



# **Getting started with Cloud Cost**

## **Cloud Insights**

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# Getting started with Cloud Cost

Cloud Cost provides a detailed cost analysis of past, present, and estimated spending, providing visibility into cloud usage in your environment. The Cloud Cost dashboard delivers a clear view of your organization's cloud expenses and a drill down into individual workloads, accounts, and services.

Cloud Cost can help with the following major challenges:

- Tracking and monitoring your cloud expenses
- Identifying waste and potential optimization areas
- Delivering executable action items

You must have Cloud Insights *Administrator* or *Account Owner* permissions to configure or view Cloud Cost. Once it has been configured, any Cloud Insights user with those permissions can access Cloud Cost.

Configure Cloud Cost by linking it to your *AWS Organizations* account. This is sometimes known as the *management* account.



Cloud Cost is available for US-Region Cloud Insights environments only and can be configured for only a single AWS Organizations account. Cloud Cost must be configured separately from any AWS Collectors you may have in Cloud Insights.

## Setting Up Cloud Cost

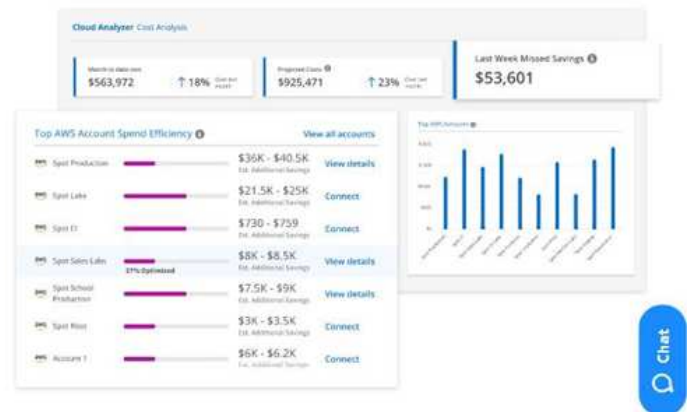
When you log in to Cloud Insights and click the **Cloud Cost** menu item for the first time, you are presented with a welcome screen and a prompt to begin setup of Cloud Cost.

## Actionable Spend Analysis for Cloud Compute Infrastructure

Cloud Analyzer is where you begin the journey to continuous cloud compute infrastructure optimization. With comprehensive visibility into your compute spend, Cloud Analyzer identifies where you can drive greater cost efficiencies and enables you to automate optimization recommendations in just a few clicks.

[Add AWS Credentials To Start](#)

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### Cloud Spend Insights

Understand what is being spent and by who, with current, historical and projected cost and usage visualizations.



### Trend Analysis

Detect irregular spend and usage patterns with ML-driven as well as customizable reporting and alerts.



### Cloud Efficiency Score

Calculate spend efficiency based on potential savings from using spot instances, reserved capacity and more.



### Continuous Optimization

Automate spend-efficiency recommendations leveraging Spot's suite of continuous cost optimization solutions.

- Click the **Add AWS Credentials to Start** button to begin. You are given the AWS Connection screen. Follow the instructions on this screen to link your **AWS Organizations Account** to Cloud Cost.

## Connect your AWS Account to Optimize Costs

Connecting your billing data will allow Cloud Analyzer to access your Cost and Usage data.

### Step 1

Log in to your AWS Master Payer account.

[Login](#)

### Step 2

Set up your Cost and Usage Reports on your AWS account.

([Learn How](#) or skip this if the report is already enabled)

Enter the bucket name where the report is located:

Bucket name

### Step 3

Open CloudFormation with Spot template.

Under capabilities, mark "I acknowledge that AWS CloudFormation might create IAM resources" and click 'Create'.

[Run Template](#)

### Step 4

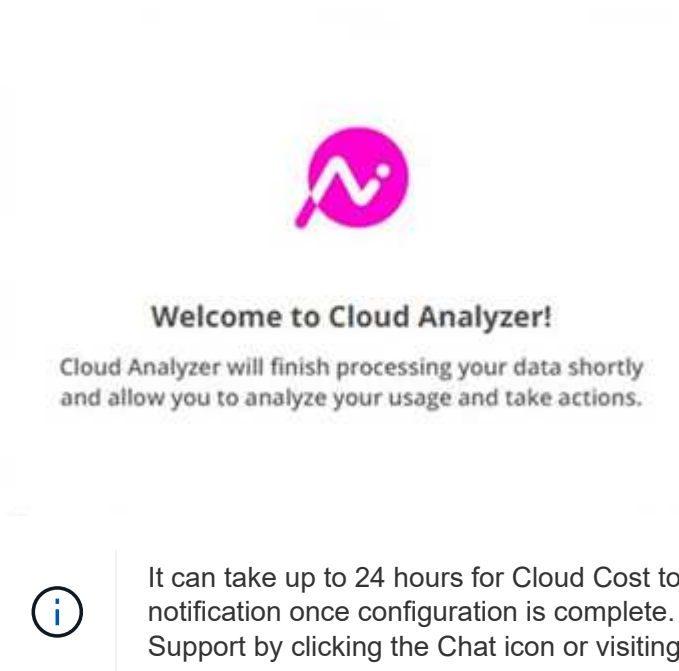
Copy the Spot RoleARN from the Output tab and paste below.

