
AWS
re:Invent
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BSI302

Deploy your BI assets at scale to thousands of users with Amazon QuickSight

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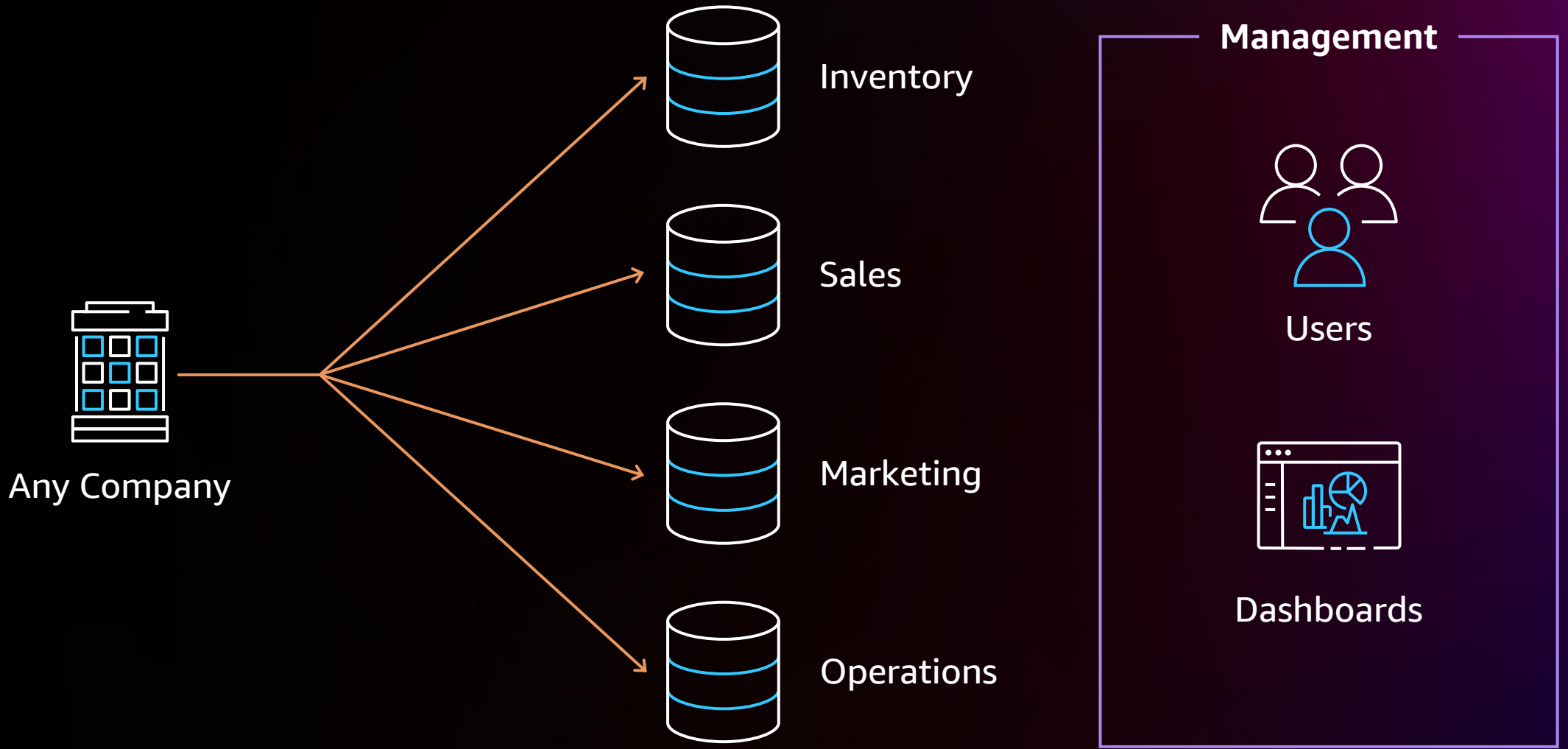
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Amazon Web Services Inc.

