

# Fueling Zero Trust with FinOps

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# Agenda

- 01 Cloud Cost in 2024 vs 2025
- 02 FinOps Fueling Zero Trust
- 03 Proactive Approach

# DOGE Use Cases

## Workforce Optimization

- Labor Financial Management (LFM)
- Strategic Portfolio Management (SPM)

## Cost Efficiency

- System Modernization
- App TCO
- IT Transparency

## Operational Efficiency

- Contract/Grant Review
- Travel Reporting
- Real Property/Leases
- Credit Card Reporting

## Transparency

- CX Contract Reporting



PRESIDENTIAL ACTIONS

IMPLEMENTING THE  
PRESIDENT'S  
"DEPARTMENT OF  
GOVERNMENT  
EFFICIENCY"  
WORKFORCE  
OPTIMIZATION  
INITIATIVE

EXECUTIVE ORDER  
February 11, 2025



PRESIDENTIAL ACTIONS

IMPLEMENTING  
THE PRESIDENT'S  
"DEPARTMENT  
OF GOVERNMENT  
EFFICIENCY" COST  
EFFICIENCY INITIATIVE

EXECUTIVE ORDER  
February 26, 2025



PRESIDENTIAL ACTIONS

ESTABLISHING AND  
IMPLEMENTING  
THE PRESIDENT'S  
"DEPARTMENT OF  
GOVERNMENT  
EFFICIENCY"

