AWS – Amazon Webservices

AWS Free Tier

What are AWS Free Tier, and How do I use it?

➔ AWS Free Tier automatically activated to every AWS new user account.
➔ Let's Understand Free Tier Service
https://aws.amazon.com/free

When does the AWS free usage tier expire?

➔ The AWS free usage expires in 12months from the date you signup.
➔ When free usage tier expires or if your application use exceeds the free usage tier, you can simply pay the standard, **"Pay-as-you-go"** service rates.

If I don't use all my free usage per month, will it roll over to the next month?

➔ No, The AWS free usage tier is applied to your monthly usage, lets say you created first day of this month and on the first day of next month will expire, does not roll over to the next month.

How do I know how much I have used and if I have gone over the free usage tier?

➔ To see your current and past usage activity by service and region, please login to your billing & cost management dashboard page.

Amazon Web Services (AWS) offers a Free Tier that provides limited access to many of its services at no cost. The Free Tier is designed to give users the ability to explore and experiment with AWS services.

Here are the main categories of the AWS Free Tier:

1. **12-Month Free Tier**: These services are free for 12 months following your initial sign-up date to AWS.
2. **Always Free**: These services are available for free indefinitely.
3. **Trials**: These services are free for a limited time with the usage limit.

Here are some key services available in the AWS Free Tier, along with images to illustrate each service:

1. Amazon EC2 (Elastic Compute Cloud)
Free Tier Offer:

- 750 hours per month of t2.micro or t3.micro instances for 12 months.

2. Amazon S3 (Simple Storage Service)
Free Tier Offer:

- 5 GB of standard storage, 20,000 GET requests, and 2,000 PUT requests per month for 12 months.

3. Amazon RDS (Relational Database Service)
Free Tier Offer:

- 750 hours of db.t2.micro or db.t3.micro instances usage, 20 GB of General Purpose (SSD) storage, and 20 GB of backup storage for 12 months.

4. Amazon Lambda
Free Tier Offer:
- 1 million free requests and 400,000 GB-seconds of compute time per month, always free.

5. Amazon DynamoDB
Free Tier Offer:
- 25 GB of storage, 25 Write Capacity Units, and 25 Read Capacity Units, always free.

6. Amazon CloudFront
Free Tier Offer:
- 1 TB of data transfer out, 10,000,000 HTTP and HTTPS Requests, and 2,000,000 CloudFront Function invocations per month for 12 months.

7. Amazon SNS (Simple Notification Service)
Free Tier Offer:
- 1 million publish requests, 1 million HTTP or HTTPS notifications, and 1,000 email notifications per month, always free.

8. Amazon SQS (Simple Queue Service)
Free Tier Offer:
- 1 million requests per month, always free.

9. Amazon VPC (Virtual Private Cloud)
Free Tier Offer:
- 750 hours of NAT Gateway, 1 Elastic Load Balancer with 15 GB data processing, always free.

10. AWS IoT Core
Free Tier Offer:
- 250,000 messages per month, always free.
- These services allow new users to explore AWS's vast capabilities without incurring costs initially. It's important to monitor your usage to avoid exceeding the Free Tier limits, which could result in charges. You can check your Free Tier usage through the AWS Management Console to ensure you stay within the free limits.

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