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Context



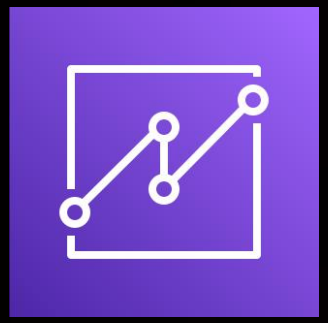
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Agenda

- Introduction to QuickSight
- User management
- Asset management
- Deployment
- Demo

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Ask questions along the way



Amazon QuickSight

UNIFIED BI SERVICE AT HYPERSCALE

Unified BI for all your analytics needs

Build data-rich experiences fast

Consistent high performance with auto scale

Lower costs with consumption-based pricing

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Amazon QuickSight benefits



Unified BI for all needs

Interactive dashboards, Q, embedded analytics, and paginated reports from the same source of truth



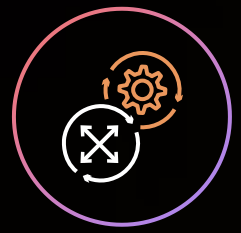
Insights anywhere

Embed easily with extensive APIs, look-n-feel customizations for seamless data experiences in any app or portal



Augmented analytics

Ask questions in natural language with Q—explore forecasts, anomalies, narratives with built-in ML



Auto-scaling

Scale effortlessly to hundreds of thousands of users with no servers to manage; scale to 1B+ row datasets with SPICE in-memory data engine



Policy based governance, security

Share securely with row & column-level security, role-based access control, with automated user provisioning



Get more with less

Reduce costs with pay-per-use pricing—no long-term contracts or hidden costs for scaling

Over 100,000 customers use QuickSight

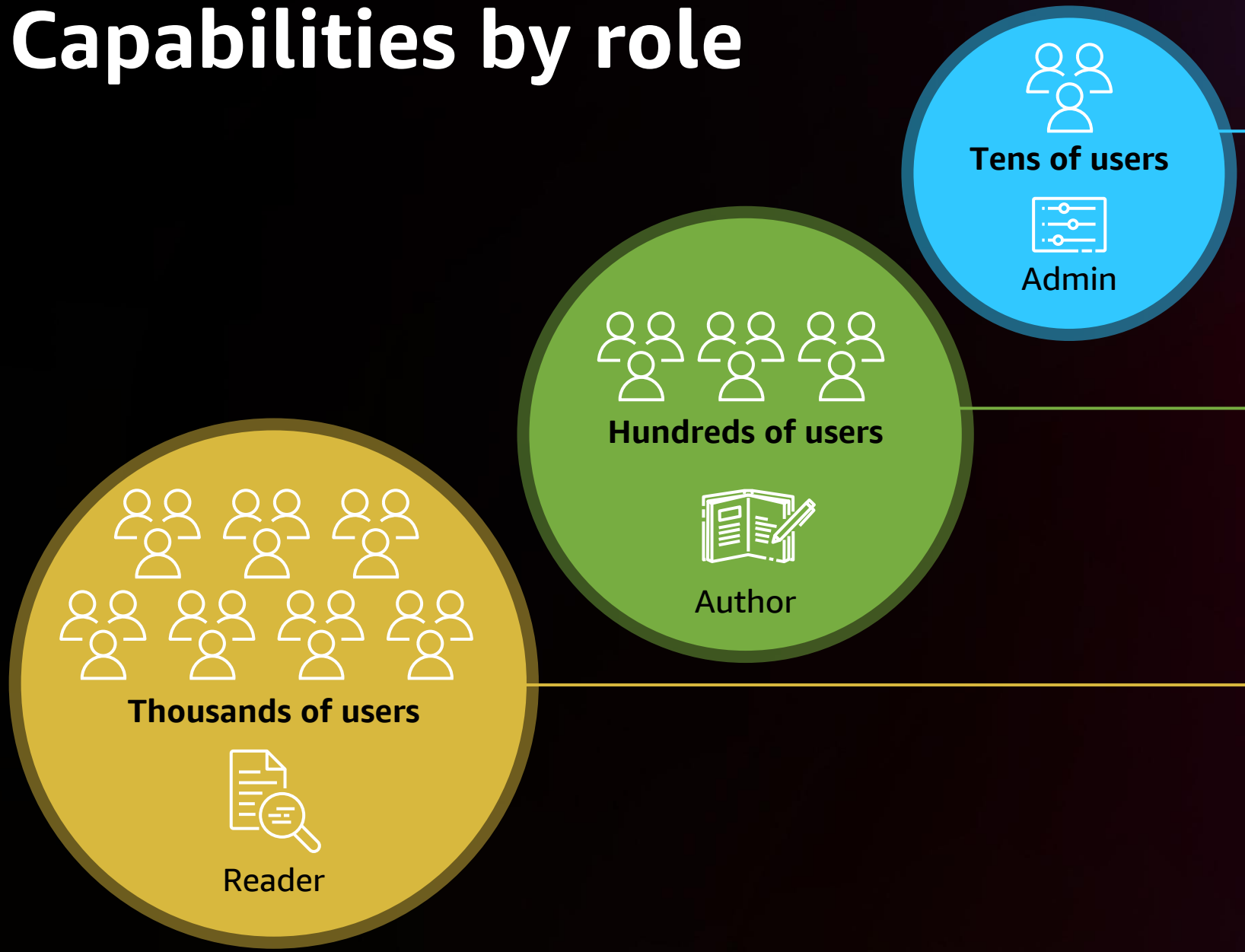
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User management

