

AWS Immersion Day LAB 6

CHARGEBACK VISIBILITY: COSTIQ

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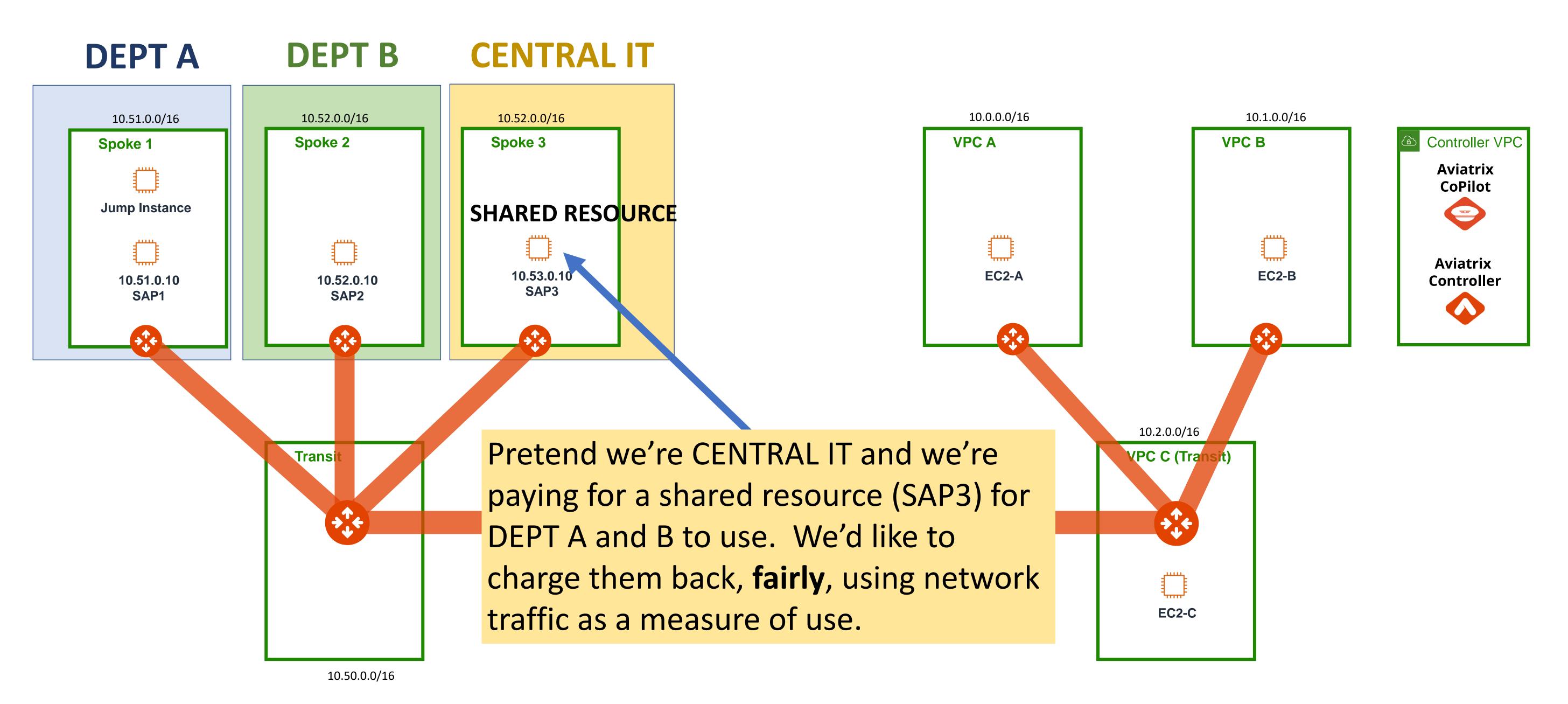


