDS – Single-AZ vs. Multi-AZ

20

acciones

18

RDS – Single-AZ vs. Multi-AZ

19

Amazon DynamoDB - OnDemand

En la Consola AWS

Read/write capacity mode

Select on-demand if you want to pay only for the read and writes you perform, with no capacity planning required. Select provisioned to save on throughput costs if you can reliably estimate your application's throughput requirements. See the [DynamoDB pricing page](#) and [DynamoDB Developer Guide](#) to learn more.

Read/write capacity mode can be changed later.

Provisioned (free-tier eligible)
 On-demand

Last change to on-demand mode: No read/write capacity mode changes have been made.
Next available change to on-demand mode: You can update to on-demand mode at any time.

Provisioned capacity

Not applicable because read/write capacity mode is on-demand.

Auto Scaling

Not applicable because read/write capacity mode is on-demand.

[Save](#) [Cancel](#)



<https://docs.aws.amazon.com/amazondynamodb/latest/developerguide/HowItWorks.ReadWriteCapacityMode.html>

<https://aws.amazon.com/blogs/aws/amazon-dynamodb-on-demand-no-capacity-planning-and-pay-per-request-pricing/>

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Kahoot

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¿Para acceder a un objeto de S3
desde una instancia EC2, siempre
tengo que salir a Internet?

20

acciones

18

RDS – Single-AZ vs. Multi-AZ

19

Amazon DynamoDB - OnDemand

20

VPC endpoints vs. NAT GW

<https://aws.amazon.com/premiumsupport/knowledge-center/vpc-reduce-nat-gateway-transfer-costs/>

Kahoot

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¿Cuál de las siguientes formas de
contratación NO requiere un
compromiso?

20

acciones

+ 2

-  Compute Savings Plans
-  Reserved Instances

Cost Management – Recomendaciones – Savings Plans

The screenshot shows the AWS Cost Management console under the 'Savings Plans' section. The left sidebar includes links for Recommendations, Savings Plans (Overview, Inventory, Recommendations, Purchase Savings Plans, Utilization Report, Coverage Report), Reservations (Overview, Recommendations, Utilization Report, Coverage Report), and My Billing Dashboard. A 'Cart' section at the bottom shows 1 Savings Plan worth \$146.00 monthly.

Recommendation options:

- Savings Plans type: Compute (selected)
- Savings Plans term: 1-year (selected)
- Payment option: All upfront (selected)
- Based on the past: 30 days (selected)
- Filter by: Linked Account (Include all)

Recommendation: Purchase a Compute Savings Plan at a commitment of \$0.50/hour

You could save an estimated **\$160** monthly by purchasing the recommended Compute Savings Plan.

Based on your past **30 days** of usage, we recommend purchasing **1** Savings Plans with a total commitment of **\$0.50/hour** for a **1-year term**. With this commitment, we project that you could save an average of **\$0.22/hour** - representing a **25%** savings compared to On-Demand. To account for variable usage patterns, this recommendation maximizes your savings by leaving an average **\$0.16/hour** of On-Demand spend. Recommendations require up to 24 hours to update after a purchase.

Before recommended purchase	After recommended purchase (based on your past 30 days of usage)	
Monthly On-Demand spend ⓘ	Estimated monthly spend ⓘ	Estimated monthly savings ⓘ
\$645 (\$0.88/hour) Your estimated On-Demand spend based on your usage over the past 30 days (including all active Savings Plans)	\$485 (\$0.66/hour) Your recommended \$0.50/hour Savings Plans commitment + an average \$0.16/hour of On-Demand spend	\$160 (\$0.22/hour) 25% monthly savings over On-Demand \$645 - \$485 = \$160

This recommendation examines your EC2, Fargate, and Lambda usage across all accounts in your organization over the past 30 days (including your existing Savings Plans and EC2 Reserved Instances) and calculates what your costs would have been had you purchased the recommended Savings Plans. See applicable rates for Savings Plans [here](#). To generate this recommendation, AWS simulates your bill for different commitment amounts and recommends the commitment amount that provides the greatest estimated savings. [Learn more](#)

Recommended Compute Savings Plans [Download CSV](#) [Add selected Savings Plan\(s\) to cart](#)

Cost Management – Recomendaciones - RI

The screenshot shows the AWS Cost Management console with the 'Recommendations' section selected. The main summary indicates estimated annual savings of \$2,079, a 40% savings vs. on-demand costs, and 8 purchase recommendations. The sidebar on the left shows navigation links for Savings Plans, Reservations, and Cart. The Cart section shows one item: a savings plan for 1 instance at \$146.00 monthly. The main content area displays three recommended reserved instances:

