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Welcome!

The webinar will start shortly.

Housekeeping rules

This session is being recorded and will be posted on the SAP Onboarding Resource Center.

The audio functionality for the attendees has been turned off for privacy reasons.

Attendees can use the Q&A panel to ask questions.

You will be prompted to fill out two polls during the webinar and a survey after the session is completed – your participation is valued.

Smart Cloud Spending

Leveraging FinOps and Usage Data Management in SAP BTP

Prepared by: Willem Pardaens, Eran Lahav

March 2025 | Live Webcast

About the Creators

Eran Lahav
BTP Unified Metering & Reporting PO

Eran has over 10 years of experience with SAP, specializing in the leadership of metering, reporting services, and the FinOps domain within SAP BTP. With a deep commitment to customer success, Eran believes that effective usage data management and financial operations are essential for maximizing value from SAP BTP.

Willem Pardaens
BTP Architect & Product Expert, Global CoE

Willem is a central contact for the SAP BTP and drives the conversation around this innovation platform with strategic customers and partners. Having hands-on experience with enterprise integration, application development and data management, he can help convert a business idea into a solution architecture and MVP.

Agenda

On today's call, we'll get you and your team **Ready** to take control of FinOps and Usage Data Management on SAP Business Technology Platform. We'll make sure you're **Set** with the knowledge to navigate BTP's core features and get you ready to **Go** with hands-on insights that will help you drive financial efficiency and achieve your business objectives.

1

Get ready

Introduction to FinOps & Usage Data Management (UDM), Key features and upcoming roadmap

2

Get set

BTP Cockpit: Current capabilities and what's next

3

Go!

FinOps App: Overview and live demo
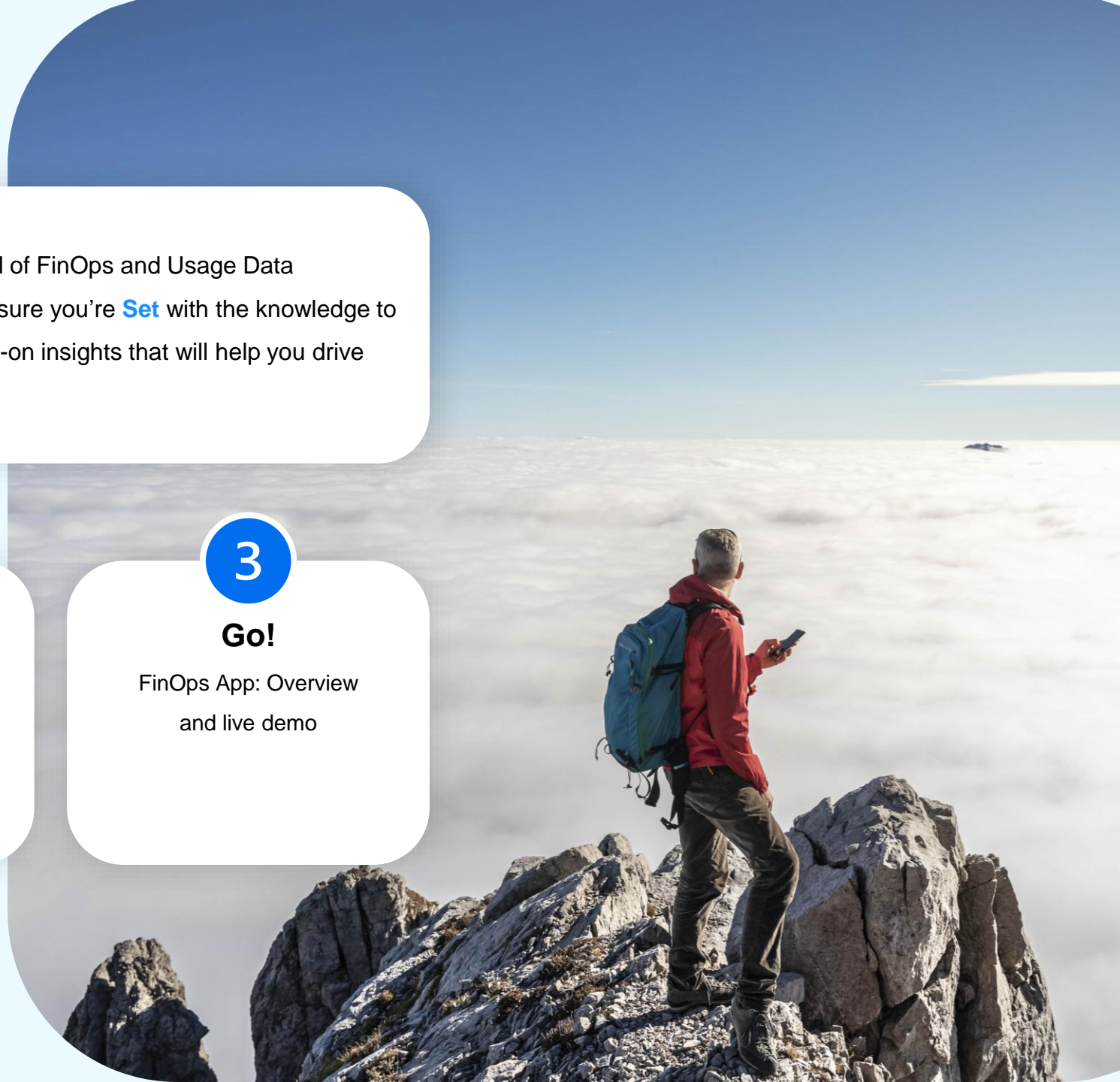
Overview of SAP BTP's Offering