Aaviatrix



Lab 6 Intro pt. 1

Chargeback Visibility with COSTIQ



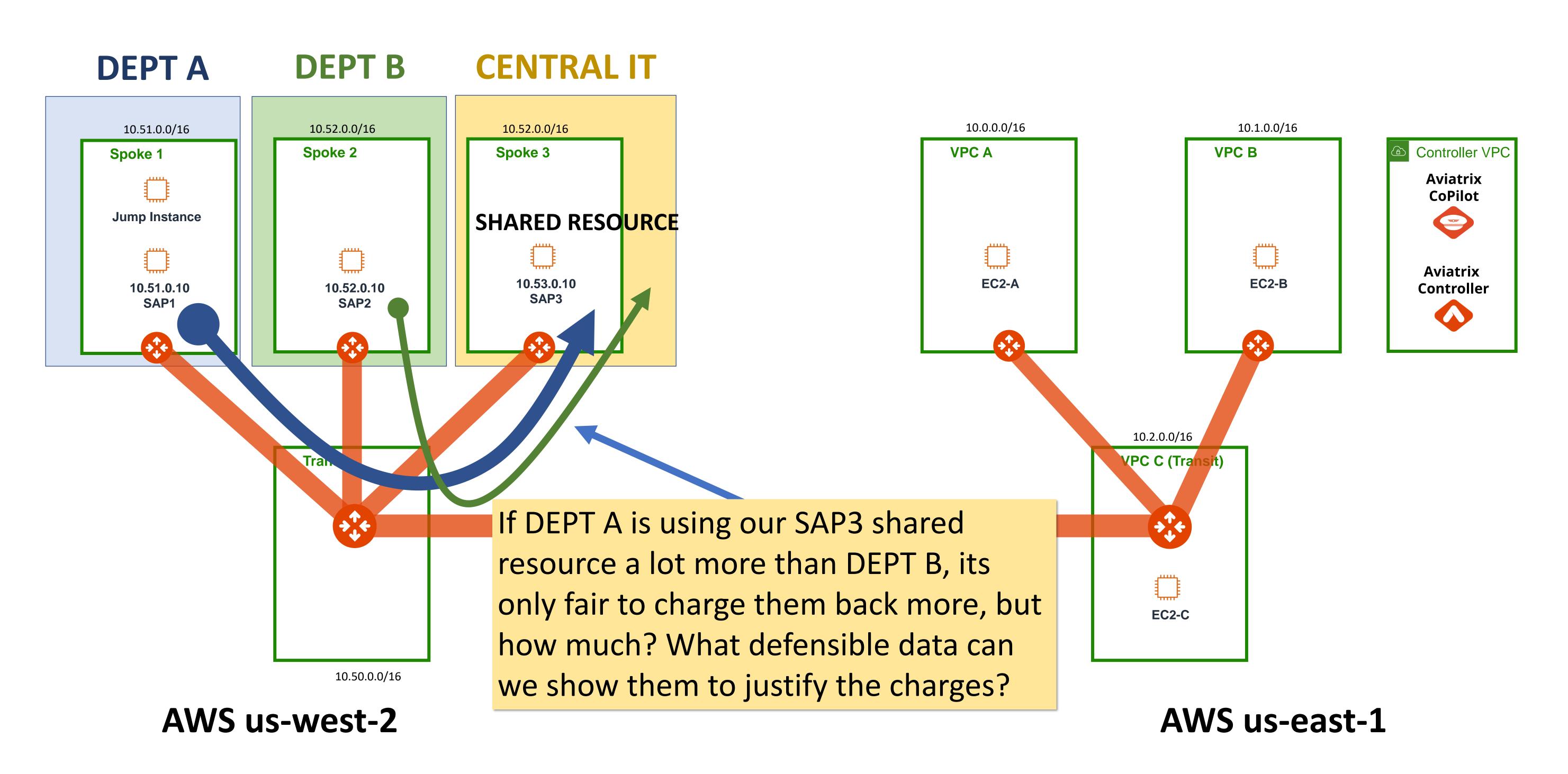
AWS us-west-2

AWS us-east-1



Lab 6 Intro pt.2

Chargeback Visibility with COSTIQ







Enable CostIQ

The solution is to accurately measure network traffic and knowing where that traffic is coming from.

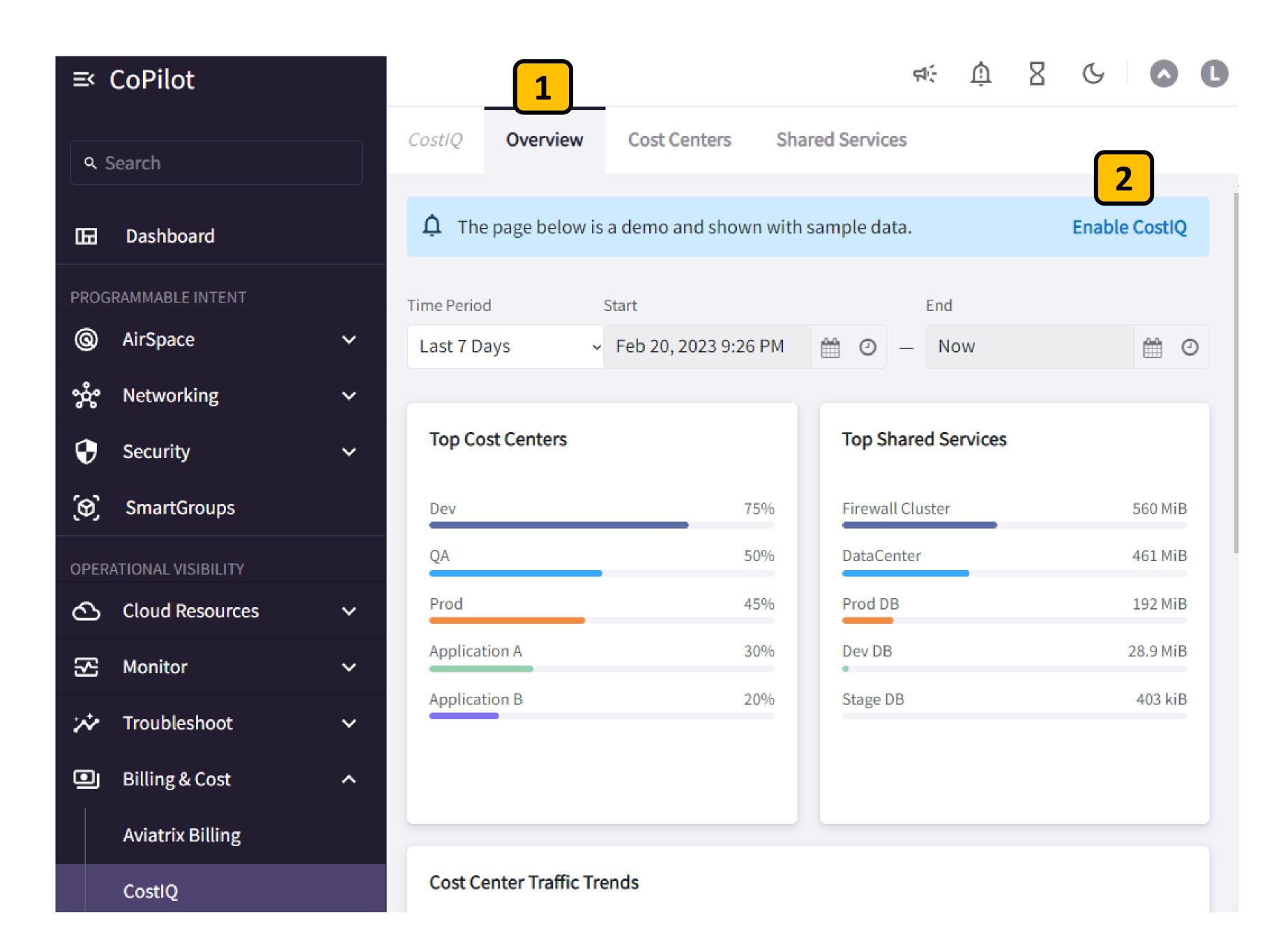
And we need to present that data in a way that makes sense.

