# **■** NetApp

## **Compute documentation**

Compute

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## **Compute documentation**

### What's new

Learn what's new with the Compute service.

### 7 Dec 2020

#### **Navigation between Cloud Manager and Spot**

It's now easier to navigate between Cloud Manager and Spot.

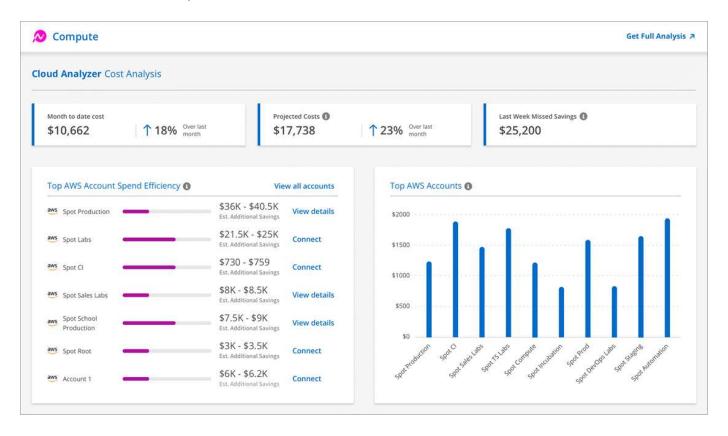
A new **Storage Operations** section in Spot enables you to navigate directly to Cloud Manager. After you're done, you can get back to Spot from the **Compute** tab in Cloud Manager.

### 18 Oct 2020

#### **Introducing the Compute service**

By leveraging Spot's Cloud Analyzer, Cloud Manager can now provide a high-level cost analysis of your cloud compute spending and identify potential savings. This information is available from the **Compute** service in Cloud Manager.

Learn more about the Compute service.



### **Get started**

### Learn about the Compute service

By leveraging Spot's Cloud Analyzer service, Cloud Manager can provide a high-level cost analysis of your cloud compute spending and identify potential savings.

Cloud Analyzer is a cloud infrastructure management solution that uses advanced analytics to provide visibility and insights into your cloud costs. It shows you where you can optimize those costs and lets you implement that optimization using Spot's portfolio of continuous optimization products in just a few clicks.

#### **Features**

- A cost analysis that shows current cost for the month, projected monthly costs, and missed savings
- A view of spend efficiency by account, including the estimated additional savings
- · A link to Spot's Cloud Analyzer for more in-depth details about the spending for all accounts

#### Supported cloud providers

This service is supported with AWS.

#### Cost

There's no cost to use this service through Cloud Manager.

### **How Cloud Analyzer works with Cloud Manager**

At a high-level, Cloud Analyzer integration with Cloud Manager works like this:

- 1. You click Compute and connect your AWS management account.
- NetApp configures your environment as follows:
  - a. Creates an organization in the Spot platform.
  - b. Sends an email welcoming you to Spot.

You can log in to the Spot service using the same single-sign on credentials that you use with Cloud Central and Cloud Manager.

- c. Cloud Analyzer starts processing your AWS account data.
- 3. In Cloud Manager, the Compute page refreshes and you use the information to gain insights on past, current, and future cloud costs.
- 4. You click **Get Full Analysis** at any time to go to Spot's Cloud Analyzer, which provides a full analysis of your cloud spend and savings opportunities.

#### **Data security**

Cloud Analyzer data is encrypted at rest and no credentials are stored for any account.

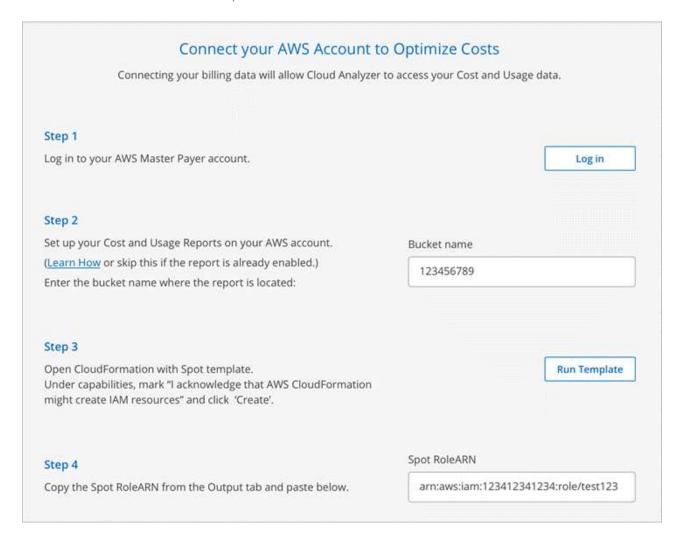
### **Connect Cloud Analyzer to your AWS account**

Connect Cloud Analyzer to your AWS payer account so that you can start optimizing your cloud compute costs.

