

Keynote: Cell Based Architecture - 1

Session Attended:

SAS315 | SaaS meets cell-based architecture: A natural multi-tenant fit

Synopsis:

Building a multi-tenant SaaS architecture is a balancing act. Finding the right blend of cost efficiency, scale, resilience, and operational agility can be challenging. It's here that a cell-based architecture can often be a natural fit. The cell-based model gives you new ways to approach tenant isolation, deployment, scaling, regional distribution, and tiering, bringing a range of new possibilities to your SaaS architecture and operational footprint. In this session, dive deep on cell-based multi-tenant architecture and discover the strategies, patterns, and considerations that come with employing this model.

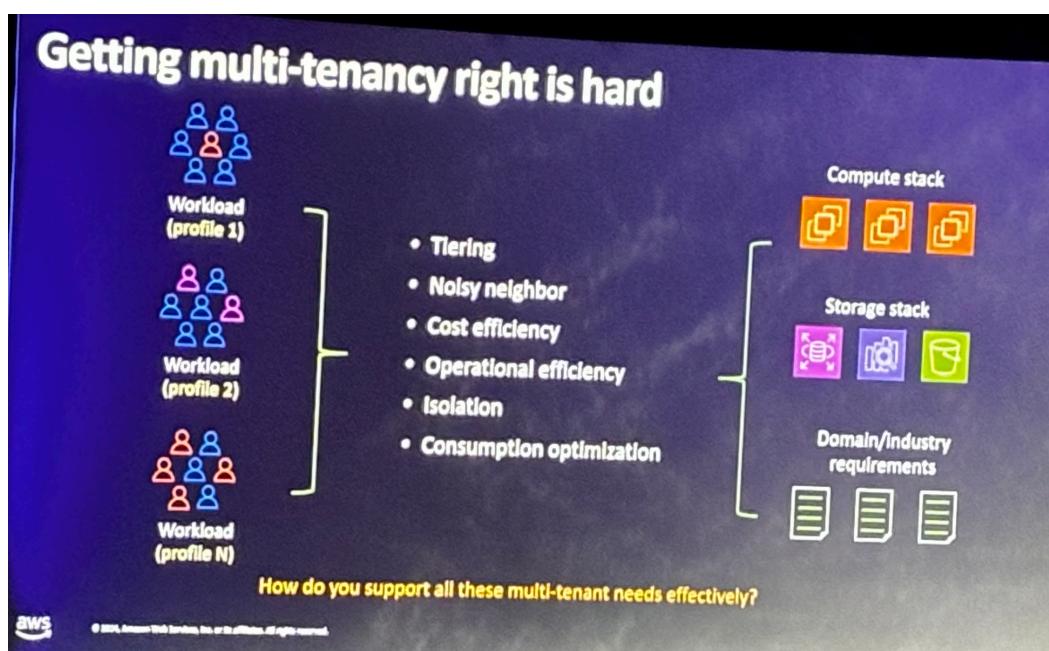
Tod Golding

, Senior Principal SA, AWS

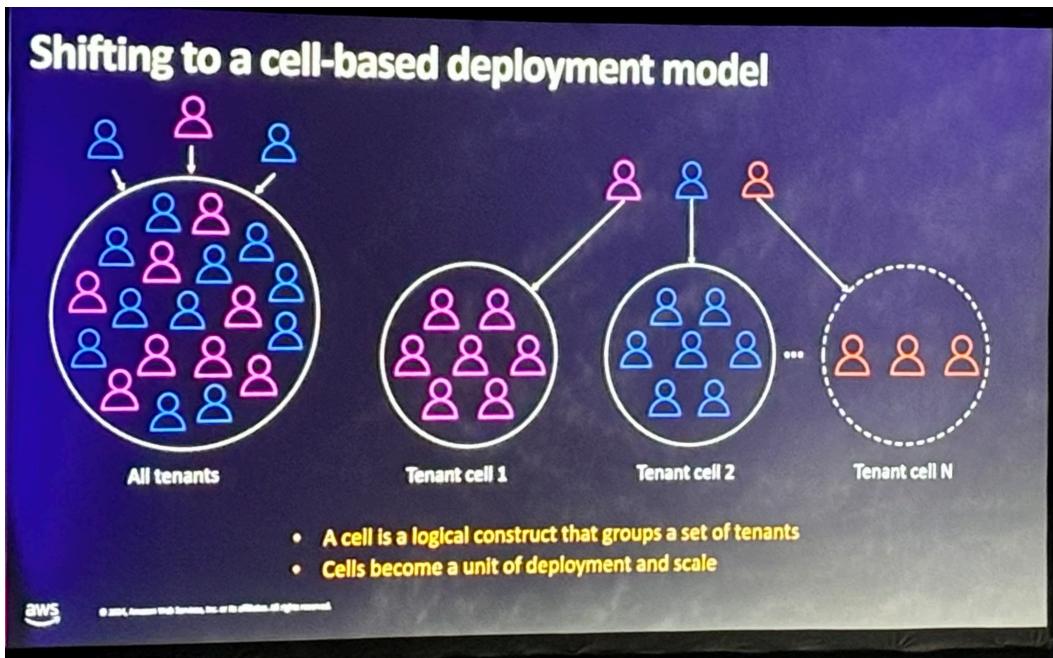
Youtube Link: https://www.youtube.com/watch?v=wYm_PJc2U8c

Architecture Diagram/ Presentation:

Issue with Multi-Tenancy



Cell based deployment model



Picking a Cell Deployment Strategy



Placing Multiple Siloed tenants in one cell

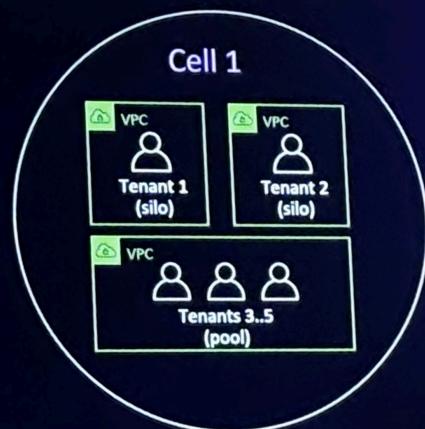
Placing multiple siloed tenants in one cell



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Placing Siloed and pooled tenants into same cell

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