Aviatrix CostIQ to the rescue!

Let's get started!

Go to CostIQ > Overview 1

Enable the CostIQ feature 2





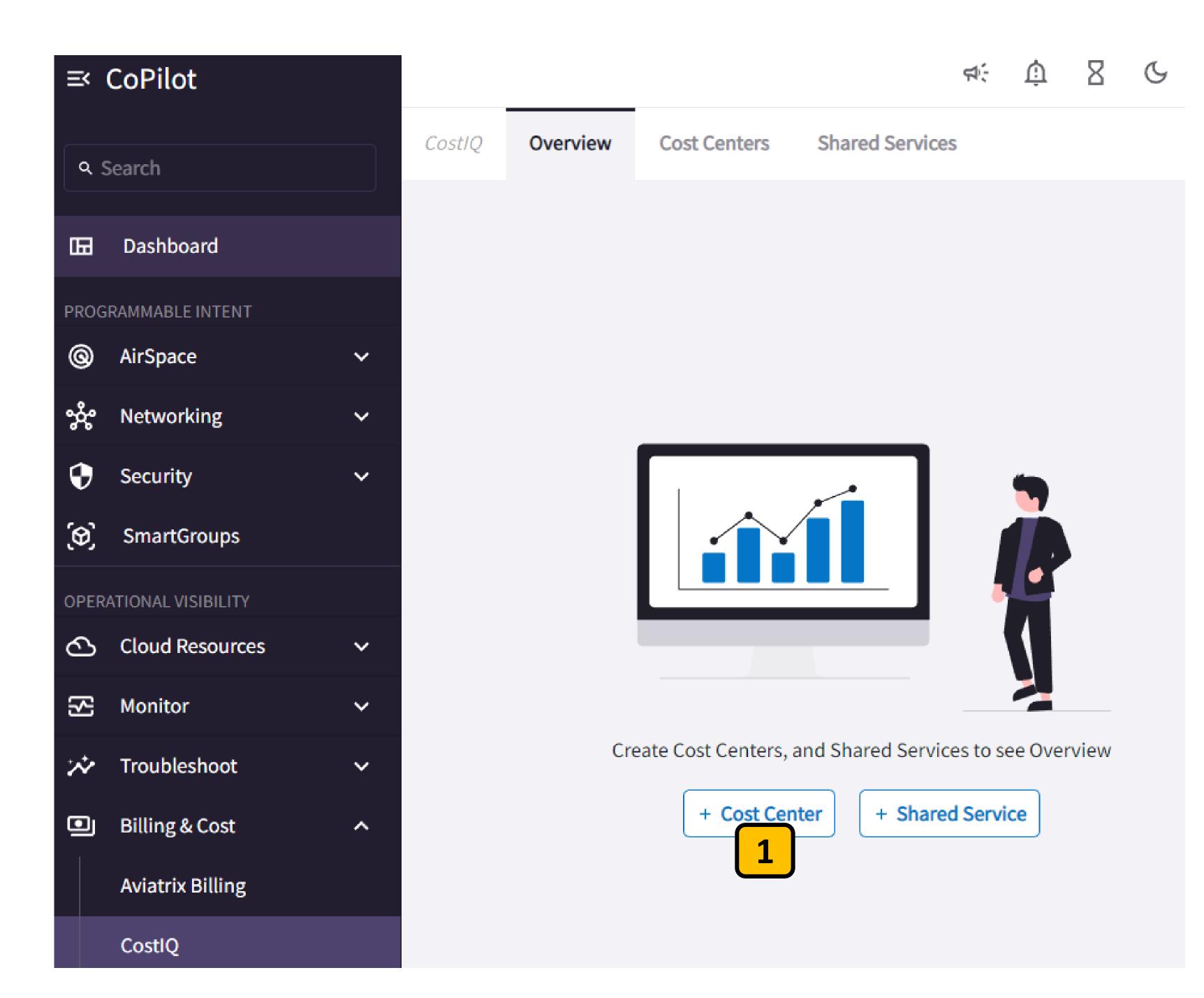


Define Cost Centers and Shared Resources

Aviatrix CostIQ uses a model based on Cost Centers accessing Shared Services.

Let's start by defining our Cost Centers: DEPT A and DEPT B

Click + Cost Center 1







Define Cost Centers and Shared Resources

In the Create Cost Center pop-up let's name this Cost Center **DEPT-A** 1

We know that DEPT-A is using the Spoke VPC aws-us-west-2-spoke-1

In the Associate VPC drop-down, select aws-us-west-2-spoke-1 2

