Mastering Multi Cloud Cost Control with OCI Log Analytics

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Erika Sciunzi, Observability Black Belt, ORACLE
Moritz Werning, Product Manager DB Services - Swisscom (Schweiz) AG

Speaker

Moritz Werning

- Product Manager Swiss AI Platform & DB Services @ Swisscom (Schweiz) AG
- master's degree in computer science (University of Tübingen in Germany)
- 16 years experience with the Oracle database, Oracle engineered Systems and data warehousing
- 2 years experience in AI Platforms

Speaker

Erika Sciunzi

- Observability Black Belt in Oracle
- 10 years experience in Database and System Management
- 5 years experience as Oracle Presales
- 5 years experience with the Oracle, Mysql, SqlServer database in public sector
- master’s degree in computer science

Agenda

1. Introduction
2. Motivation: Why Cost Control with OCI Log Analytics?
3. Solution: Cost Control with OCI Log Analytics
4. Demo
5. Results & Conclusion

Intro Swisscom

Swisscom Switzerland– Oracle Footprint

- **Swisscom**, Switzerland's leading telecom company and one of its leading IT companies
- 2025 over 23,000 employees generated sales of CHF 15.1 billion
- It is 51% Confederation-owned
- one of Switzerland's most sustainable and innovative companies

Swisscom Oracle Footprint:

- 7 B2B data center's in Switzerland
- ~20 PB data online
- Oracle Exadata
- Oracle Exadata Cloud@Customer: **MODB Service available**
- Oracle Private Cloud Appliance
- Oracle ZDLRA
- Oracle Database Appliance
- Oracle Exalogic
- Oracle Exalytics
- Oracle Big Data
- Real Application Clusters
- Active Data Guard
- Advanced Security
- Advanced Compression
- Golden Gate
- Data Integrator
- APEX & ORDS

Cloud Cost Basics

The Cloud paradigm

In the **cloud paradigm** IT resources are **delivered on demand as services** rather than owned and managed as fixed infrastructure.

- **Usage-based, elastic consumption** → reduces upfront investment and avoids over-provisioning
- **Rapid scalability and automation** → enables faster innovation and time-to-market
- **Managed, shared infrastructure** → lowers operational overhead and improves reliability
- **Cloud credits** → prepaid discounts that reduce costs, encourage experimentation, and support adoption of new services, often with time limits or usage restrictions

The Cloud paradigm challenge

Allocating budgets in a **cloud paradigm** is difficult because spending is **dynamic, shared, and inconsistent across providers**.

- **Unpredictable usage-based costs** that change with demand and scaling
- **Shared and fast-changing resources** that make ownership and accountability unclear
- **Inconsistent pricing and billing models across cloud providers**, making comparisons and forecasting difficult

This shifts budgeting from static planning to **continuous forecasting, normalization, and cost accountability**, reinforcing the need for FinOps practices.

Why Cost Control with OCI Analytics?

Motivation – Why Cross-Realm FinOps Dashboard / How It All Started?

We started with one OCI tenant → “easy.”

Then we added a two more tenants. Parent Tenant and now to childs → “still fine... right?”

Then the EU Sovereign Cloud arrived → “okay now we’re in trouble.”

Each tenant came with its own subscription.

But we had also a Main Subscription with Annual Flex commitment.

With each contract we changed Annual Flex commitment

And suddenly we had:

More tenants than dashboards

More subscriptions than patience

And zero overview

Controlling asked:

“Can someone just show ALL the costs... in ONE place?”

"And what about Azure & AWS & GCP"?

"And what about alarming?"

Motivation – Why Cross-Realm FinOps?

Swisscom operates many OCI tenancies and subscriptions.

Annual Flex commitment changes with each new contract

EU Sovereign Cloud introduces strict realm isolation

limited unified cost & commitment view across realms & tenants

FinOps requires governance, budgeting, chargeback insight

Why I need another tool?

Limited automation for cost controls

- Budgets are soft limits; OCI cannot automatically stop overspend without custom functions or scripts.

Basic alerting only

- Alerts are tied to specific thresholds, with no built-in anomaly detection, predictive analytics, or multi-cloud insights.

Partial chargeback support

- Cost allocation via tags and compartments exists, but full internal billing or showback/chargeback automation requires external tools.