EXECUTIVE ORDER  
January 20, 2025



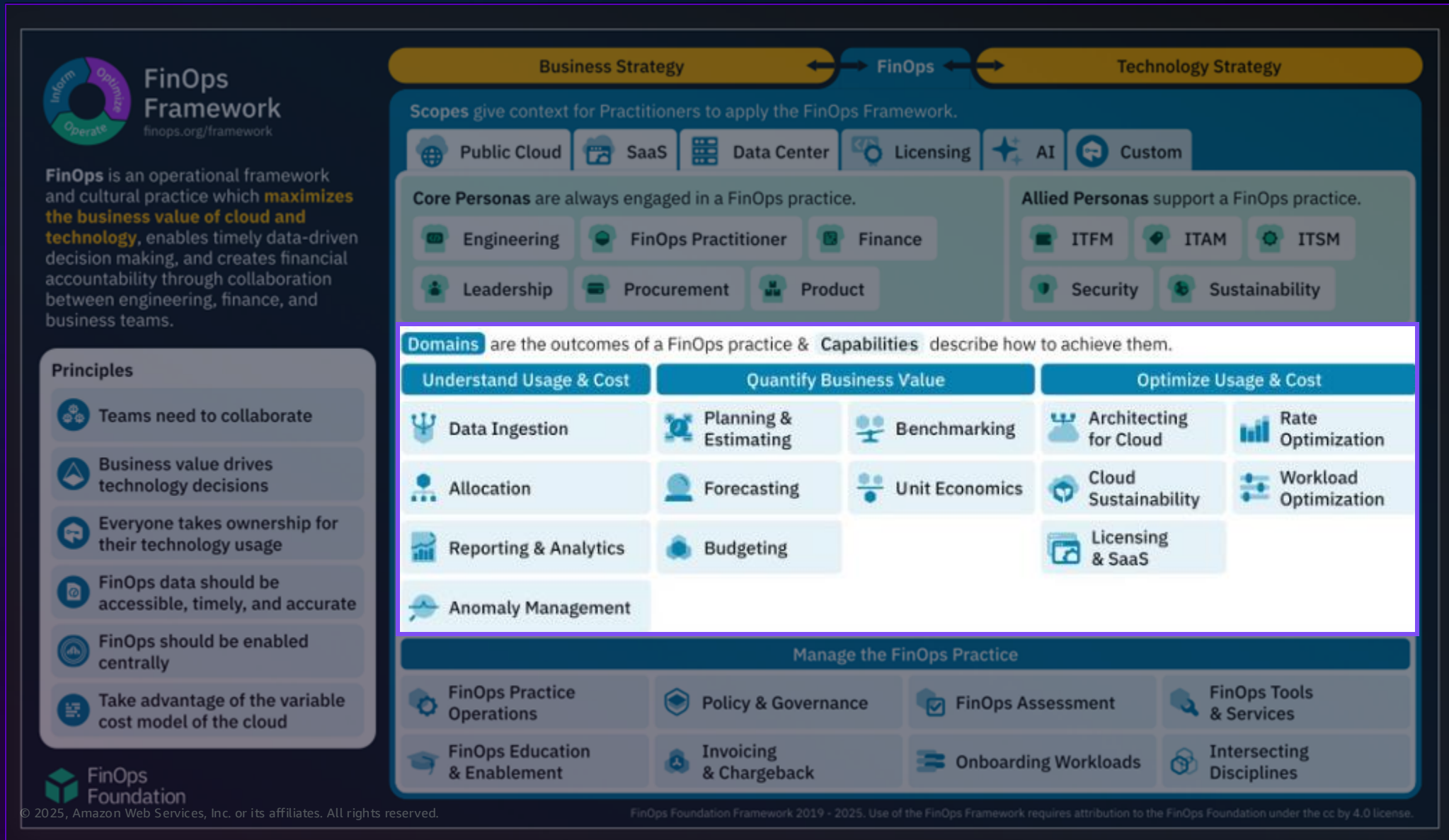
PRESIDENTIAL ACTIONS

RADICAL TRANSPARENCY  
ABOUT WASTEFUL  
SPENDING

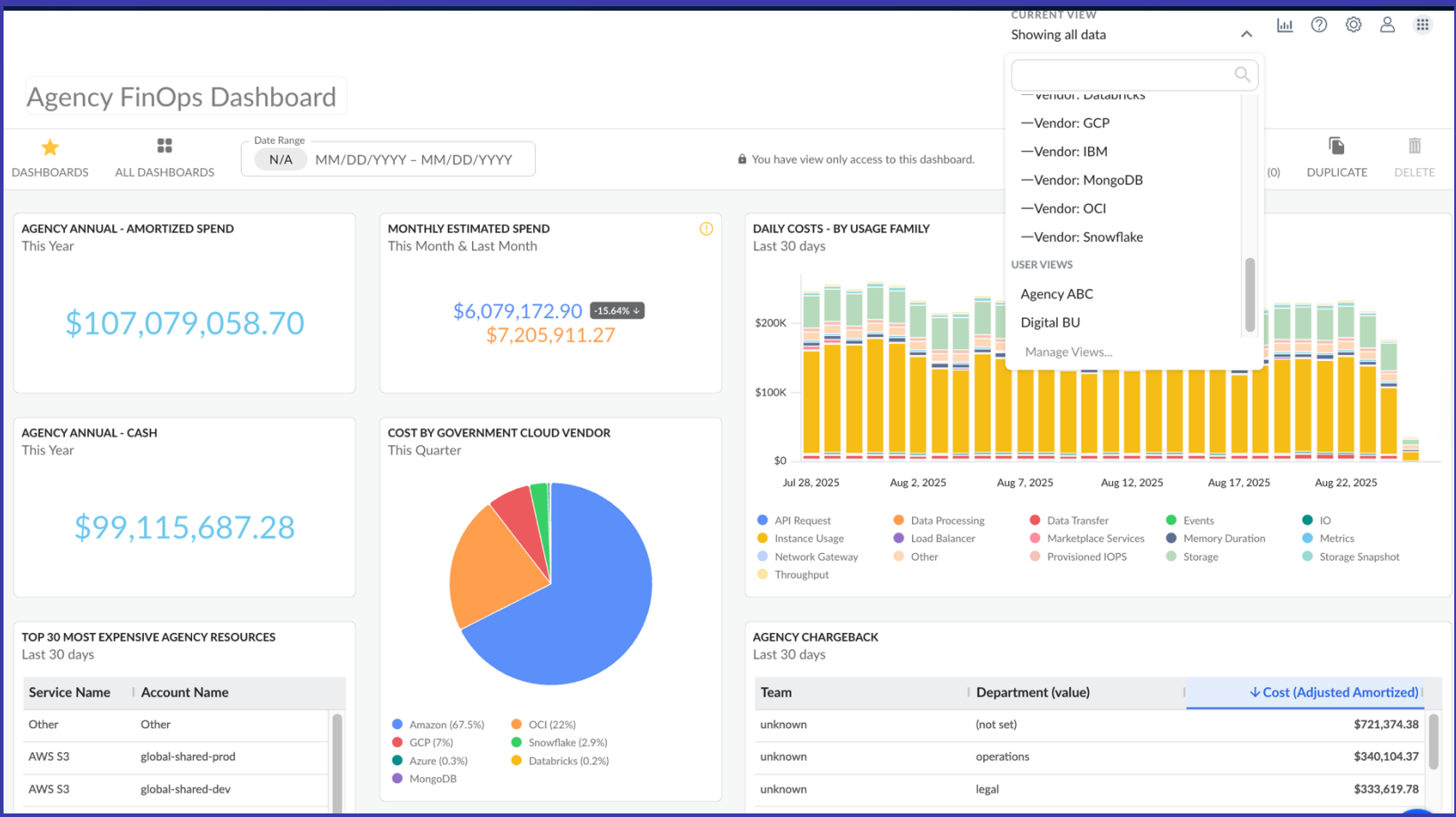
February 18, 2025