FinOps Maturity Tiers

Target Audience

3 **Run**
Deeply involved in developing their financial strategies and analyzing complex data to drive informed decision-making and optimization

2 **Walk**
Actively monitor their financial operations and engage in forecasting to anticipate future trends and needs.

1 **Crawl**
Primarily engaged in viewing and calculating data, focusing on basic financial metrics.

Optimize Cloud Usage & Cost

Licensing & SaaS

Architecting for Cloud

Rate Optimization

Planning & Estimating

Forecasting | Unit Economics | Budgeting

Workload Optimization

Quantify Business Value

Understand Cloud Usage & Cost

Data Ingestion | Reporting & Analytics | Allocation | Anomaly Management

FinOps Teams

Controllers

GA Admin

Get ready

1   **2**   **3**
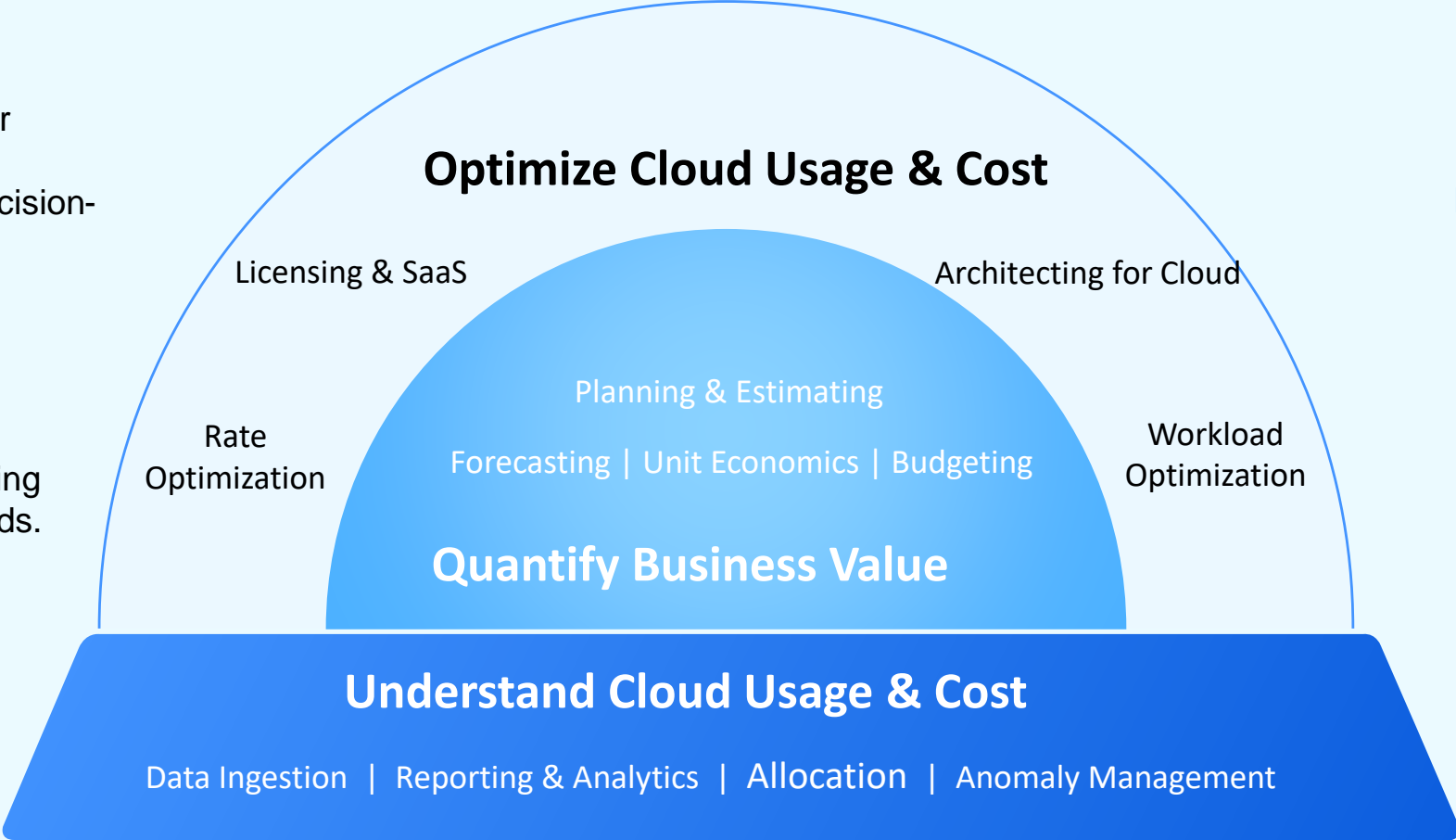
Costs & Usage @ BTP Cockpit Redesigned