Click Save 3

Create Cost Center	
Name DEPT-A	
Associate VPC/VNets aws-us-west-2-spoke-1 × 2	× •
	Cancel Save

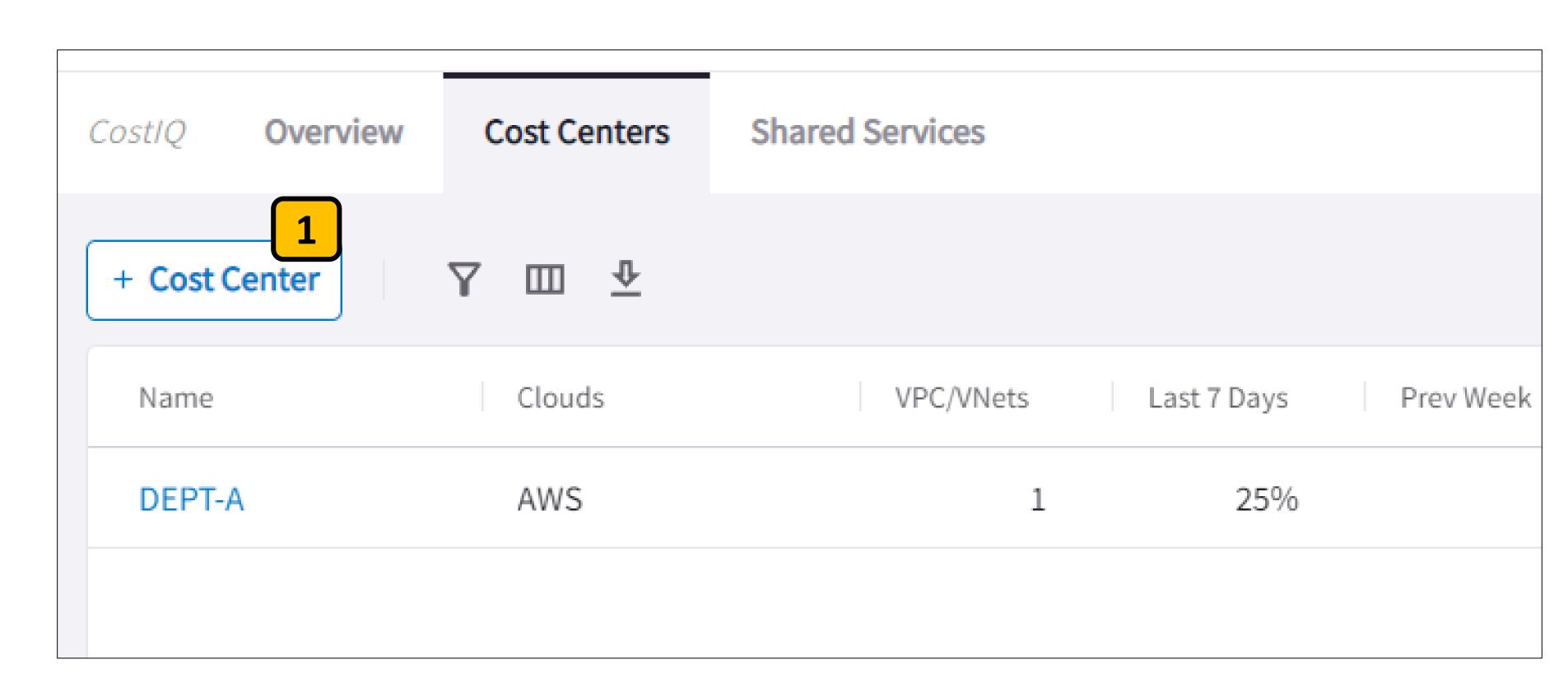




Define Cost Centers and Shared Resources

Now let's define the Cost Center for **DEPT-B**

Click + Cost Center 1







Define Cost Centers and Shared Resources

Name the Cost Center **DEPT-B** 1

We know that DEPT-B is using the Spoke VPC aws-us-west-2-spoke-2

In the Associate VPC drop-down, select aws-us-west-2-spoke-2

Click Save 3

Create Cost Center	
Name DEPT-B	
Associate VPC/VNets aws-us-west-2-spoke-2 × 2	× •
	Cancel Save