# FinOps framework

FinOps is an evolving **cloud financial management discipline** and **cultural practice** that enables organizations to get **maximum business value** by helping engineering, finance, and business teams to collaborate on data-driven spending decisions



# Data Accessibility



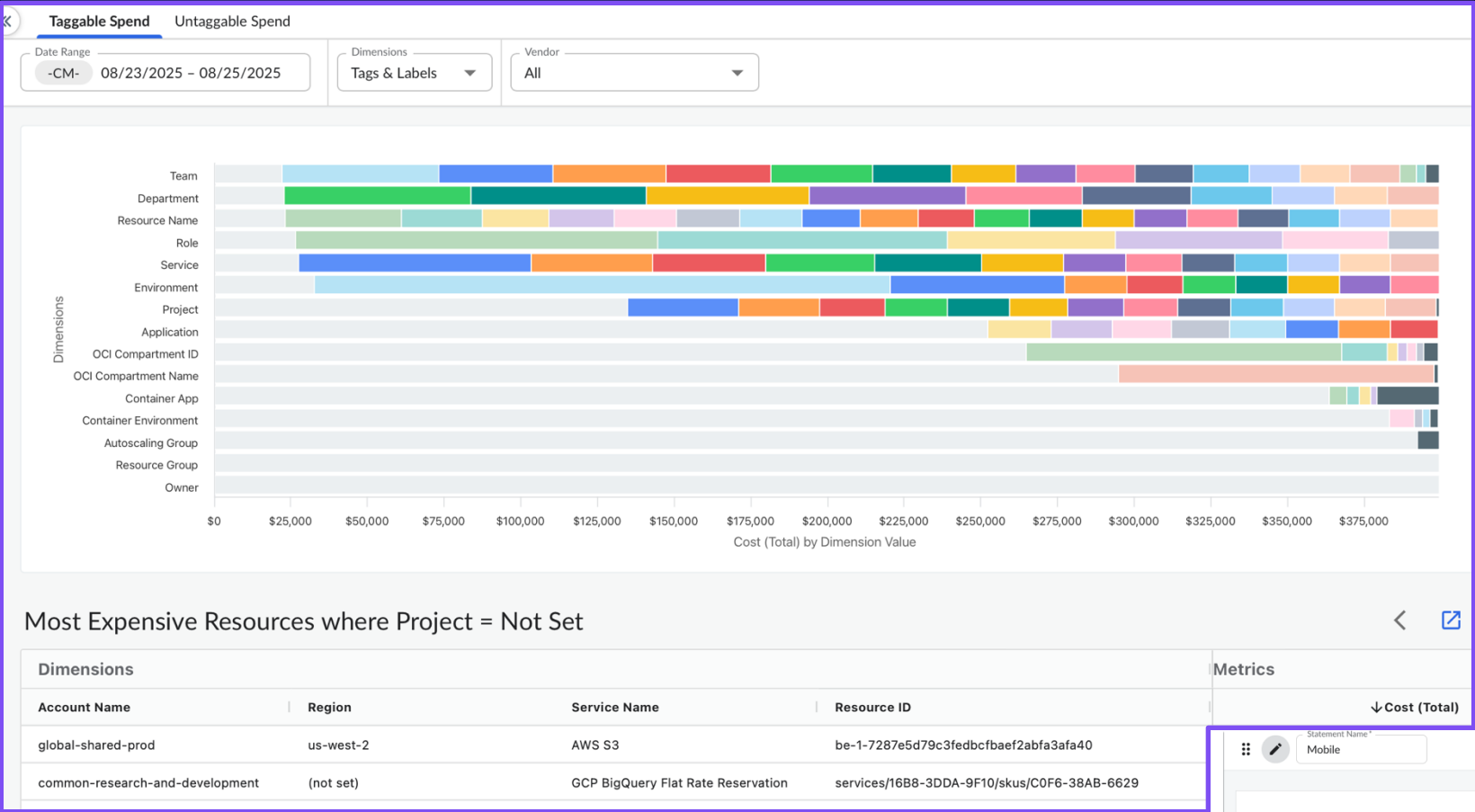
- Controlled role-based access
- Controlled permissions and roles
- Persona bases views, reports

