
AWS
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How to optimize cost in your multi-tenant architecture

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Agenda

Intros

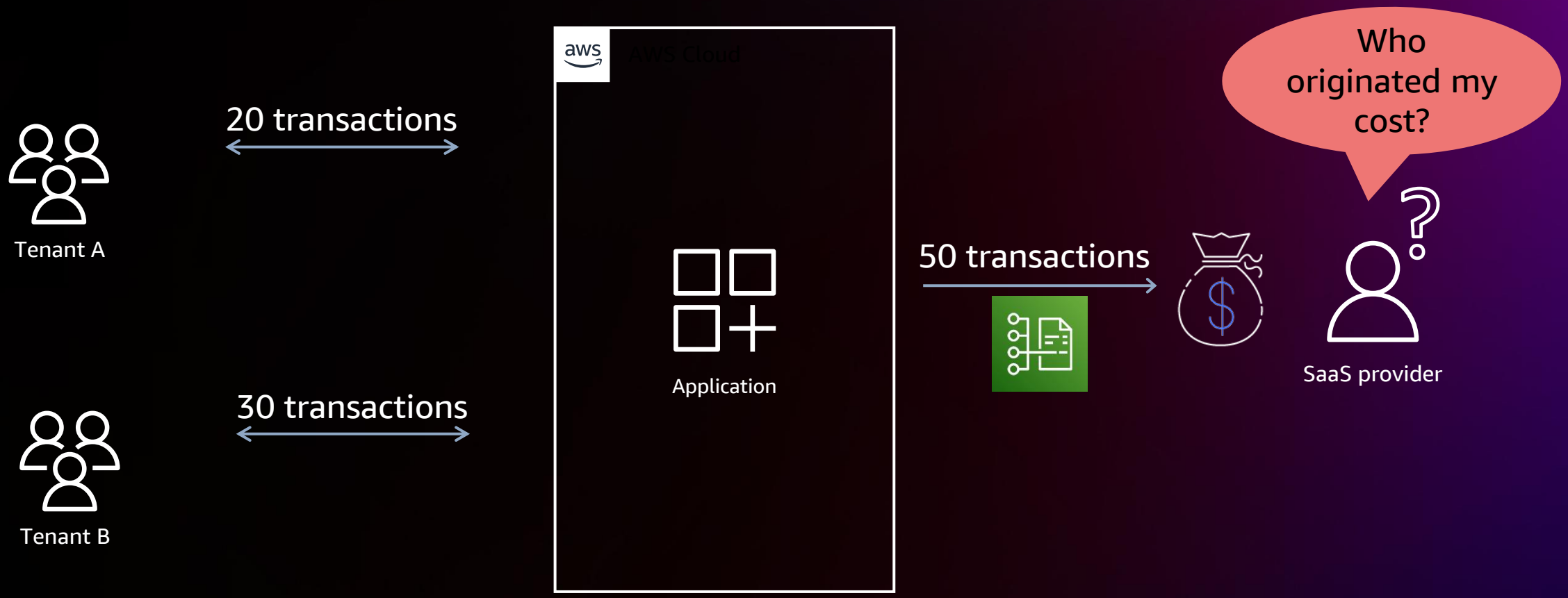
Topic overview

Demo the lab

Build it

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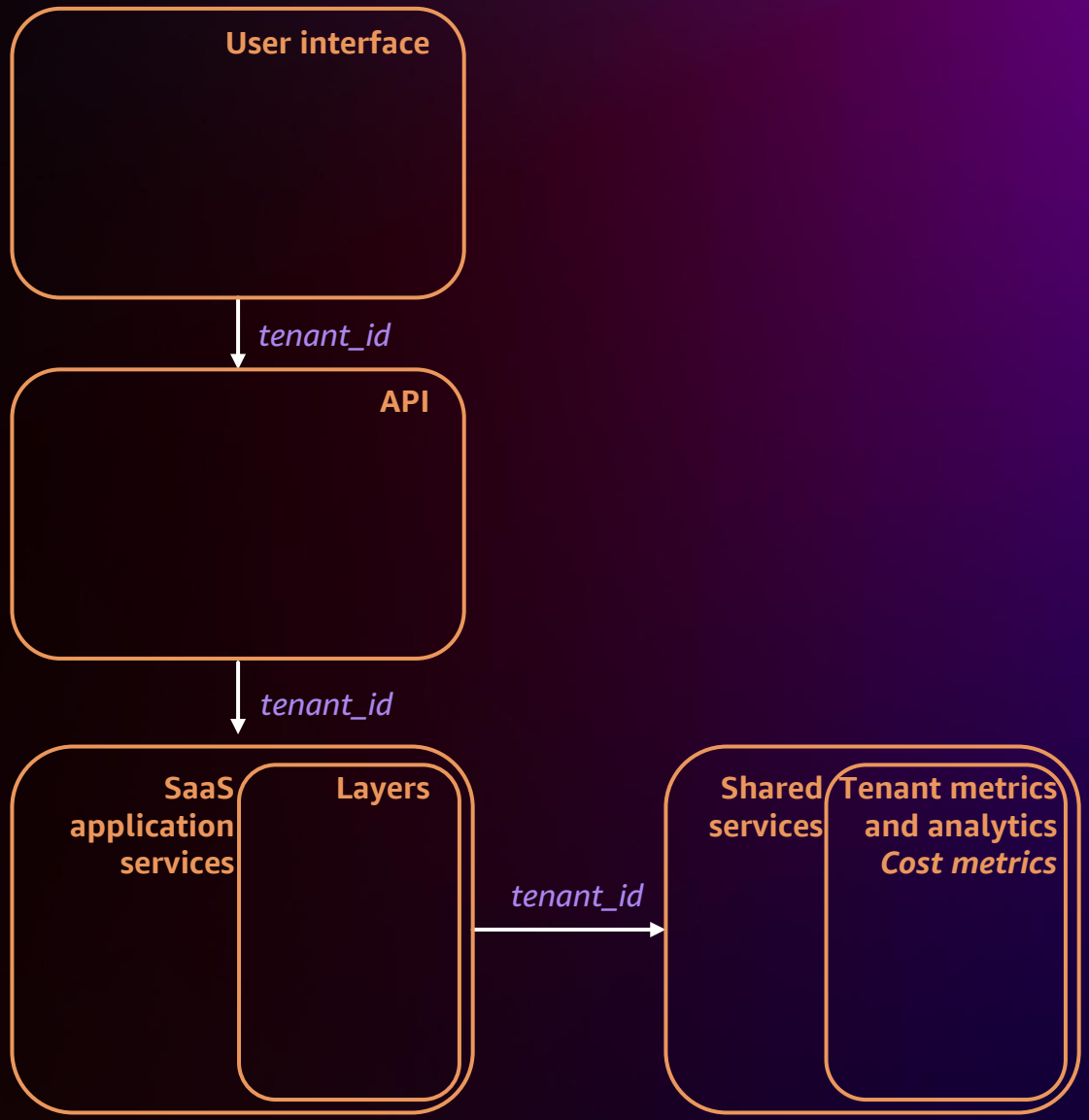
Multi-tenant cost attribution problem



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Takeaways from this session

- SaaS identity for cost metrics
- How to capture per-tenant usage
- How to break out cost incurred by each tenant



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Unicorn clinic demo

1. Create a tenant for the unicorn clinic using SaaS identity
2. Capture metrics for services used during OCR of patient records
3. Report on the cost incurred to the SaaS provider by tenant ID