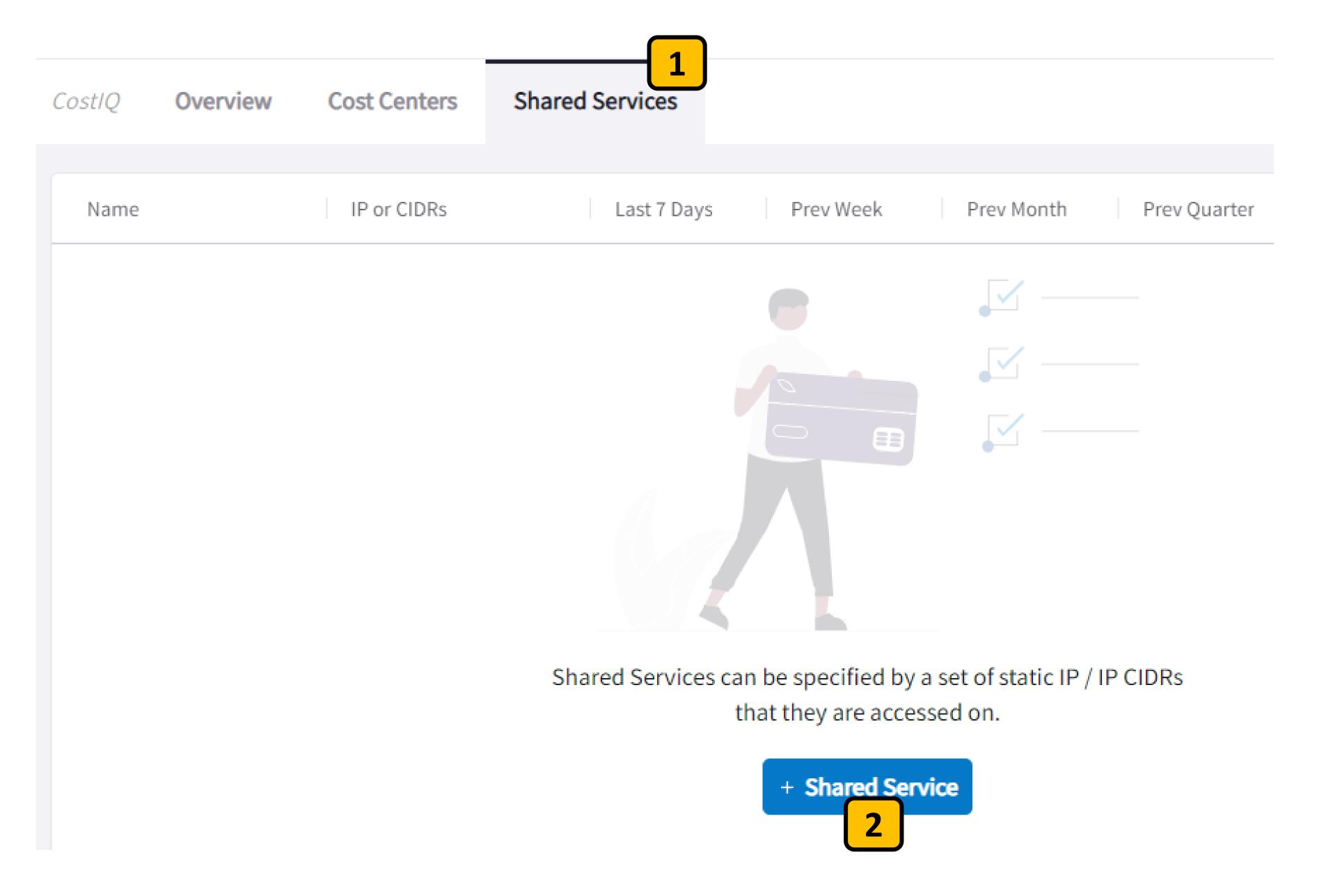


Define Cost Centers and Shared Resources

With our Cost Centers defined, now let's define our Shared Service they are accessing.