arn:aws:iam::123412341234:role/test123-SpotRc

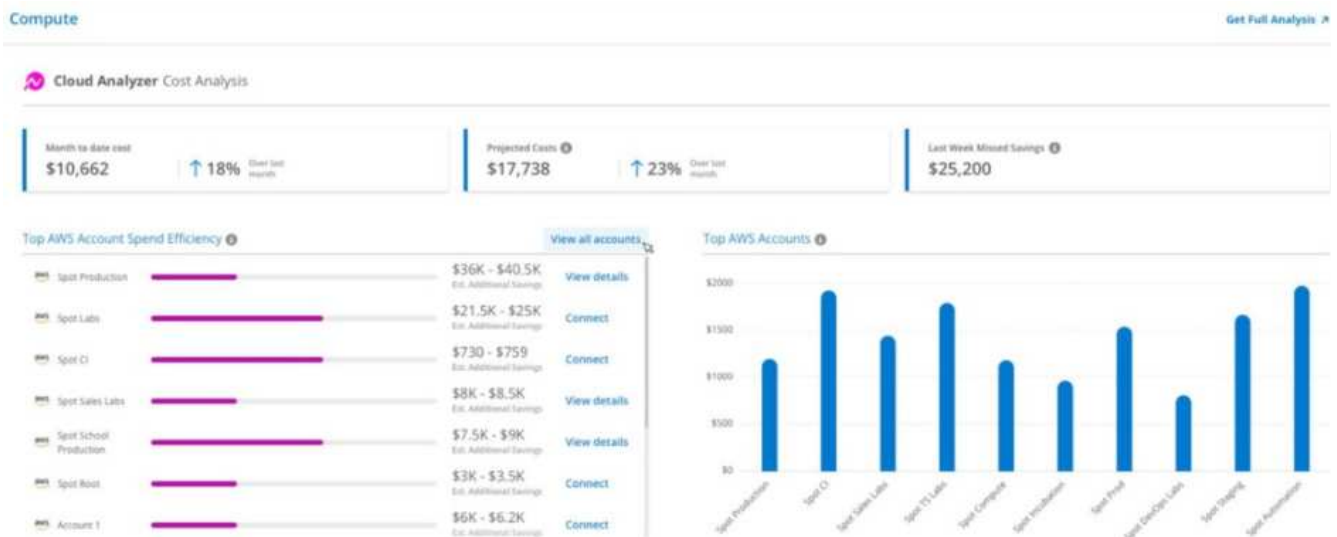
[Connect](#)

[Cancel](#)

- When you have finished configuring your account, Cloud Cost displays a "Welcome" message.



- After setup is complete, clicking the **Cloud Cost** menu item will display your cost analysis dashboard, similar to the following example.



## More about Cloud Cost

Cloud Cost connects your Cloud Insights environment with the Cloud Analyzer feature of [Spot by NetApp](#), which provides Cloud Insights with the most relevant view of your cloud cost data. By clicking on the *Get Full Analysis* link in the upper right corner of the Cloud Cost dashboard, you can open the full Cloud Analyzer dashboard in Spot. The full analysis may provide additional data and drill-downs to give additional insight into your cloud spending.

## Troubleshooting

Some things to try if you encounter problems:

<b>Problem:</b>	<b>Try this:</b>
I received an email from Spot confirming my setup, but the links don't seem relevant to Cloud Insights	The links in the Spot email are not relevant to Cloud Insights Cloud Cost. Ignore links in the emails from Spot.
Cloud Cost is presenting me with a Spot login prompt.	Your Cloud Cost session may have expired. Navigate to the Cloud Insights Home screen and then back to Cloud Cost to restart your Cloud Cost session.
I received a "Cloud Cost session conflict detected" message.	Cloud Cost sessions opened in multiple accounts are not supported in the same browser. Log out of Cloud Insights and log back in to see Cloud Cost information for your account.
I see an error when I try to log in: "Unauthorized. Invalid credentials."	Verify that you are logging in with the correct credentials. If the problem persists, contact NetApp Spot Support.

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