Hybrid committed spend 1-latest Getting started with hybrid committed spend

Learn about and configure hybrid committed spend
Abstract

This guide describes the initial steps to begin using hybrid committed spend.
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CHAPTER 1. INTRODUCTION TO HYBRID COMMITTED SPEND

This document provides an overview and instructions to begin using the hybrid committed spend service, including prerequisites and instructions for connecting your cloud environments. To access and use hybrid committed spend, your organization must have a hyperscaler drawdown agreement with Red Hat.

1.1. UNDERSTANDING HYBRID COMMITTED SPEND

Hybrid committed spend is a service in the Red Hat toolchain that enables your organization to automate the tracking of hyperscaler drawdown spending with select hyperscalers. Hybrid committed spend automatically aggregates and processes data from the required integrations reducing the need for manual reporting.

The hybrid committed spend service utilizes Red Hat’s cloud spend integration toolchain to gather and process the data from Red Hat and cloud provider integrations after initial configuration.

1.2. UNDERSTANDING HYBRID COMMITTED SPEND DATA USAGE AND SECURITY

When you configure hybrid committed spend, the Red Hat cloud spend integration toolchain processes all of your organization’s hyperscaler spend for the configured account. The data is then sent to a secure system that is part of Red Hat’s financial data processing servers. It will be used to calculate hyperscaler drawdown against your commitment. Data is only collected for the purpose of calculating hyperscaler drawdown and spend tracking. It is not shared internally or externally.

Red Hat employs technical and organizational measures designed to protect your data. No development engineer has access to view the customer data directly. Outside of the cloud integration toolchain, data analysis only occurs for the purpose of debugging.

1.3. ACCESSING THE HYBRID COMMITTED SPEND SERVICE

You can access the hybrid committed spend service from Red Hat Hybrid Cloud Console.

To access and use hybrid committed spend, your organization must sign a hybrid committed spend agreement with Red Hat. This agreement enables you to share data with Red Hat to calculate drawdown.

If you are unable to access hybrid committed spend from Red Hat Hybrid Cloud Console, you must first identify if your organization signed a hybrid committed spend contract. Your account must also have HCS viewer permissions. Contact your Red Hat sales or support representative for more information.

Procedure

1. Navigate to Red Hat Hybrid Cloud Console.
2. Click the Services menu.
3. From the left navigation menu, click Spend Management.
4. Click the Hybrid Committed Spend card.

1.4. CONFIGURING HYBRID COMMITTED SPEND INTEGRATIONS
An integration is a provider account that is connected to hybrid committed spend to be monitored for drawdown. To use hybrid committed spend to monitor your hyperscaler drawdown, you must first connect a data integration to hybrid committed spend. Once an integration is connected to hybrid committed spend it will automatically send your cost and usage data to Red Hat. You can enable an integration using unfiltered cloud provider cost data for a more detailed overview, or limit your account to a minimal amount of filtered data required to see Red Hat related spend for drawdown.

Currently, the cloud spend integration toolchain can track drawdown for Amazon Web Services (AWS), Microsoft Azure, and Google Cloud.

From the Integrations page, you can view, edit, and delete integrations connected to hybrid committed spend.

For more information about how to add your cloud provider to hybrid committed spend, follow these guides:

- *Adding an Amazon Web Services (AWS) integration for hybrid committed spend*
- *Adding a Google Cloud integration to hybrid committed spend*
- *Adding a Microsoft Azure integration to hybrid committed spend*
CHAPTER 2. TRACKING YOUR SPENDING WITH THE HYBRID COMMITTED SPEND SERVICE

The hybrid committed spend user interface provides a visual representation of your hybrid committed spend contract and usage information. Your organization must have a current hybrid committed spend contract to view this page. The hybrid committed spend user interface contains drawdown information from all sources of your spending, including yearly subscriptions, on-demand subscriptions and spend on Red Hat products through partners such as Amazon Web Service. Verify your organization has reported all the correct information and connected the relevant integrations to the cloud spend integration toolchain for accurate drawdown information.

2.1. UNDERSTANDING THE HYBRID COMMITTED SPEND OVERVIEW PAGE

The hybrid committed spend Overview page provides essential information to quickly verify the status of your spend drawdown and contract. This includes your account information, actual spend for the contract year to date, remaining commitment balance, a committed spend trend chart, and actual spend breakdowns. The spend information located on the overview page visualizes monthly spend and will not reflect daily spend information.