Click the **Shared Services** tab

Click the + Shared Service button 2







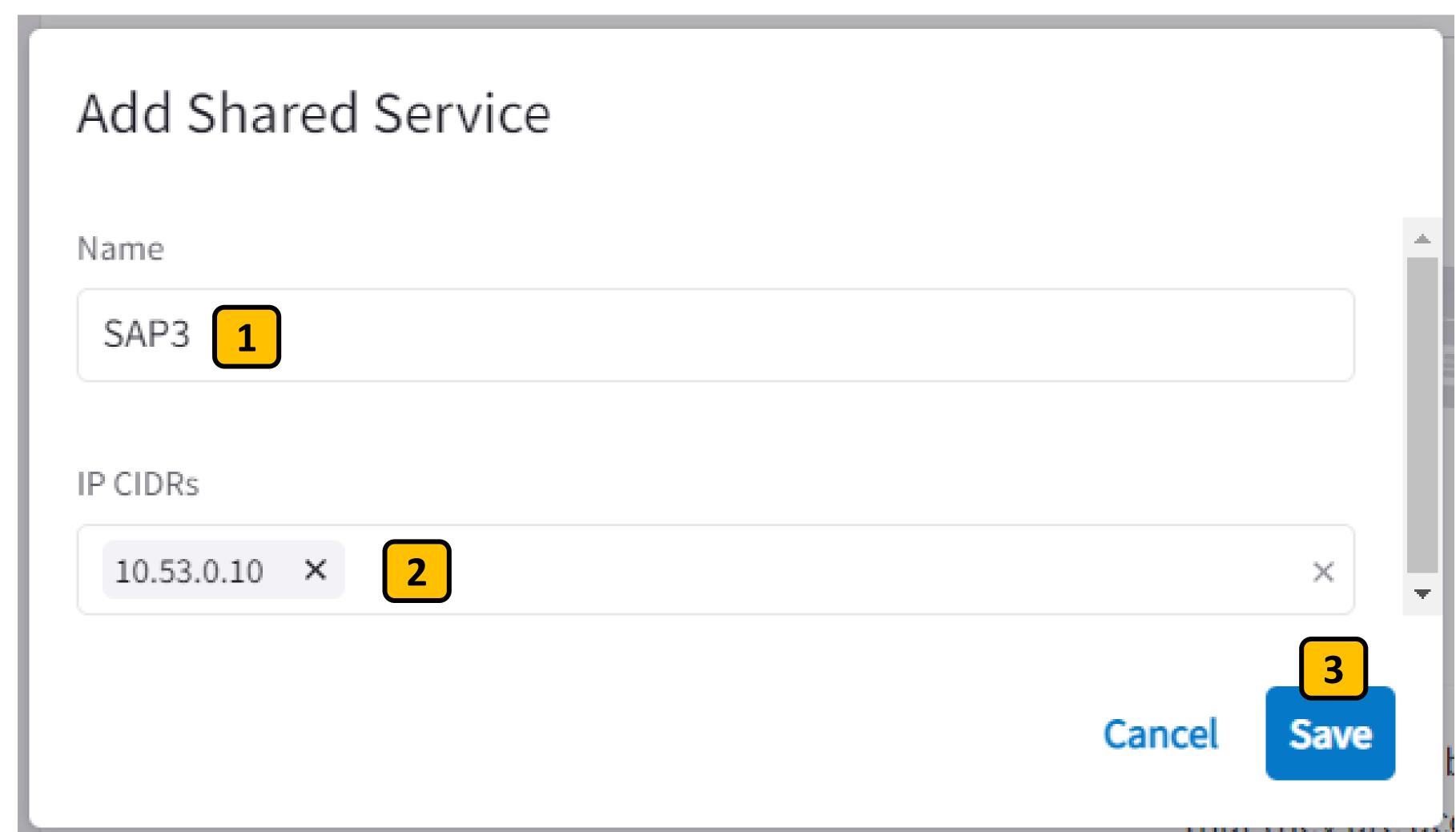
Define Cost Centers and Shared Resources

Named the Shared Service SAP3 1

Our SAP3 instance has the IP address of **10.53.0.10**, so enter that IP address in the IP CIDRs 2

Note: Cost Centers can be entire IP CIDR blocks, or many unique IP addresses. For this lab we have only one IP address.