Single-cloud focus

- no natively unify or normalize costs view across multiple cloud providers, which is critical for multi-cloud FinOps.

FinOps

Finops Foundation

www.finops.org

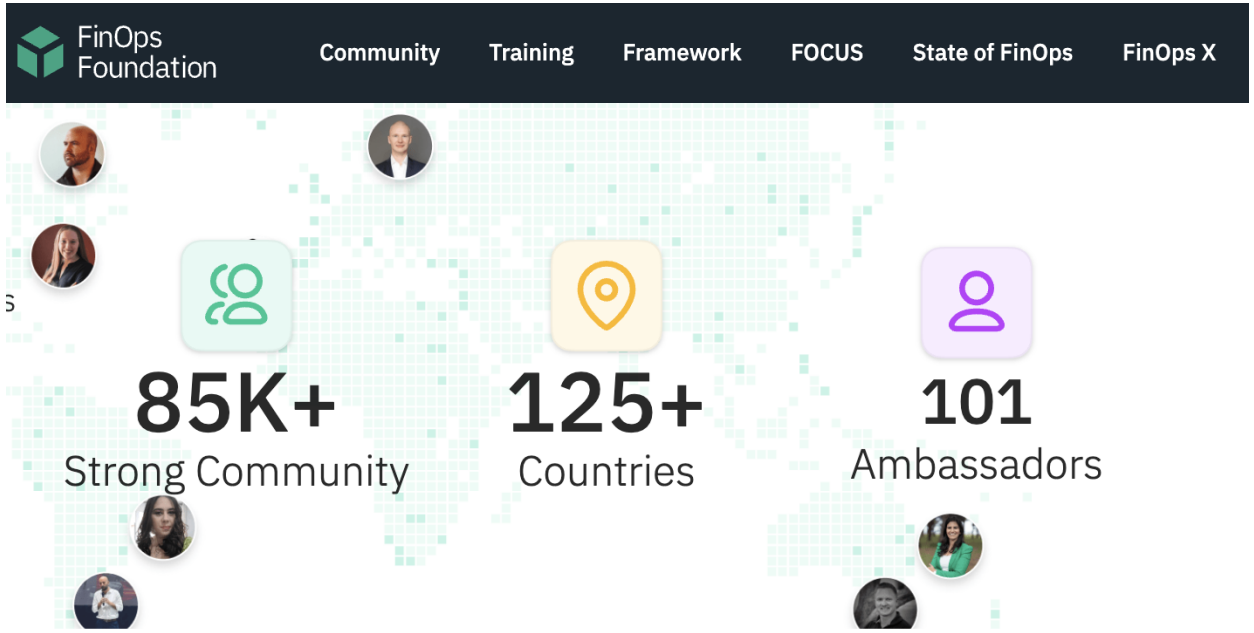
FinOps Foundation is a nonprofit community that defines best practices, standards, and training for cloud financial management.

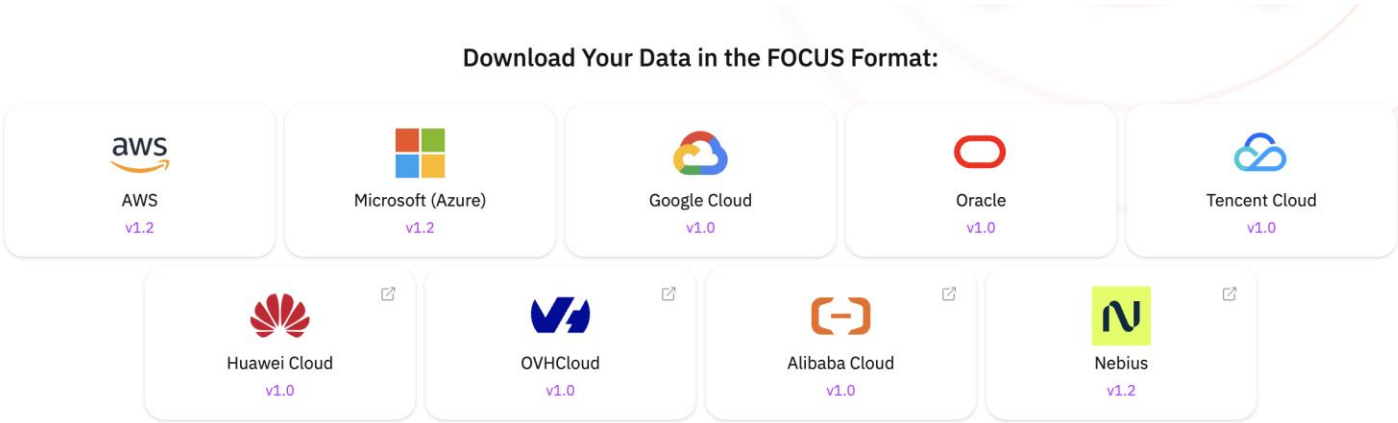
- Develops the FinOps Framework and open standards
- Provides training, certification, and research
- Connects a global community of FinOps practitioners