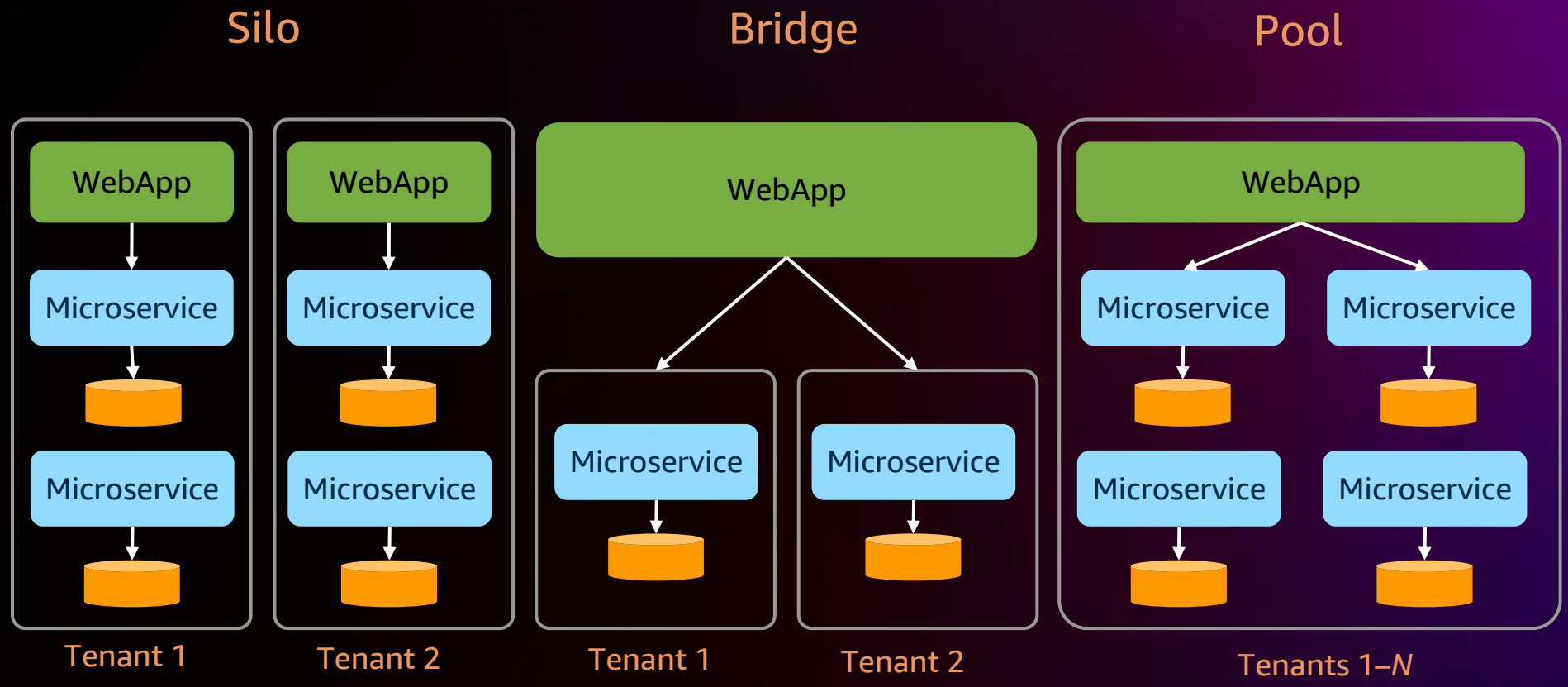
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SaaS models