Costs & Usage @ Exported Spreadsheet – Updated

✓ Current Scope:

   ✓ Credits Expenditure

   ✓ Monthly Cost Distributed to Subaccounts

   ✓ Actual Usage (Daily/Monthly, Space & Instance Level)

✓ Updates:

   ✓ Directory & Subaccount Labels

   ✓ Aligned Date values to integrate between the views.

   ✓ Distribution of cost values to Commercial Models
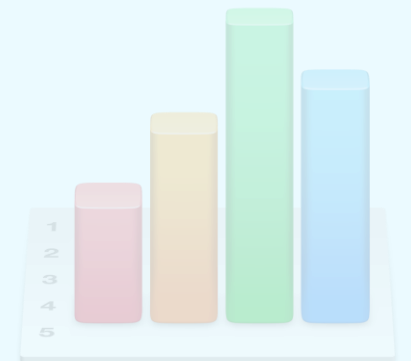
Get set

1 2 3

UDM in the Discovery Center – Always Free

Resource Consumption APIs Enhanced

SAP Business Accelerator Hub

Explore   Resources   Discover Integrations   Partner with Us

Hi Eran ⌄

/ Core Services for SAP BTP

Resource Consumption

Generate reports based on the resource and cost consumption within your accounts.

Show API Key

Overview   **API Reference**   Model View   API Consumption   Try Out
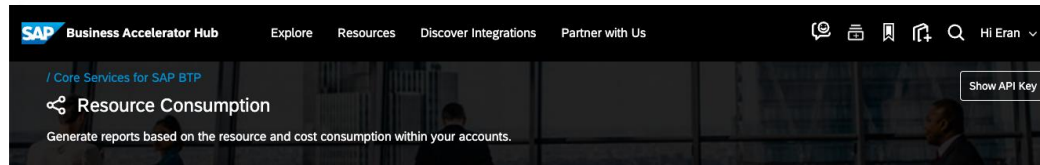
Try Out

Usage and Cost Management

| GET | **/reports/v1/cloudCreditsDetails** |
| | Get cloud credit data for a global account |

| GET | **/reports/v1/monthlyDirectoryUsage** |
| | Get monthly usage reporting data for a directory |

| GET | **/reports/v1/monthlySubaccountsCost** |
| | Get monthly cost reporting data for all subaccounts |

| GET | **/reports/v1/monthlyUsage** |
| | Get monthly usage reporting data for a global account |

| GET | **/reports/v1/subaccountUsage** |
| | Get usage reporting data for a subaccount |

FEEDBACK

13

Resource Consumption APIs Enhanced

Consumption Notifications Enhanced

✓ Cloud credits notifications using explicit subscriptions through **SAP Alert Notification** service was
released in 2024.