- Provisioned users
  - QuickSight identity store
  - AWS Identity and Access Management (IAM) federation
  - Federation from existing third-party identity providers
  - Microsoft Active Directory integration
- Un-provisioned users
  - Embedding only

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Capabilities by role



Admin Permissions

- Manage QuickSight
- Manage storage
- Manage users
- Manage AWS resource access *
- Configure single sign-on

Author Permissions

- Create datasets
- Create analysis
- Publish dashboards
- Share analysis
- Share dashboards

Reader Permissions

- Interact with dashboards
- Ask questions
- Save bookmarks
- Configure alerts
- Receive emails

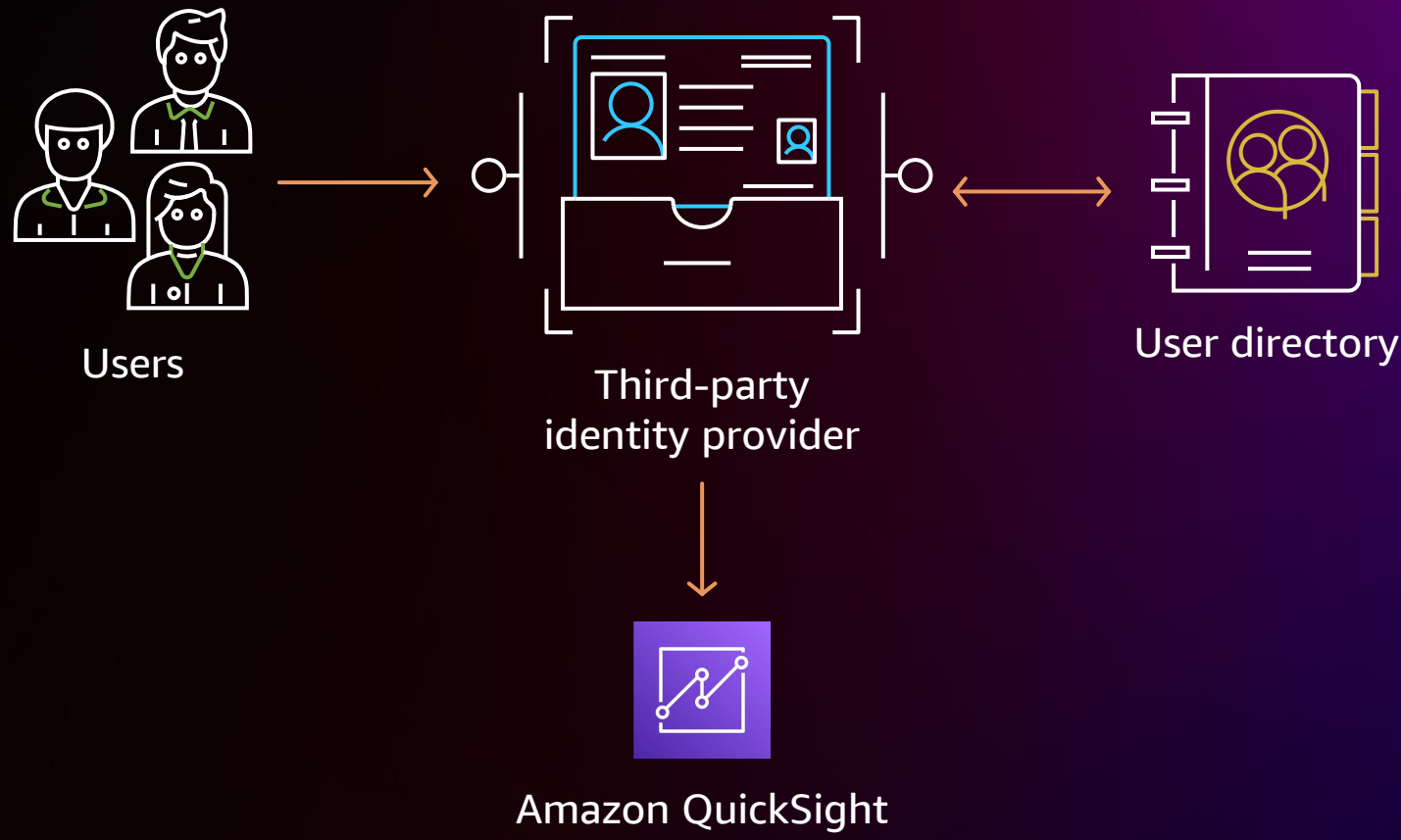
* - AWS data and services accessible from QuickSight