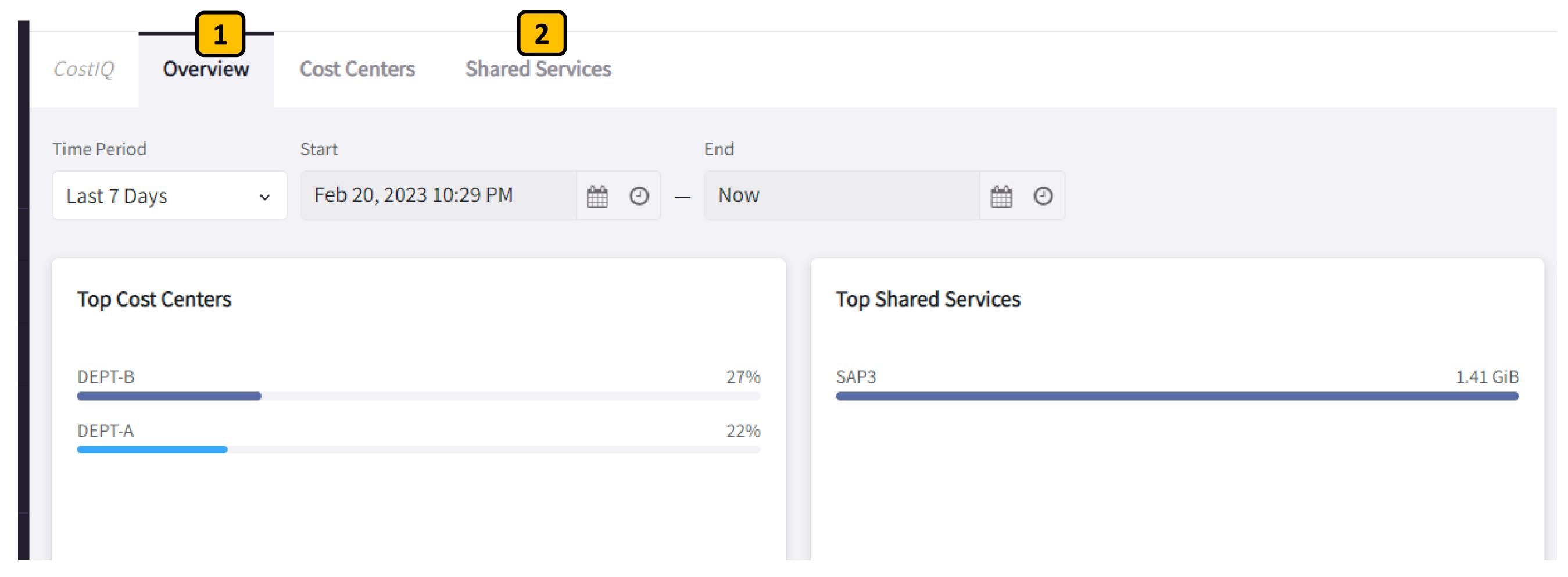
Click Save 3







View the network usage data



Click on the **Overview** tab

CoPilot looks at all the traffic to our Shared Services and figures out the exact percentage coming from each Cost Center. It does this by analyzing traffic history from FlowIQ.

Click on the **Shared Services** tab and select the **SAP3** Shared Service. 2





View the network usage data

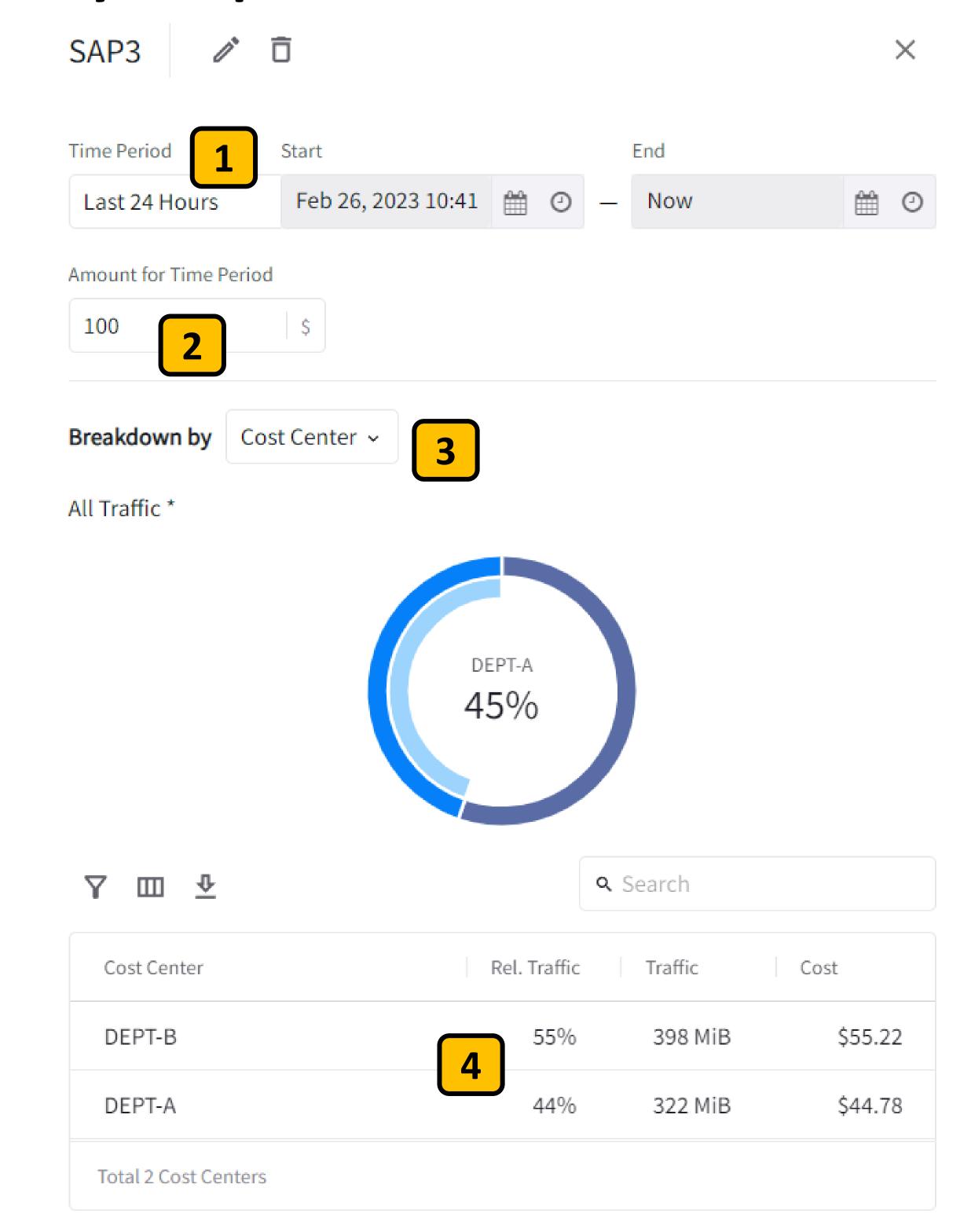
Now let's examine the network usage details of our SAP3 Shared Service