The **FOCUS report** refers to FOCUS (FinOps Open Cost and Usage Specification).

It is an open, standardized format for cloud cost and usage data that makes financial reporting consistent across providers and tools.

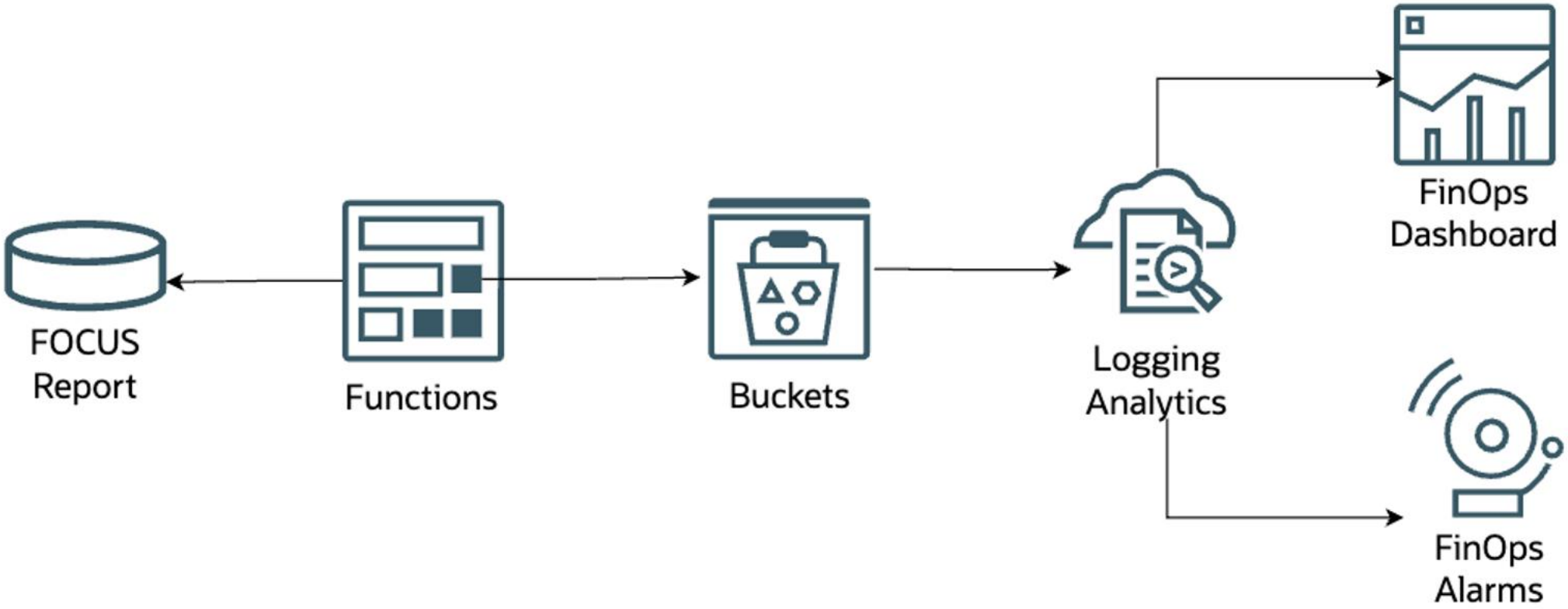
- Defines a common schema for cloud cost & usage data
- Enables easier analysis, comparison, and tooling interoperability
- Reduces complexity when working with multi-cloud and FinOps tools