Let's GO FinOps !

1 **2** **3**

Application Samples & Best Practices SAP Blogs

✓ Cloud credits notifications using business rules for

dynamic thresholds.

✓ Recalculating the internal cross charging with the ability

to exclude certain subaccounts due to existing quota.

✓ Combined notification about usage and cost per

service, metric and subaccount.

Our goal

#1

The single, central FinOps solution for all SAP products.

#1

One solution which can have Multiple GAs in place.

#1

One label service for all BTP & CF Entities.

#1

One framework for cross charging shared instances

All in One - a FinOps app

https://discovery-center.cloud.sap/missiondetail/4489/4776/

All in One - a FinOps app

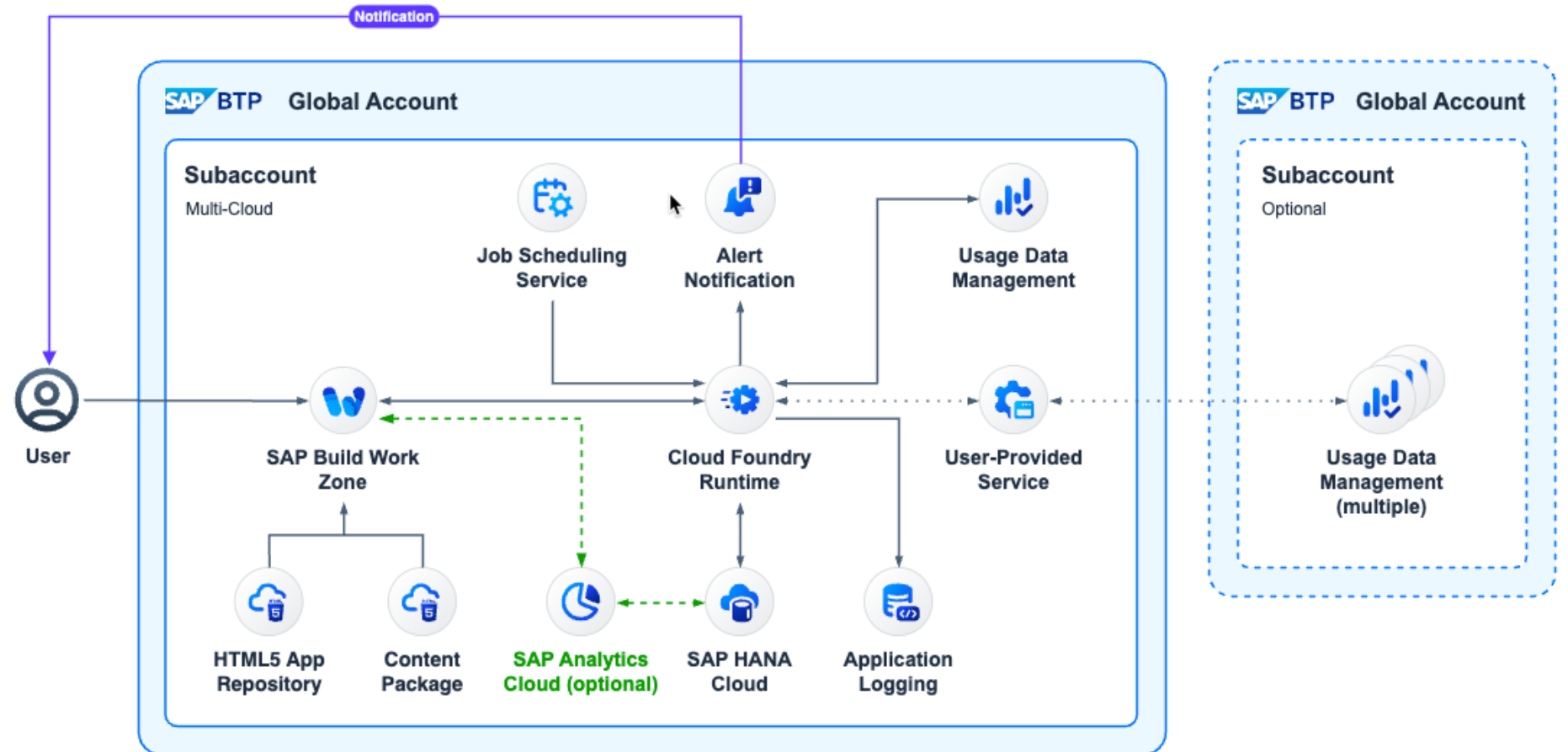**BTP FinOps: Keeping**

W **SAP Willem_Pardaens**
Product and Topic Expe

👍 | **16 Kudos**

In an earlier blog we introduc
announces a **new version** of
and an improved user experie