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Federated single sign-on (SSO)

Allows users to sign into their identity provider portals with existing credentials and then access QuickSight using SAML 2.0

Federated access with SAML 2.0



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User management and Active Directory integration

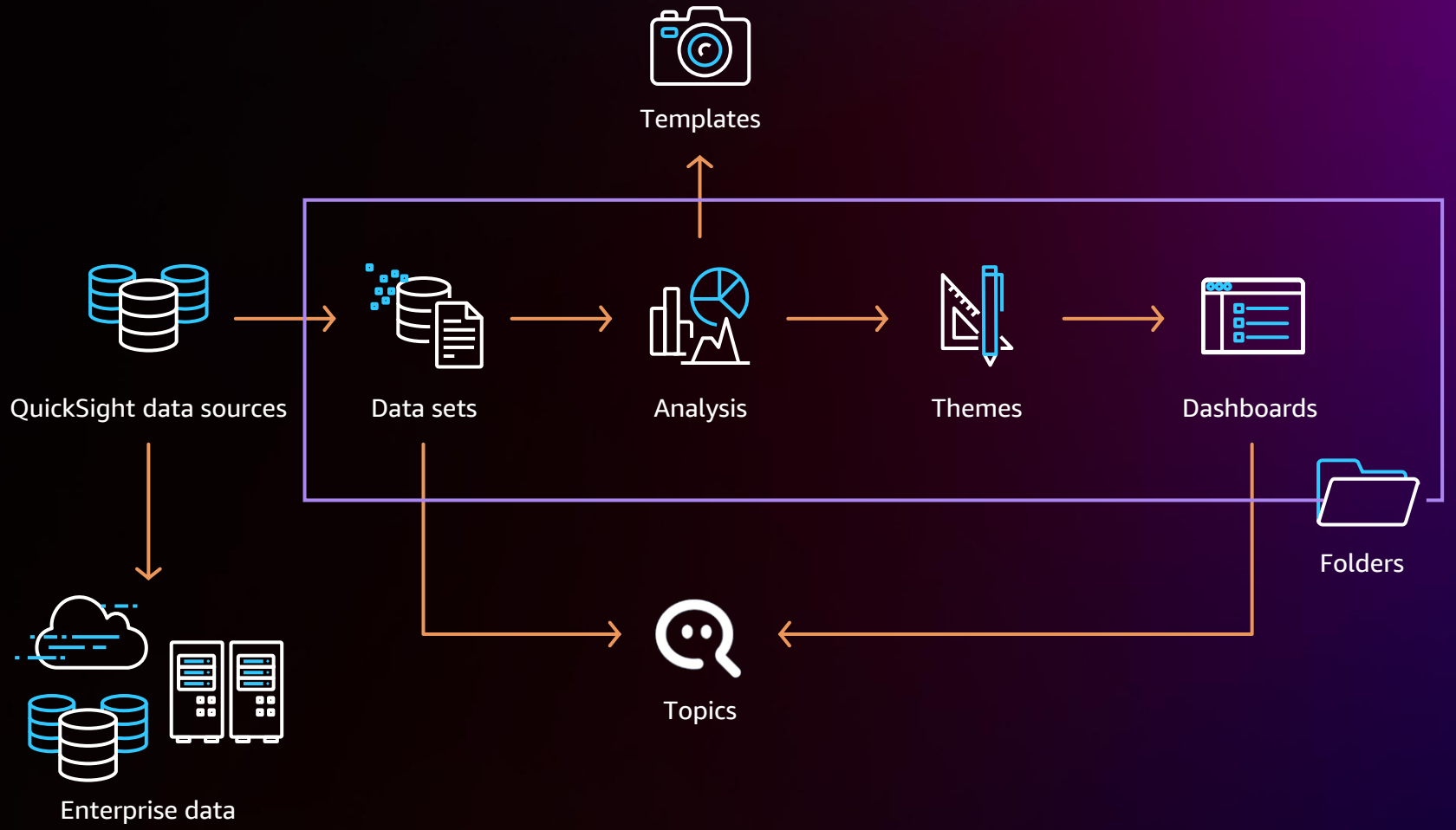
QuickSight Enterprise Edition can integrate with your AD to dynamically manage users and groups