Users & Groups

Users

User GroupsEntra ID Groups

# Asset Visibility



- Break down the resources running in the cloud.
- Track untagged resources and create an environment with complete visibility
- Identify the unidentified resources, fill the gaps in

Statement Name: Mobile

☐ Negate this group

Dimension \* Resource Group Operator starts with Value \* mob

Dimension \* Payer Account ID Operator equals Value \* aaa111bbb

Dimension \* Payer Account ID Operator equals Value \* dddd11111

Dimension \* Payer Account ID Operator equals Value \* f1f1f1f1-f1f1-f1f1-f1f1-f1f1...

OR

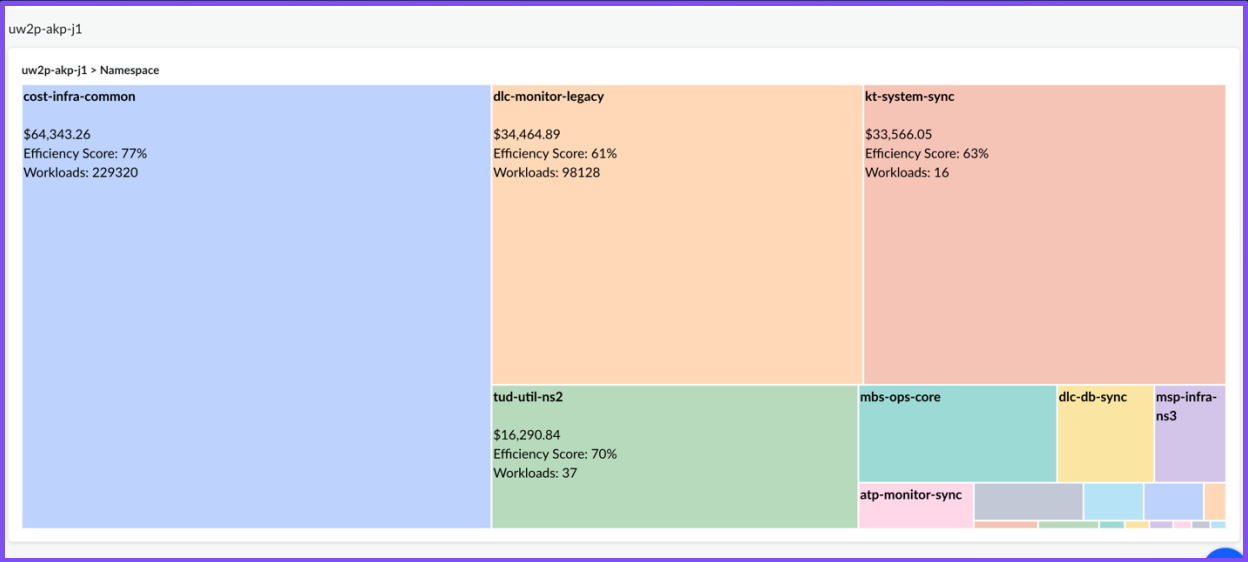
OR

OR

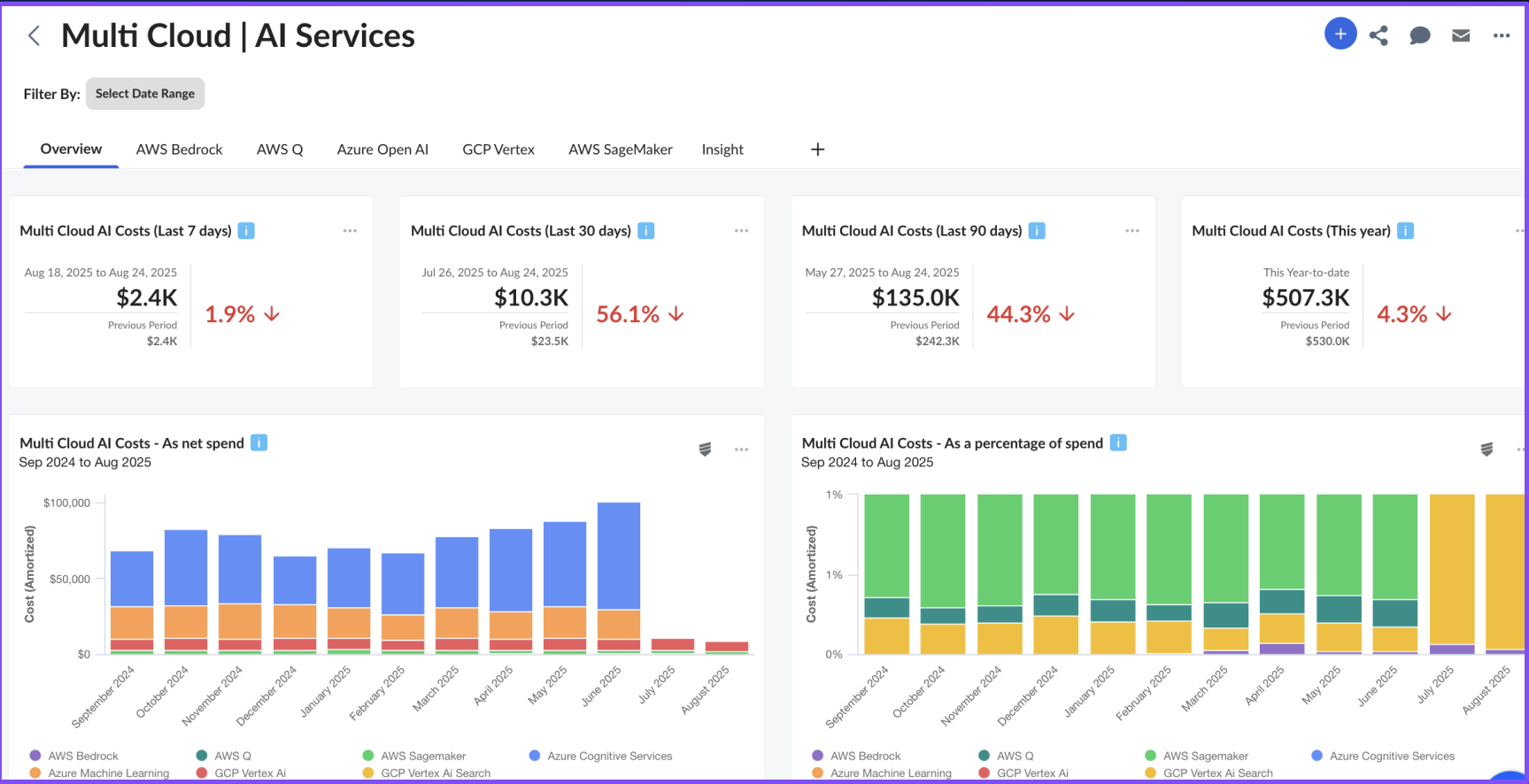
# Technology Moderation

| Namespace                          | Cost        |             |             |             | Usage           |                 |               |               |               |               |     |  |
|------------------------------------|-------------|-------------|-------------|-------------|-----------------|-----------------|---------------|---------------|---------------|---------------|-----|--|
|                                    | Total ↓     | Utilized    | Idle        | Shared      | Efficiency S... | Efficiency S... | CPU Alloca... | GPU Alloca... | Memory All... | Network TX... | Ne  |  |
| <a href="#">cost-infra-common</a>  | \$64,343.26 | \$49,650.92 | \$14,692.34 | \$64,343.26 | 77%             | 65%             | 2754.97       | 0.00          | 27.33TB       | 7.84GB        | 135 |  |
| <a href="#">dlc-monitor-legacy</a> | \$34,464.89 | \$21,175.01 | \$13,289.88 | \$34,464.89 | 61%             | 21%             | 1402.98       | 0.00          | 3.63TB        | 159.00GB      | 197 |  |
| <a href="#">kt-system-sync</a>     | \$33,566.05 | \$21,247.04 | \$12,319.01 | \$33,566.05 | 63%             | 25%             | 710.58        | 0.00          | 7.34TB        | 54.85GB       | 1.6 |  |