The main improvements in ve

- **Multi global account**:
  you to monitor all your
- **SAP Analytics Cloud i**
  are embedded in the ap
  information (see e.g. cr
- **Business tags**: To allow
  introduced as a key fea
- **Contract values**: As ke
  with your contract and snow projections based on forecasts.
- **Account structure overview**: The application now visualizes your account structure in a hierarchy
  which will help you understand its costs better.
- **Improved alerting**: The alerting mechanism is enhanced and now offers a live preview of the configured
  thresholds.

https://community.sap.com/t5/technology-blogs-by-sap/btp-finops-keeping-track-of-your-credits/ba-p/13737793

20

Available on github.com/SAP-Samples

- ✓ Overview
- ✓ Billing Verification
- ✓ Cost Breakdown
- ✓ Credit Expenditure
- ✓ Cross Charging
- ✓ Monitoring & Alerting
- ✓ Cost Optimization

Billing Verification & Service **Forecasting**

Billing Verification & Service Forecasting

Technical Allocation Dashboard

Technical Allocation overview

Date: Jun 20, 2024

	Hierarchy													
Tag Name														
Tag Value	1-Global Account		2-Datacenter		2-Directory		3-Sub Account		4-Service		4-Space		5-Service (alloc.)	
Measures	Cost	Forecasted Cost	Cost	Forecasted Cost	Cost	Forecasted Cost	Cost	Forecasted Cost	Cost	Forecasted Cost	Cost	Forecasted Cost	Cost	Forecasted Cost
AccountStructure														
⌄ Customer: All Accounts	$3,491.70	$4,032.68	$3,491.70	$4,032.68	$3,491.70	$4,032.69	$3,491.70	$4,032.69	$3,491.70	$4,032.69	$330.17	$487.76	$330.17	$487.76
⌄ Global Account: Demo Industries Ltd	$3,491.70	$4,032.68	$3,491.70	$4,032.68	$3,491.70	$4,032.69	$3,491.70	$4,032.69	$3,491.70	$4,032.69	$330.17	$487.76	$330.17	$487.76
Datacenter: cf-eu10-canary	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Datacenter: eu10-canary	–	–	$3,491.70	$4,032.68	–	–	–	–	–	–	–	–	–	–
⌄ Directory: Non-Prod	–	–	–	–	$415.08	$542.00	$415.08	$542.00	$415.08	$542.00	$38.17	$53.51	$38.17	$53.51
› Sub Account: Data DEV	–	–	–	–	–	–	$223.16	$334.74	$223.16	$334.74	–	–	–	–
⌄ Sub Account: IT	–	–	–	–	–	–	$191.92	$207.26	$191.92	$207.26	$38.17	$53.51	$38.17	$53.51
Service: Business Application Studio	–	–	–	–	–	–	–	–	$30.00	$30.00	–	–	–	–
Service: Cloud Foundry Runtime	–	–	–	–	–	–	–	–	$30.67	$46.01	–	–	–	–
Service: Destination	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Service: HTML5 Application Repository Service	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Service: Job Scheduling Service	–	–	–	–	–	–	–	–	$7.50	$7.50	–	–	–	–
Service: SAP Build Work Zone, standard edition	–	–	–	–	–	–	–	–	$123.75	$123.75	–	–	–	–
⌄ Space: monitoring	–	–	–	–	–	–	–	–	–	–	$38.17	$53.51	$38.17	$53.51
Service (alloc.): Application Logging Service	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Service (alloc.): Cloud Foundry Runtime	–	–	–	–	–	–	–	–	–	–	–	–	$30.67	$46.01
Service (alloc.): Job Scheduling Service	–	–	–	–	–	–	–	–	–	–	–	–	$7.50	$7.50
› Directory: Production	–	–	–	–	$3,025.83	$3,424.07	$3,025.83	$3,424.07	$3,025.83	$3,424.07	$253.83	$380.75	$253.83	$380.75
› Directory: Sandbox	–	–	–	–	$50.79	$66.62	$50.79	$66.62	$50.79	$66.62	$38.17	$53.50	$38.17	$53.50

