**(Q) What is Aws Free tier ? What are the services usage limits?**

The AWS Free Tier allows you to use Amazon Web Services for free up to a certain limit. The Free Tier provides a way for you to get hands-on experience with AWS services at no cost or at a reduced cost, and it's a great way to start exploring AWS.

Here's a table summarizing some of the key AWS Free Tier offerings and their usage limits.

| **Service** | **Free Tier Limit** | **Details** |
| --- | --- | --- |
| **Amazon EC2** | 750 hours per month of t2.micro or t3.micro instances | Includes both Windows and Linux/Unix instances. |
| **Amazon S3** | 5 GB of Standard Storage | Includes 20,000 GET requests and 2,000 PUT requests per month. |
| **Amazon RDS** | 750 hours per month of db.t2.micro or db.t3.micro instances | Includes 20 GB of storage and 20 GB for backups. |
| **Amazon DynamoDB** | 25 GB of storage, 25 Write Capacity Units (WCU), 25 Read Capacity Units (RCU) | 2.5 million reads, 1 million writes, and 200 GB of data transfer. |
| **Amazon Lambda** | 1 million requests per month and 400,000 GB-seconds of compute time | Includes both standard and provisioned concurrency. |
| **Amazon CloudFront** | 1 TB of data transfer out | 2,000,000 HTTP/HTTPS requests per month. |
| **Amazon SNS** | 1 million requests per month | Includes 100,000 HTTP/HTTPS notifications and 1,000 email notifications. |
| **Amazon SQS** | 1 million requests per month | Includes 1 GB of data transfer. |
| **Amazon Elastic Beanstalk** | Free usage of EC2 instances within the free tier limits | Includes free tiers for other AWS services used in conjunction with Beanstalk. |
| **Amazon CloudWatch** | 10 custom metrics and 10 alarms, 1 GB of log data ingestion and 5 GB of log data archive | 3 dashboards and 50,000 API requests per month. |

**Key Points:**

* **Duration**: Most Free Tier offerings are available for the first 12 months after you sign up for an AWS account. After this period, you will be billed at the standard rates.
* **Usage Tracking**: It's important to monitor your usage through the AWS Management Console to avoid unexpected charges.
* **Regional Availability**: Some services and Free Tier limits may vary by AWS region.