| <a href="#">tud-util-ns2</a>       | \$16,290.84 | \$11,552.54 | \$4,738.30  | \$16,290.84 | 70%             | 49%             | 513.67        | 0.00          | 2.72TB        | 294.55GB      | 566 |  |
| <a href="#">mbs-ops-core</a>       | \$5,967.94  | \$1,335.64  | \$4,632.30  | \$5,967.94  | 22%             | 65%             | 64.30         | 0.00          | 129.94GB      | 4.40TB        | 20. |  |
| <a href="#">dlc-db-sync</a>        | \$2,924.98  | \$965.08    | \$1,959.90  | \$2,924.98  | 32%             | 44%             | 37.51         | 0.00          | 283.29GB      | 1.51TB        | 6.9 |  |
| <a href="#">msp-infra-ns3</a>      | \$2,157.67  | \$387.23    | \$1,770.44  | \$2,157.67  | 17%             | 100%            | 17.96         | 0.00          | 90.56GB       | 1.40TB        | 6.8 |  |
| <a href="#">atp-monitor-sync</a>   | \$1,650.48  | \$914.70    | \$735.77    | \$1,650.48  | 55%             | 96%             | 11.60         | 0.00          | 40.19GB       | 1.50TB        | 7.1 |  |
| <a href="#">dl-app-legacy</a>      | \$1,300.48  | \$356.18    | \$944.30    | \$1,300.48  | 27%             | 99%             | 10.94         | 0.00          | 109.49GB      | 1.48TB        | 7.0 |  |
| <a href="#">dlc-system-sync</a>    | \$712.82    | \$308.44    | \$404.38    | \$712.82    | 43%             | 63%             | 10.51         | 0.00          | 34.29GB       | 3.85GB        | 4.7 |  |

- Gain insights into Container cost.
- Break down spend at cluster, namespace, pod, and container levels



# AI Tracking



- Complete visibility into what missions, squads and units are leveraging AI

# Cost Optimization

## Rightsizing

Recommendations for rightsizing your public cloud resources to achieve significant cost savings while managing potential risk. Learn more about rightsizing and the significance of selecting an appropriate timeline and cost basis for your organization in our [Help Center](#).