The data shown in the account is the drawdown associated with the entire organization reflected in your contract. If there are both parent organization and several subsidiary organizations, the spend associated with all of the organizations is included in the interface. If the Red Hat Hybrid Cloud Console user is associated with the parent organization or any of the subsidiary organizations they will also see all of the information for every organization associated with the contract.

2.1.1. Account information

The header section of the hybrid committed spend user interface contains important account information:

Account Name
- The name of the organization associated with the user logged in to Red Hat Hybrid Cloud Console

Account number
- Your Red Hat account number

Contract Dates
- The start and end dates for full contract term, inclusive of all contracted years

Consumption date
- The date of your last reported consumption. For example, if you are reporting on-demand subscription usage, there will be consumption reported each month. If only yearly subscriptions were bought at the start of the contract, this date could be several months ago.

2.1.2. Actual spend contract year to date (YTD)

The Actual spend contract YTD card shows the total spend for current year of your contract term. If this is not the first year of your contract and you have Excess actual spend from the previous year, the number includes the excess actual spend in the total. Excess actual spend is the difference between your actual spend and committed spend for the previous year. If applicable, you can click the Excess actual spend included tooltip to view this number.

2.1.3. Remaining commitment balance
The **Remaining commitment balance** card shows the balance remaining and total committed spend for the current year of your contract. If you have consumed more than your yearly commitment, a negative balance will show on this card.

### 2.1.4. Committed spend trend graph

The **Committed spend trend** graph provides a graphical visualization of your spend drawdown. If you are in the second or later contract periods, you can use the pulldown menu to overlay the previous year spend graph. This chart also includes the excess actual spend from the previous year if applicable.

### 2.1.5. Actual spend breakdown chart

The **Actual spend breakdown chart** provides the ability to quickly visualize the top three sources of your spend sorted by affiliate, integration, or product. You can view the calculations in the actual spend breakdown chart on a month-by-month basis or cumulative monthly. The affiliate, source, and product names in this chart are sometimes abbreviated and the hybrid committed spend **Details** page provides the full information.

**Top 3 affiliates of spend**

The top three sub-organizations inside of your parent organization. Not all sources of spend or reporting methods are able to organize spend by affiliate. Where it is not possible, the parent organization is assigned the spend.

**Top 3 sources of spend**

The top three reporting sources of spend. For example, your organization’s On-demand or yearly subscriptions.

**Top 3 products of spend**

The top three products responsible for spend. For example, your organization’s OpenShift Dedicated clusters.

### 2.2. FINDING DETAILS ABOUT YOUR HYBRID COMMITTED SPEND

The hybrid committed spend **Details** page provides detailed information to view and track the status of your spend drawdown.

#### 2.2.1. Finding relevant hybrid committed spend spend information with the details table

You can use the filter pulldown menus on the hybrid committed spend details table to view relevant information for your organization. The pulldown menus will only include sources of spend relevant to your contract. The following procedure gives a typical example where you want to view the spend data from your Microsoft Azure account and the products responsible.

**Procedure**

1. From the hybrid committed spend **Details** page click **Azure** in the **View** pulldown.
2. Click **Source of spend** in the **Grouped by** pulldown.
3. Click **Product** in the **Secondary grouped by** pulldown.
The hybrid committed spend details table will now show your Microsoft Azure source data. You can click the more details arrow located next to Azure in the table to view spend information for the individual products reporting from your connected Microsoft Azure account.

**NOTE**

It is not possible to map all products from some sources of spend to a specific Red Hat product. Where it is not possible, there is a default product. It is not possible to map all products from some sources of spend to a specific Red Hat product. Where it is not possible, there is a default product. On AWS, Azure and GCP, for example, spend may be associated with RHEL as the default. For example, on AWS, Azure and GCP, spend may be associated with RHEL as the default.

2.2.2. Searching the hybrid committed spend details table

You can use the search field located on the hybrid committed spend details table to find specific affiliates, products, and sources. The search field will search in conjunction with the Grouped by filter currently applied to the table. For example, if you have selected Grouped by Product from the filter dropdown, the search field will only search products.

2.2.3. Exporting your spend information from the hybrid committed spend details page

Click the export icon located next to the search field to export your spend data to .CSV format. The .CSV file will only contain the currently filtered information in the hybrid committed spend Details table.
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If you found an error or have a suggestion on how to improve these guidelines, open an issue in the cost management Jira board and add the Documentation label.

We appreciate your feedback!