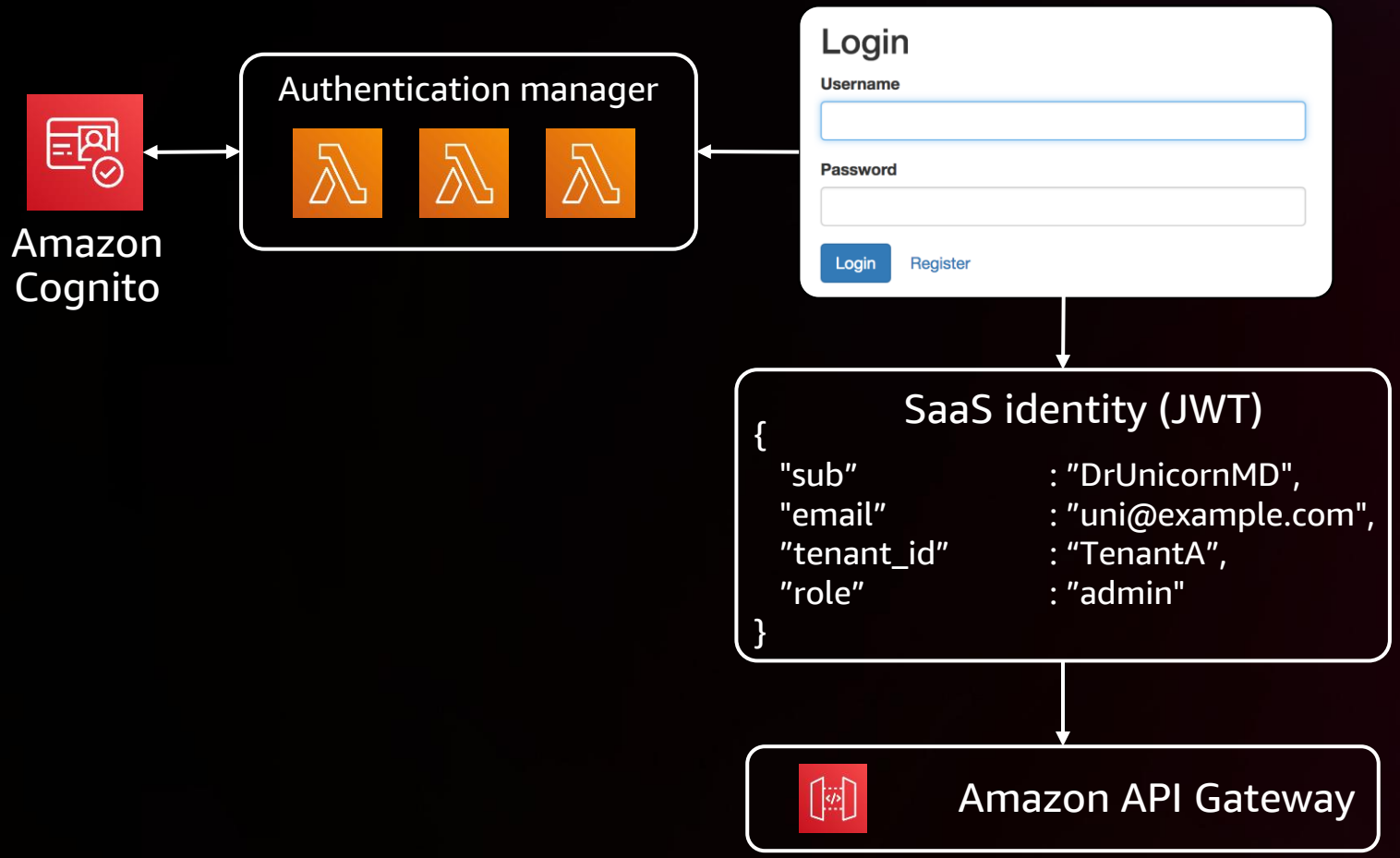
Cost attribution options

- Cost allocation tags
- Instrument metrics
- AWS Partner network solutions