Explorer AWS Azure GCP OCI Containers

Timeline

☐ 10 Day ☒ 30 Day

+ Add Filter

CUSTOM CHART FILTERS

No Filter Currently Set

Options

☐ Snooze Mode

+ Edit Dimensions

Vendor X

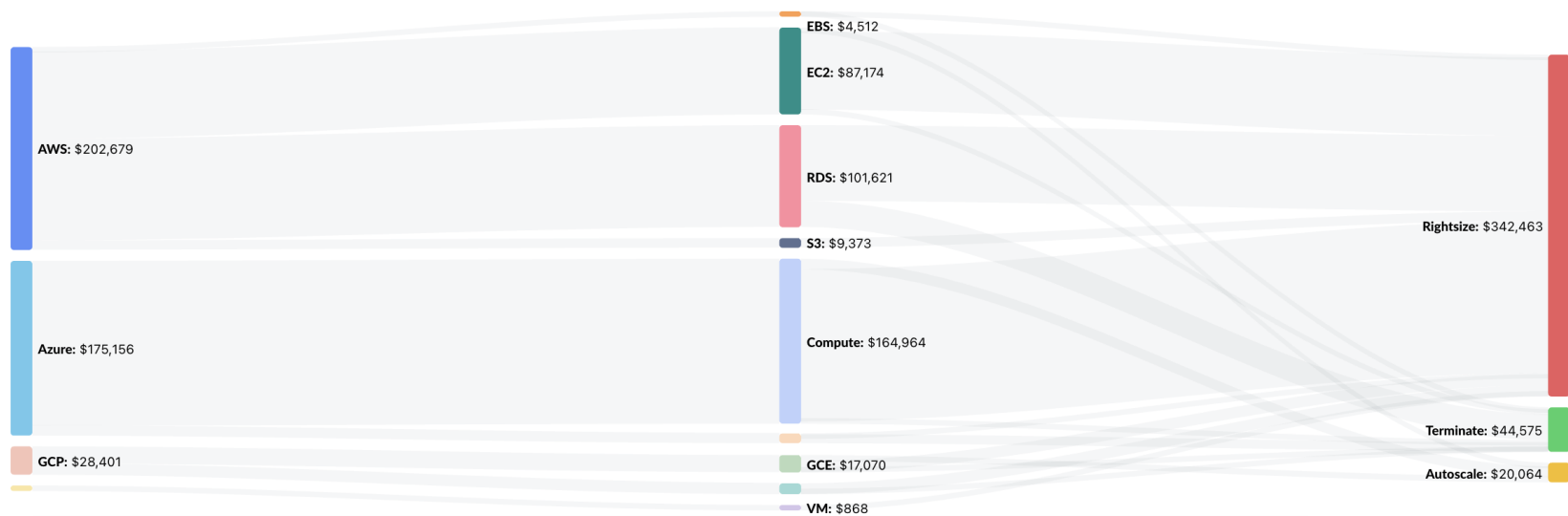
Service X

Action X

Total Possible Savings across all Cloud Usage: \$407,104.00

SHOW SAVINGS GREATER THAN

\$ 0



- Performance assure recommendations only actionable by engineers who own the workload

# IBM Cloudability for US Federal's unique strengths

## **FedRAMP Authorization**

First major FinOps tooling provider authorized to operate at FedRAMP moderate level

## **Market-leading FinOps Capabilities**

Cloudability has been recognized as a leading FinOps solution.

## **FinOps and TBM are better together**

TBM was codified by OMB in 2019 and has been widely adopted by agencies. FinOps was adopted by OPM in 2022.

# Mission-driven work matters

100%

IT budget allocation  
with significant  
reduction in variance

96%

reduction in planning  
time – from days  
to hours

20%

reduction in cloud  
spend and attainment  
of 90% tagging  
compliance

# Apptio Federal Customers



# Mission-driven work matters

## IBM FinOps Deployment Models



- SaaS

- URL prefix for the client
- `https://{client}.turbonomic.io`



- Kubernetes
- Multi-node

- Red Hat OpenShift(officially supported)
- Azure AKS
- Amazon AKS
- Google GKE
- Can be air gapped



- CentOS  
based OVA

- VMware-OVA
- Hyper-V-VHD
- Can be air gapped

# Thank you!

**Gabrielle Scalf**

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Please complete the session  
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