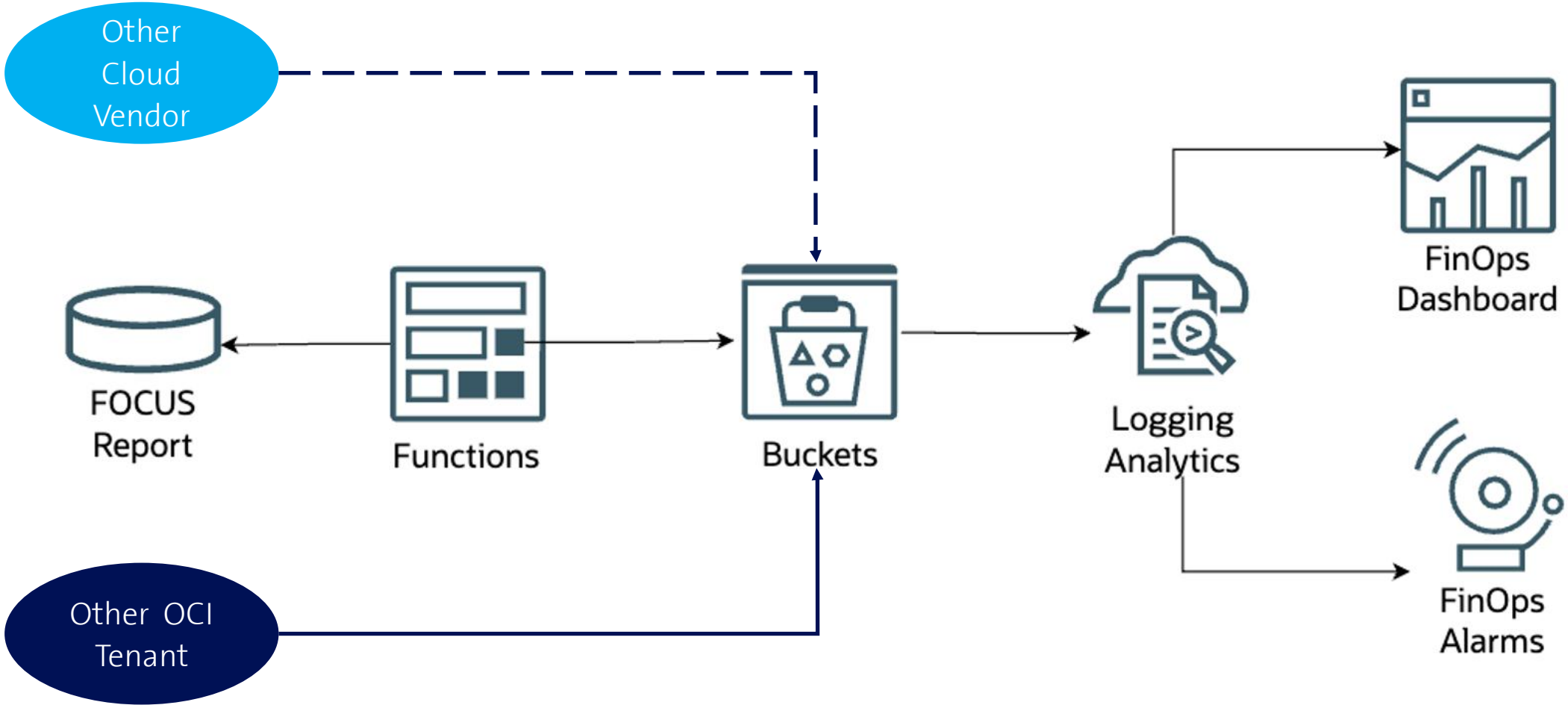


Solution

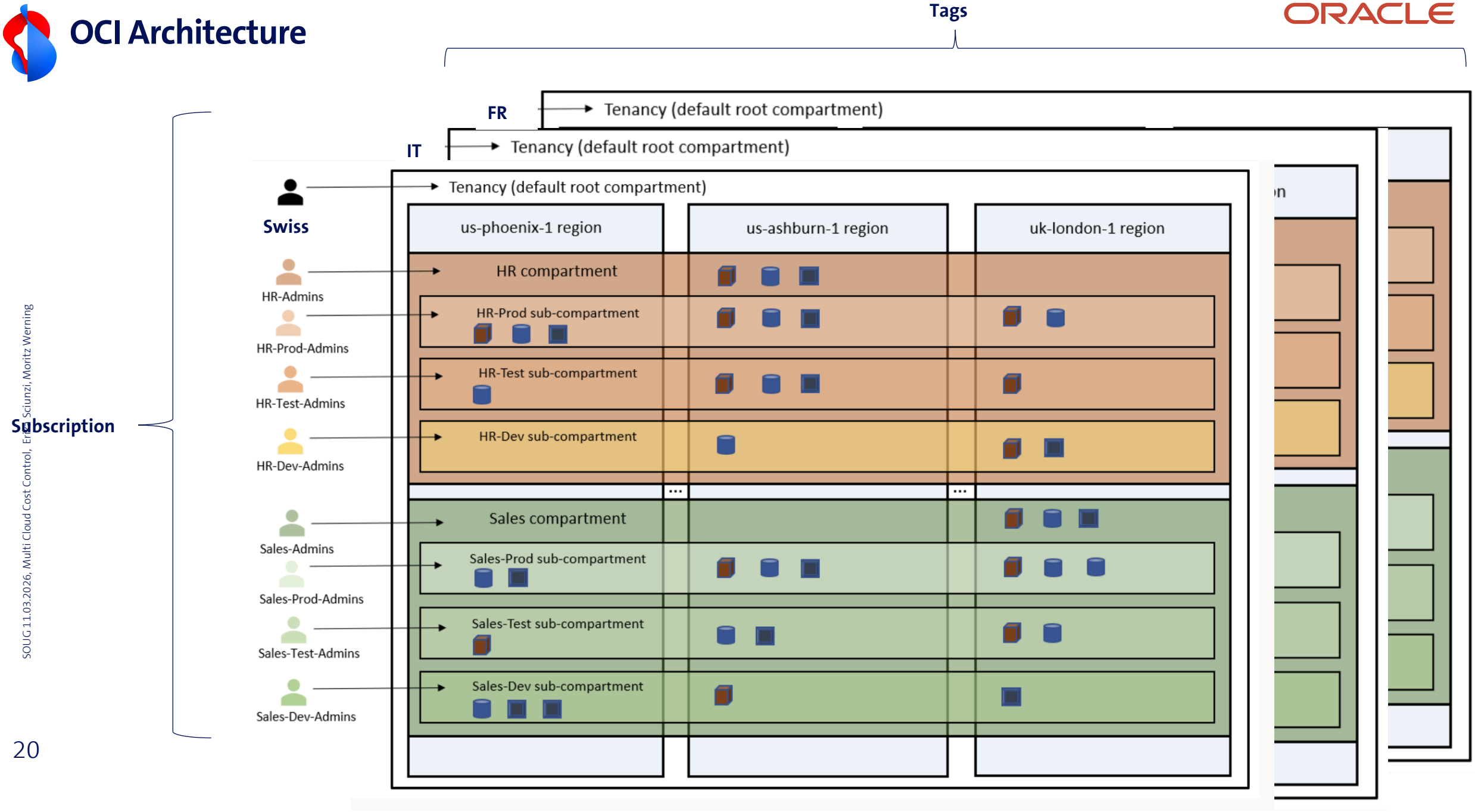
Cost Management with Log Analytics



MultiCloud Cost Management with Log Analytics



OCI Architecture



Demo

DEMO

Results & Conclusion

Outlook & Planed Improvements

Short term features

- Multicloud dashboard
- Subscription should not be hard-coded in the widget
- Correlate the cost with the real resource utilization

Feature under discussion with Product Manager

- Forecasting feature
- Out-of-the-box (OOTB) alerts and metrics
- Integrating the tool by default in the OCI Console for an OOTB adoption

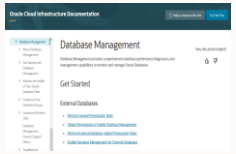
Do you want to know more?

Contact Paolo Kreth

paolo.kreth@oracle.com

Resources

Getting Started



Step by step guide

https://github.com/oracle-quickstart/oci-o11y-solutions/tree/main/knowledge-content/FinOps/files

FinOps Foundation

https://www.finops.org/

Log Analytics Guide

https://docs.oracle.com/en-us/iaas/log-analytics/home.htm

ORACLE MANAGEABILITY

https://www.oracle.com/manageability/


Thank you! Questions?