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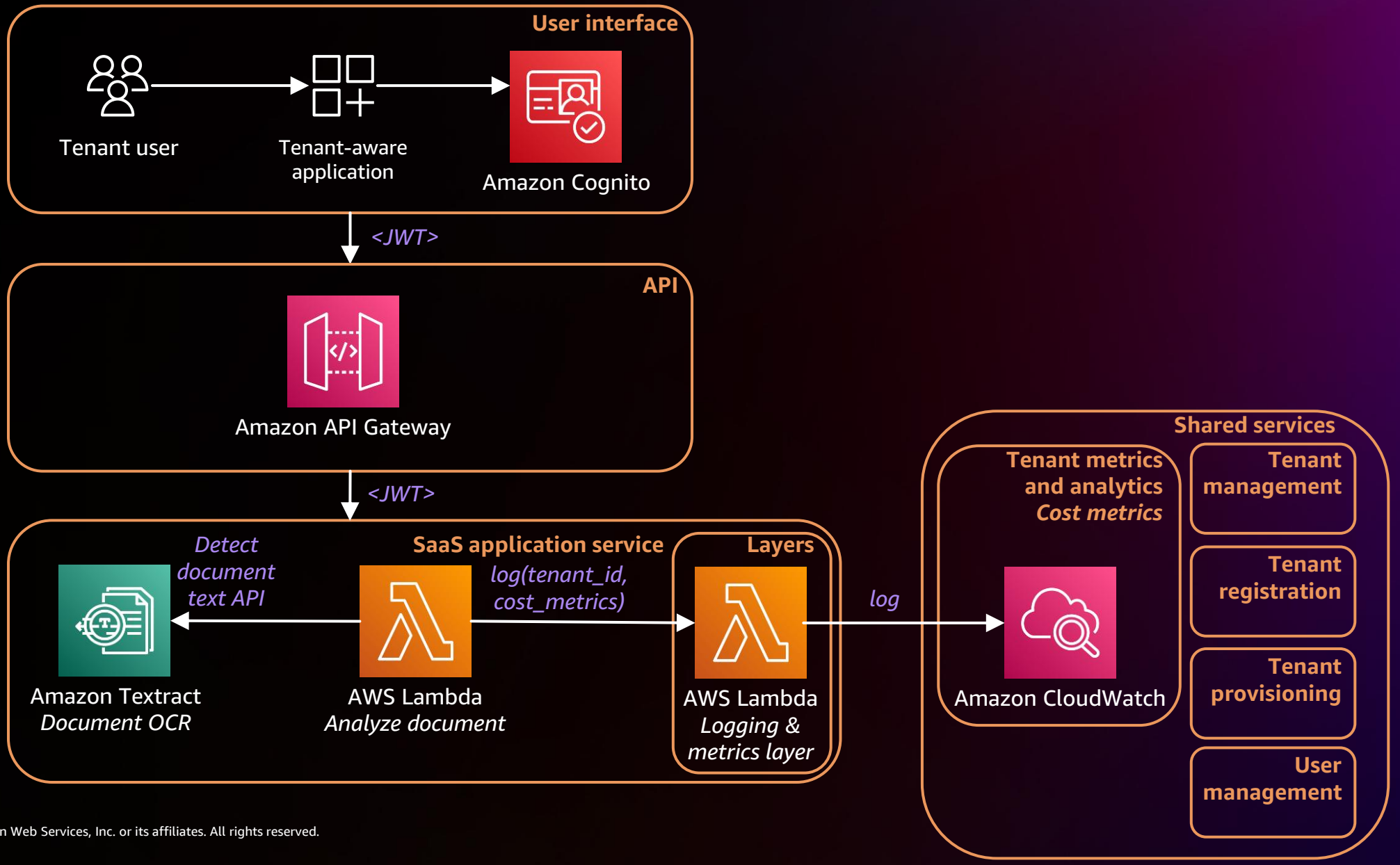
SaaS identity – tenant_id in auth claims



