

AWS Free Tier

Amazon Web Services

in StreamOne[®] Ion

Contents

Introduction.....	3
Scope	3
User Journeys	4
What is AWS Free Tier?	4
AWS Free Tier billing logic for "Always free" products	4
AWS Free Tier billing logic for "12 months free" and "Free trial" products	5
How does AWS Billing Customers Report reflect Free Tier?	5
New StreamOne Ion element: New AWS Free Tier Report	6
New StreamOne Ion element: New KPI card.....	6

Introduction

StreamOne Ion needs to be able to correctly read and apply all AWS Free Tier product modalities, in order for both Resellers and Customers to be able to receive the benefits of this type of products whenever they are supposed to. Up to this release, the platform was able to track these benefits but was not able to pass them along correctly through the different personas in all cases. It has also been considered that an AWS Free Tier dedicated Report and a new KPI Card for the Dashboard will contribute to enhance the user experience and will facilitate the acknowledgement and tracking of these free or partially-free products.

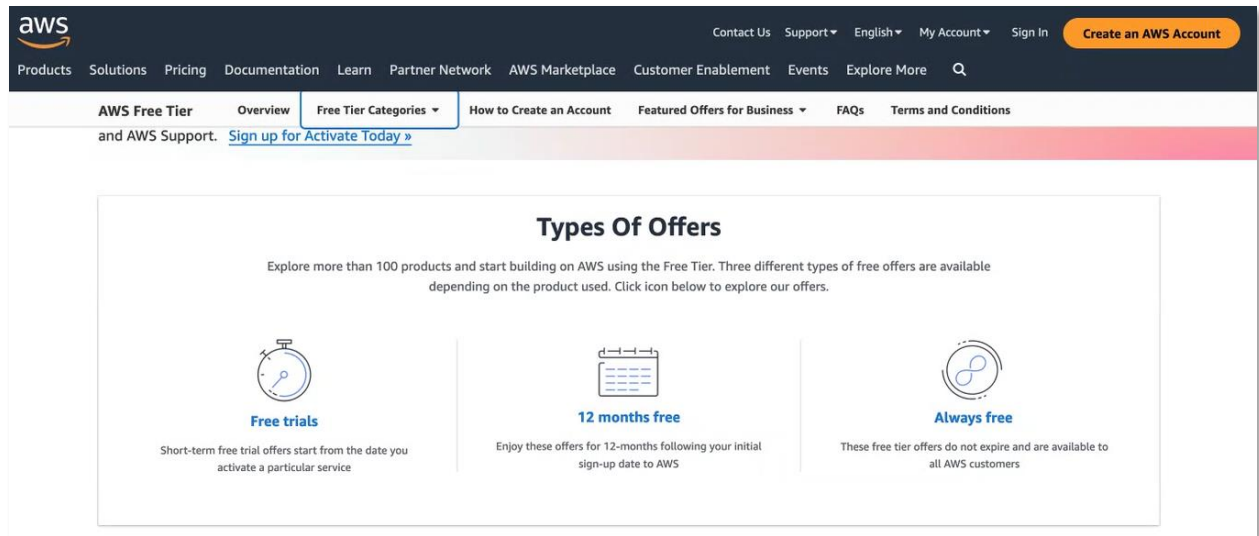
Scope

This is a global feature, meaning that it impacts all countries in which TD SYNnex is having business. Both Reseller partners and Customers will be able to access this new feature as long as the relevant Amazon Web Services program in their region is active.

It mainly impacts the DASHBOARD and REPORTS modules of the platform, accessible by Reseller partners at the Admin Console, as well as Customers at the logged-in area of the White-Label Marketplace and Solutions Marketplace.

User Journeys

What is AWS Free Tier?



As explained in [Amazon Web Services' website](#), there are three types of AWS Free Tier offerings:

- **Trials**: These are short term trial offers that start from the time of first usage begins. Once the trial period expires, you simply pay standard pay-as-you-go service rates.
- **12-Months Free**: These offers are only available to new AWS customers, and are available for 12 months following your AWS sign-up date. When your 12 month free usage term expires or if your application use exceeds the tiers, you simply pay standard, pay-as-you-go service rates (see each service page for full pricing details).
- **Always Free**: These offers do not expire at the end of your 12 month AWS Free Tier term, and are available to both existing and new AWS customers indefinitely.