Cost Breakdown per all Entities

Credits Expenditure & Budgets Management

Labels for Hybrid & Shared Resources

Cross Charging with SAC embedded

Alerts on Cost, Credits, Usage & Forecast

Cost optimization Strategies & Best Practices

SAP | Home ⌄ | Search 🔍 | WP

Overview | Billing Verification ⌄ | Cost Breakdown ⌄ | Credit Expenditure | Cross Charging ⌄ | Monitoring & Alerting | **Cost Optimization** | Manage Tags

🔔 **Enable Alert Notification Service**
Cost Optimization Strategy #1

Kickstart your cost optimization journey by activating the Alert Notification Service through our dedicated application. This crucial first step empowers you to **proactively** oversee your cloud consumption by setting up real-time alerts for usage spikes or budget overruns.

Customize alert thresholds to match your budgetary limits directly within the app, ensuring immediate awareness and control over your cloud costs. Stay on top of your finances effortlessly and **prevent unexpected expenses!**

Alert configuration:

- Enables configuring alerts to monitor usage and cost consumption.
- Alerts can be set based on predefined thresholds, which may be derived from forecasts of cost or usage.
- Hierarchical configuration for fine-grained control.

Alerts can be customized at multiple levels:

- Global Account
- Directory
- Subaccount
- Data Center

Granular alert options:

- Alerts can be set at the service or individual metric level.
- Alerts can be differentiated between commercial measures (charged costs) and technical measures (actual usage).

Read More ...

👤 **Terminate Unused Resources**
Cost Optimization Strategy #2

Achieve significant cost reductions by proactively identifying and terminating compute or networking setups and services that are no longer needed.

Regularly auditing and shutting down these unused assets ensures that you're investing only in resources that **deliver real value to your organization**, optimizing your cloud spend efficiently.

Read More ...

🏷️ **Leverage Tags for Cross-Charging**
Cost Optimization Strategy #3

Adopt labeling in your cost-tracking routine to refine and automate the cross-charging mechanism. It allows **precise automated distribution of costs** among various projects or business units.

The result is simplified budget management and enhanced financial planning, making tags an invaluable asset for transparent financial operations.

Read More ...

🏷️ **Leverage Labels for Cross-Charging**
Cost Optimization Strategy #4

Adopt labeling in your cost-tracking routine to refine and automate the cross-charging mechanism. It allows precise automated distribution of costs among various projects, departments, or business units.

This practice ensures a transparent and accurate billing process, where expenses are correctly allocated to relevant internal entities. The result is simplified budget management and enhanced financial planning, making labels an invaluable asset for transparent financial operations and effective cost allocation within intricate organizational frameworks.

Account Structure Oversight monitors the structure of accounts:

- Tag Definition: Allows defining tags based on cross-charging requirements.
- Tags can be defined not only by the line of business but also with specific percentages when multiple lines of business are involved.
- Each account level can have tags managed according to the specific requirements of the line of business, facilitating the cross-charging process.

Tagging for Exclusion:

- Ability to tag instances, subaccounts or spaces as 'Excluded' for exclusion from the cross-charging process.
- Includes filtering capabilities to view accounts as either excluded or not excluded.

Read More ...

Cloud FinOps

Cloud FinOps empowers you to take control of your SAP BTP cloud spend. Join the conversation to uncover actionable insights, learn about cost monitoring, billing verification, and cross-charging. Connect with peers and SAP experts to drive smarter cloud financial decisions.

👥 33 members   🌐 Open group   📅 Created a week ago

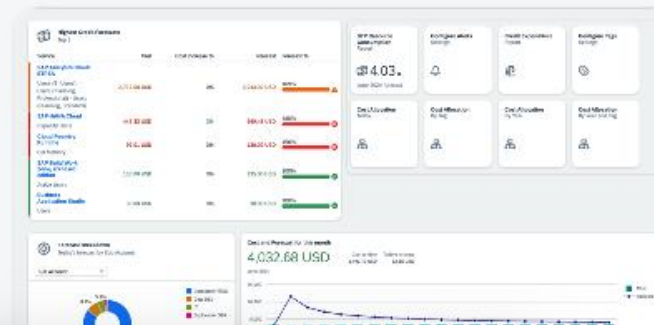| This group ⌄ | What are you looking for today? | 🔍 |

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🗐 3

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