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QuickSight assets

- Data source
- Data set
- Analysis
- Themes
- Dashboard
- Templates
- Topics
- Folders
- Paginated reports



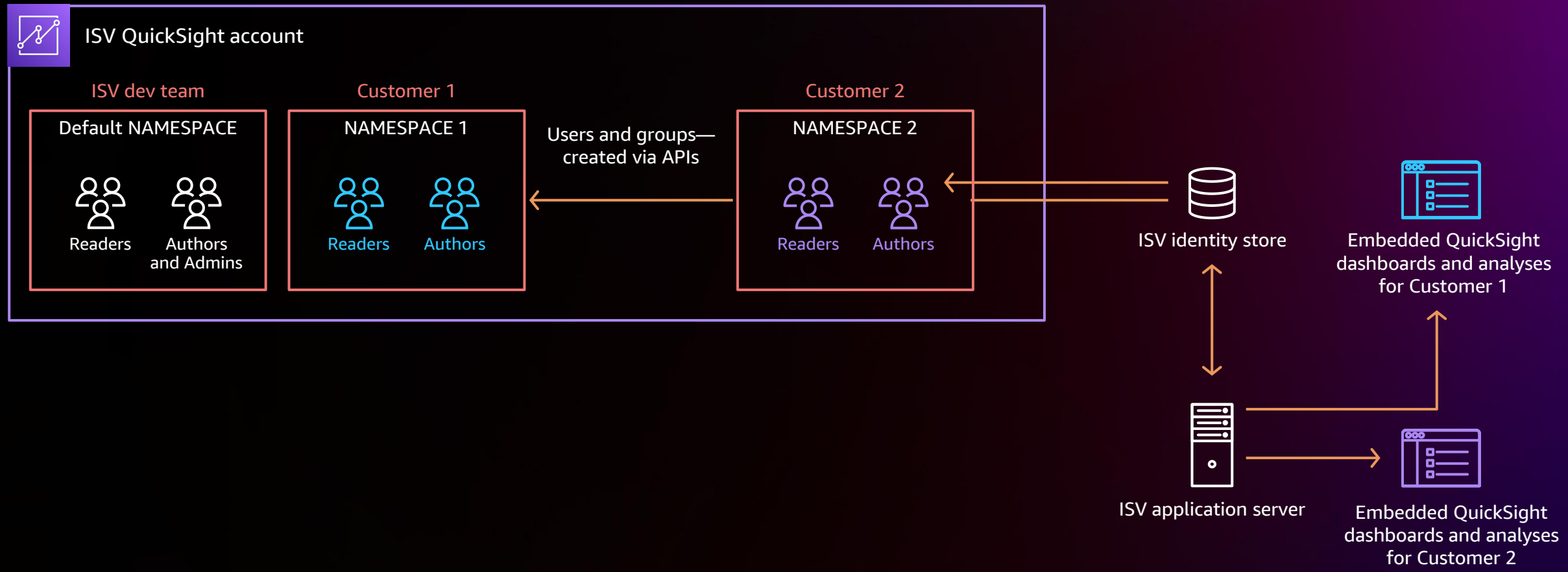
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User and asset management at scale