Select a **time period** to analyze (e.g. 24 hours)

Let's say we know this instance costs us \$100 per 24 hours. Enter \$100. 2

Select Breakdown by Cost Center 3

Based on this data we can fairly and reasonably chargeback DEPT-B \$55 for the day, and DEPT-A \$44 for their usage of this Shared Service on this day





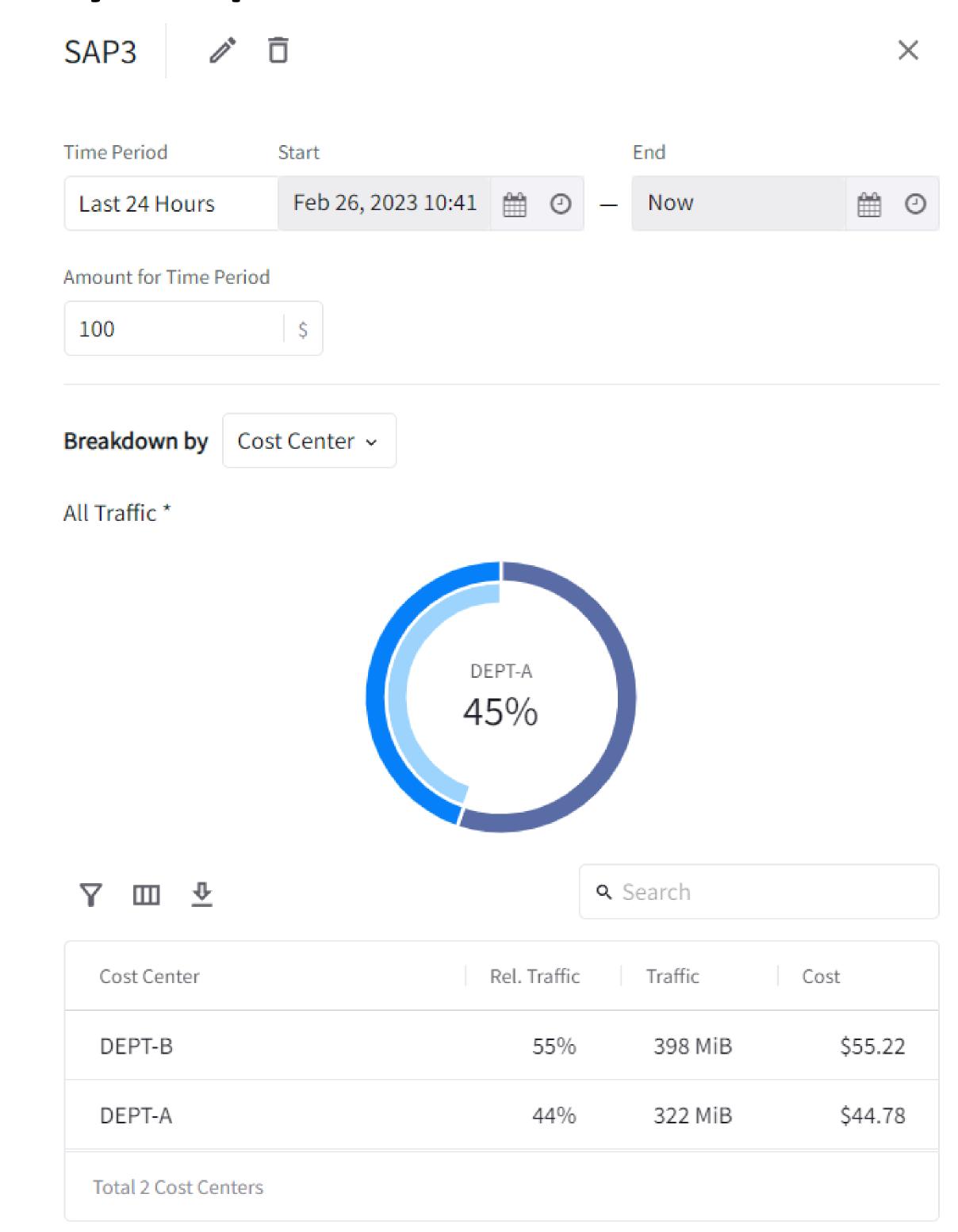


View the network usage data

It's that easy.

Brainteaser: How would you arrive at this data without Aviatrix Copilot?

How long would it take? How many SQL query experts would you need working on it?





Lab 6 Outro

Chargeback Visibility with COSTIQ