AWS Free Tier billing logic for "Always free" products

"Always free" are part of the AWS Price list, and therefore are included in the Pricebook, allowing the platform to deal with them just like any other tiered service. An example of these could be some of the *Dynamo DB* services, which are free up to a certain consumption, and then they have a cost:

Amazon Web Services Master Pricebook

Global adjustment: 0% Created on: N/A Pass-through cloud provider cost: Off

RENAME EXPORT MAKE A COPY

dynamoDB

☐ EUC1-IA-ReadRequestUnits

☐ EUC1-IA-ReplWriteCapacityUnit-Hrs

☐ EUC1-IA-ReplWriteRequestUnits

☐ EUC1-IA-TimedStorage-ByteHrs

☐ EUC1-IA-WriteCapacityUnit-Hrs

☐ EUC1-IA-WriteRequestUnits

☐ EUC1-ImportDataSize-Bytes

☒ EUC1-ReadCapacityUnit-Hrs

SKUs

Term Type/Sku	Description	Tier Start	Tier End	MSRP
<input type="checkbox"/> G2FC6NKKVCPW4SSW	\$0.00 per hour for 25 units of read capacity for a month (free tier)	0	18,600	USD \$0.00
<input type="checkbox"/> G2FC6NKKVCPW4SSW	Upfront Fee	0	0	USD \$0.438
<input type="checkbox"/> G2FC6NKKVCPW4SSW	Amazon DynamoDB, Reserved Read Capacity used this month	0	0	USD \$0.000019
<input type="checkbox"/> G2FC6NKKVCPW4SSW	Upfront Fee	0	0	USD \$0.366
<input type="checkbox"/> G2FC6NKKVCPW4SSW	Amazon DynamoDB, Reserved Read Capacity used this month	0	0	USD \$0.000032
<input type="checkbox"/> G2FC6NKKVCPW4SSW	\$0.0001586 per hour for units of read capacity beyond the free tier	18,600	0	USD \$0.0001586

There is nothing new nor nothing special about this type of AWS Free Tier offerings, as they follow the same basic logic any other tiered product would have, with its pricing determined by a Pricebook. The free tier portion of these services is passed through to the Reseller or Customer regardless of who owns payer account.

AWS Free Tier billing logic for “12 months free” and “Free trial” products

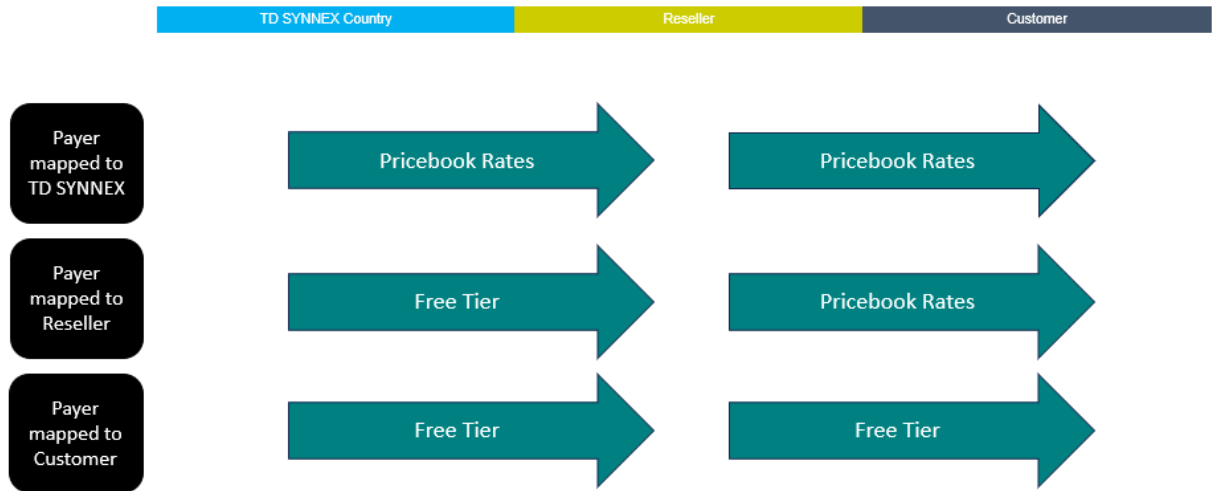
This type of Free Tier offerings have a different logic, and StreamOne Ion now is capable of identifying the free tier component of each of these services, and accurately calculate service charges affected by these Free Tiers in the Reports and the Dashboard.