- QuickSight Groups
- Shared folders
- Multi-tenancy using namespaces

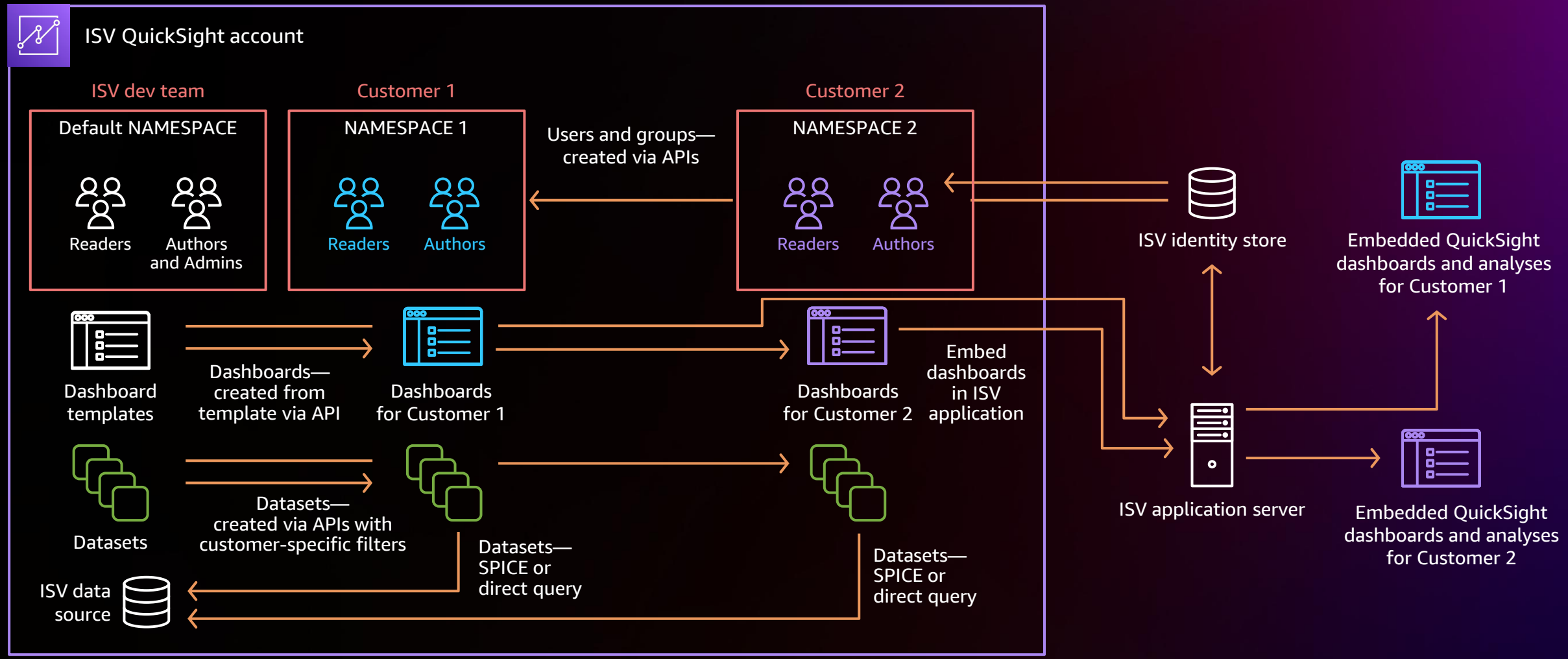
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User management in multi-tenancy



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Asset management in multi-tenancy