Instance Type	Region	Description	Monthly Savings	Upfront Cost	Recurring Monthly Cost	Expected RI Utilization
c5n.large	US West (Oregon) Linux/UNIX Shared	Buy 1 c5n.large reserved instance (Size flexible**)	\$32.51 monthly savings	\$556.00	\$0.00	100%
m4.large	US East (N. Virginia) Linux/UNIX Shared	Buy 1 m4.large reserved instance (Size flexible**)	\$30.75 monthly savings	\$507.00	\$0.00	100%
t2.large	US West (Oregon) Windows (Amazon VPC) Shared	Buy 1 t2.large reserved instance (Size flexible**)	\$28.60 monthly savings	\$715.00	\$0.00	100%

On the right, there are filters for RI Recommendation Parameters (set to EC2), RI term (1 year), Offering Class (Standard), Payment option (All upfront), and Based on the past (30 days). An 'Additional Filters' section includes a 'Linked Account' dropdown set to 'Include all'.

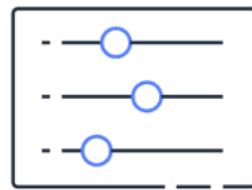
Ciclo virtuoso

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Entender los costos



Controlar los costos



Optimizar los costos

use



AWS
Cost Explorer

use



AWS Budgets

use



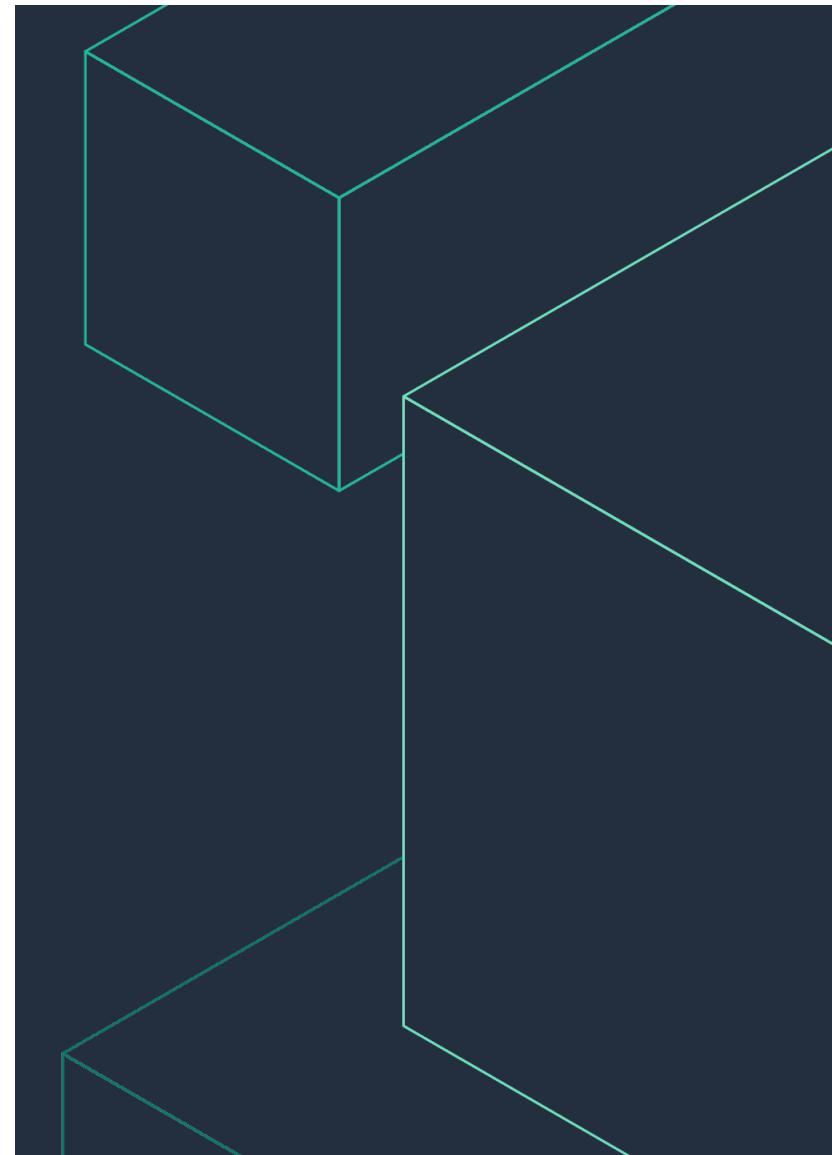
AWS
Recommendations

Cada organización es diferente

No todo aplica para todo el mundo, pero queremos saber si estas recomendaciones ayudaron.



<https://survey.immersionday.com/uXcAHZ6WR>



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reducir mi cuenta de AWS?

Gracias

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