As you may know, Amazon applies free tiers per AWS Organization (To the payer account). StreamOne Ion will follow that rule, meaning that **the free tier will be passed through to where the payer account is mapped**, which could be either TD SYNnex, the Reseller level, or a Customer level (also known as “dedicated payers”).

How does AWS Billing Customers Report reflect Free Tier?

In the AWS Billing Customers Report, whenever there is a service covered by a Free Tier, the usage quantity will display the total usage, but the charge will correspond only to the paid portion of it, in a single line.

The following image explains this logic by describing what each persona is passing down and receiving in the 3 possible AWS payer mapping cases:



New StreamOne Ion element: New AWS Free Tier Report

A new report has become available, the AWS Free Tier Report, which will display different information about the Free Tiers depending on who is accessing it:

1. RESELLER: Free tiers applied to your Customers.
2. CUSTOMER: Free tiers applied to your AWS accounts.

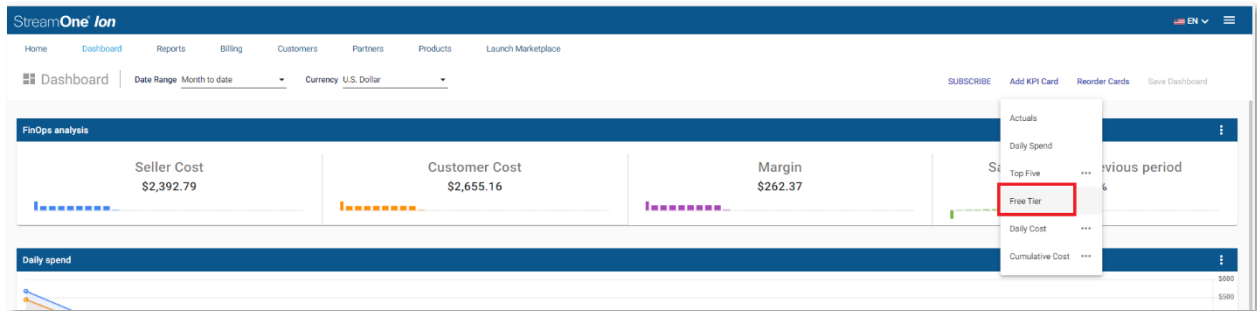
We suggest that you always include a column with the Cloud Account Number field in the report, so you can easily identify the AWS linked account that received the Free Tier.

Note: If any service present in the AWS Pricebook is priced as 0.00 and assigned to a Customer, then that service will also display in the report as if it were a Free Tier.

New StreamOne Ion element: New KPI card

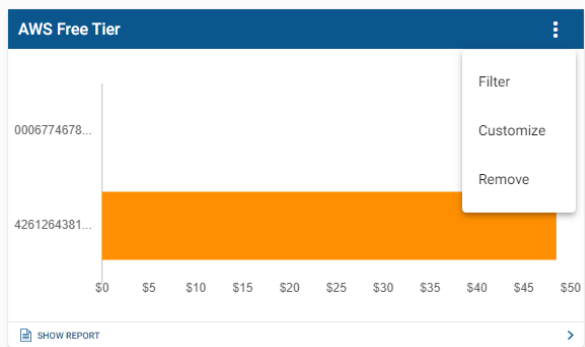
A new KPI card has been added to StreamOne Ion's Dashboards to reflect some relevant values about AWS Free Tier. The main Dashboard is present in the Admin Console for Reseller users, and also in the two marketplaces for Customer users. Also, the Customer Overview page of any given Customer in the Admin Console will display a reduced version of these KPI cards, lacking filtering.

The new “Free Tier” KPI card is added just like any other, by clicking on “Add KPI Card” and selecting it from the list:



It will display by default up to 5 AWS Payer Accounts that have received *Free Tier* benefits as per the new AWS Free Tier Report, as it feeds from this new report. Of course, it will only display the adequate information for each of the personas, keeping each layer safe.

AWS Free Tier KPI Cards include these options:



- ✓ Filter: by **service**, by **Usage Type**. This option is only available in the main Dashboard, and not in the Customer Overview page.
- ✓ Customize: You can choose either to display a **bar graph** or a **pie graph**. You can also change the **name** of the KPI Card to better reflect its content.
- ✓ Remove: will **delete** the KPI Card from the Dashboard.

As a user, you would probably like to have more than one instance of the AWS Free Tier KPI Card with different filtering and customization options, saved under different and descriptive customized names, in order to be able to see at once the results of certain services or usage types.