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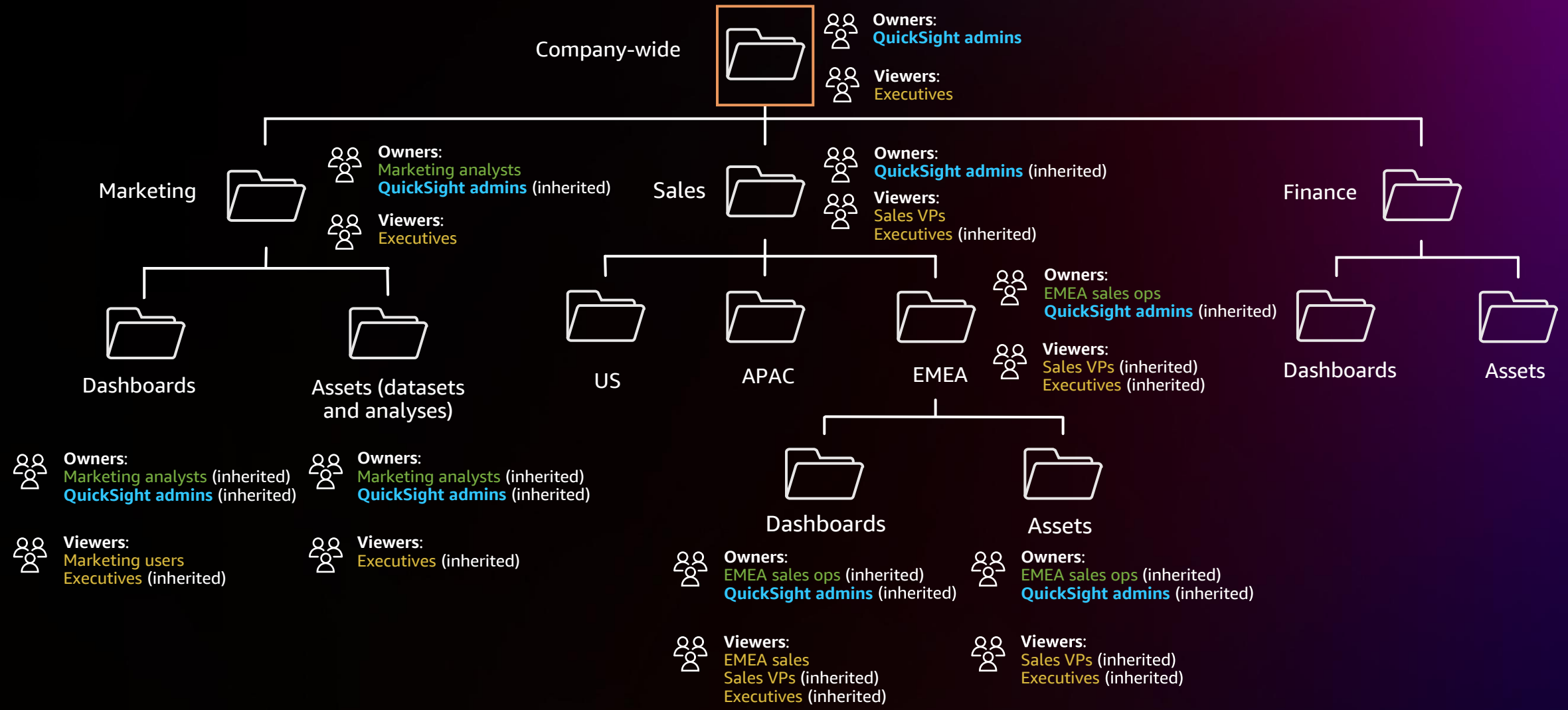
Asset management using folders

= Group

Admin users

Author users

Reader users



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Deployment

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Deployment and asset porting

- AWS Command Line Interface
- Automation
- AWS CloudFormation
- Amazon SageMaker Notebook Instances

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Demo

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Resources



Product page



Demos



Developer portal



Workshops



Community

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Amazon QuickSight @ re:Invent

Monday, 11/28

Workshop
10:45AM | @WYN
Build stunning customized dashboards with Amazon QuickSight

Chalk Talk
12:15PM | @MGM
Insightful dashboards through advanced calculations with QuickSight

Tuesday, 11/29

Chalk Talk
11:45AM | @WYN
Deploy your BI assets at scale to thousands with Amazon QuickSight

Leadership Breakout
2:00PM | @MND
Reinvent how you derive value from your data with Amazon QuickSight

Chalk Talk
2:45PM | @CSR
Architecting multi-tenancy for your apps with Amazon QuickSight

Wednesday, 11/30

Breakout
2:30PM | @WYN
Migrate to cloud-native business analytics with Amazon QuickSight

Breakout
4:45PM | @MGM
Get clarity on your data in seconds with Amazon QuickSight Q

Workshop
5:30PM | @WYN
Seamlessly embed analytics into your apps with Amazon QuickSight

Chalk Talk (repeat)
7:45PM | @WYN
Architecting multi-tenancy for your apps with Amazon QuickSight

Thursday, 12/1

Workshop (repeat)
11:45PM | @CSR
Build stunning customized dashboards with Amazon QuickSight

Breakout
12:30PM | @CSR
Differentiate your apps with Amazon QuickSight embedded analytics

Breakout
3:30PM | @Encore
Optimize your AWS cost and usage with Cloud Intelligence Dashboards

Visit the business intelligence kiosk in the AWS village to speak with QuickSight experts + free swag

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Thank you!

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