#### **Steps**

- 1. Click Compute.
- 2. Click Add AWS Credentials to Start.
- 3. Follow the steps on the page to connect your AWS account:
  - a. Log in to your AWS management account.
  - b. Set up cost and usage reports on the AWS account.
  - c. Run the CloudFormation template.
  - d. Paste the Spot RoleARN.

View more details about these steps.



#### Result

Cloud Analyzer starts processing your AWS account data. If you have multiple accounts, Cloud Analyzer starts with read-only capabilities for all linked accounts under the management account. If you want to get more details about the potential savings for those accounts, then you'll need to connect them, as well. You can find

more details about connecting accounts when you analyze your compute costs.	

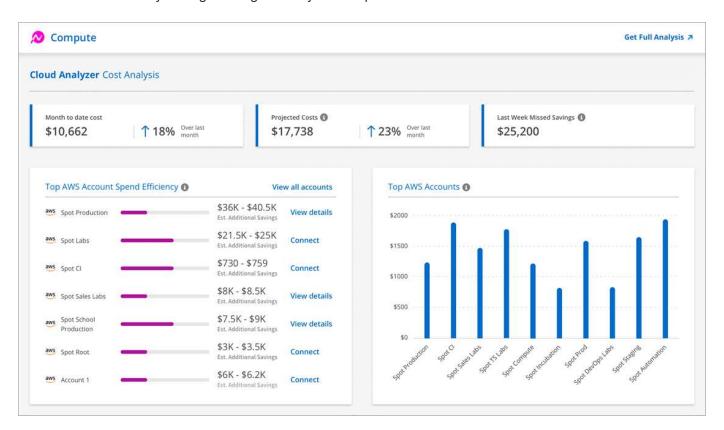
## **Analyze your compute costs**

After you connect your account, view an analysis of your cloud compute costs to get insights into past, current, and future cloud costs.

### View a cost analysis

#### **Steps**

- 1. Click Compute.
- 2. View the cost analysis to gain insights into your compute costs.



#### Month to date cost

The total cost of your workloads from the beginning of the current month to present.

#### **Projected Costs**

The forecasted cost at the end of the month based on analysis of your usage pattern.

#### **Last Week Missed Savings**

Savings that could have been achieved in the previous seven days using optimization of spot instances and reservations.

#### **Top AWS Account Spend Efficiency**

The top 10 accounts according to the greatest amount of estimated additional savings.

Each account is assigned an efficiency score based on current and additional potential savings. The estimated additional savings indicates how much can be further saved by leveraging the use of spot and reserved instances.

You can take the following actions to further optimize your accounts:

- View details: View your cost optimization opportunities by going to Spot's Cloud Analyzer.
- **Connect**: Connect an account that is not yet managed. You will be directed to the wizard that connects the account.

#### **Top AWS Accounts**

This is a bar graph showing your top ten accounts by cost. The graph is based on the last 30 days of spend activity.

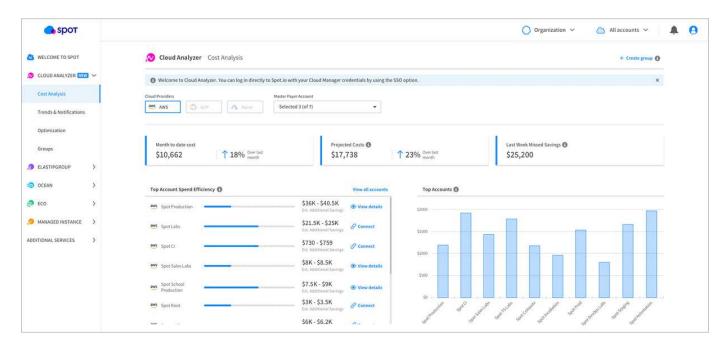
Learn more about the Cost Analysis page that's available in Spot's Cloud Analyzer.

## Get a full analysis

Go to Cloud Analyzer for more analysis and recommendations.

Click **Get Full Analysis** at any time to access more charts and analysis, in-depth recommendations, a use case optimization breakdown (containers, ElasticApps, and reservations), and more.

Here's an example of what you'll see in Cloud Analyzer:



- View the product page for Cloud Analyzer to learn more about its capabilities
- View the documentation for Spot to get help using Cloud Analyzer

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## Register for support

Unresolved directive in task-support-registration.adoc - include::https://raw.githubusercontent.com/NetAppDocs/cloud-manager-family/main/\_include/support-registration.adoc[]

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Notice for Cloud Manager 3.9

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