Tenant context flowed into all downstream services

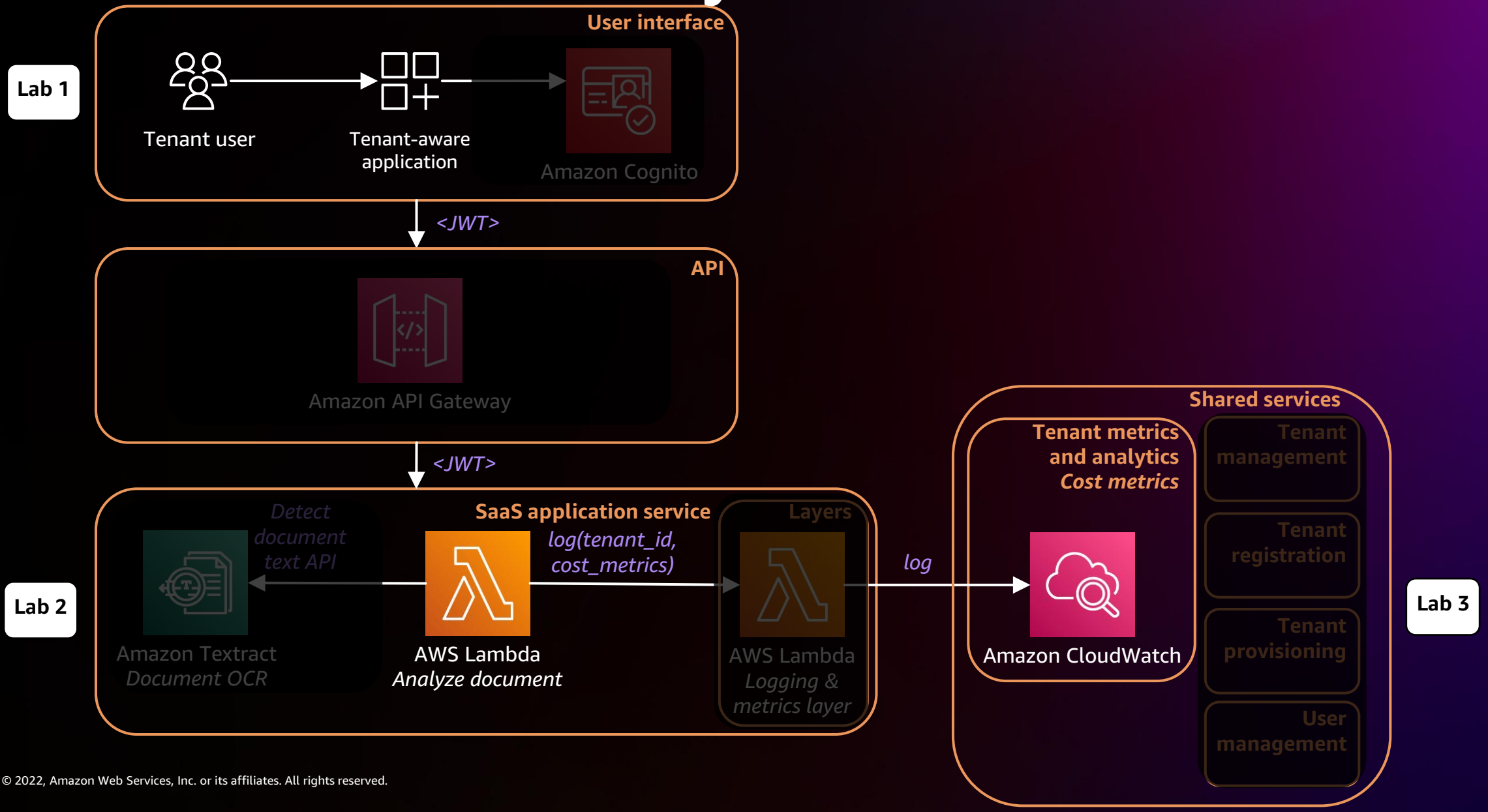
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SaaS architecture



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SaaS architecture: What you will build



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Lab demo: What to expect

- Lab 1 – Add SaaS identity
- Lab 2 – Capture cost metrics with tenant_id
- Lab 3 – Query and report cost attribution by tenant

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Lab build: How to access

- Access for 24 hours
- Ask your questions
- Lab 1 – Add SaaS identity
- Lab 2 – Capture cost metrics with tenant_id
- Lab 3 – Query and report cost attribution by tenant

Have **fun** with your build!

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Thank you!



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