



MASTERING SAP 2023

OPTIMISE AND MODERNISE YOUR SAP APPLICATIONS

David Nye & Diego Lombardini

Amazon Web Services



Your presenters



Solutions Architect, SAP Workloads nydavid@amazon.com

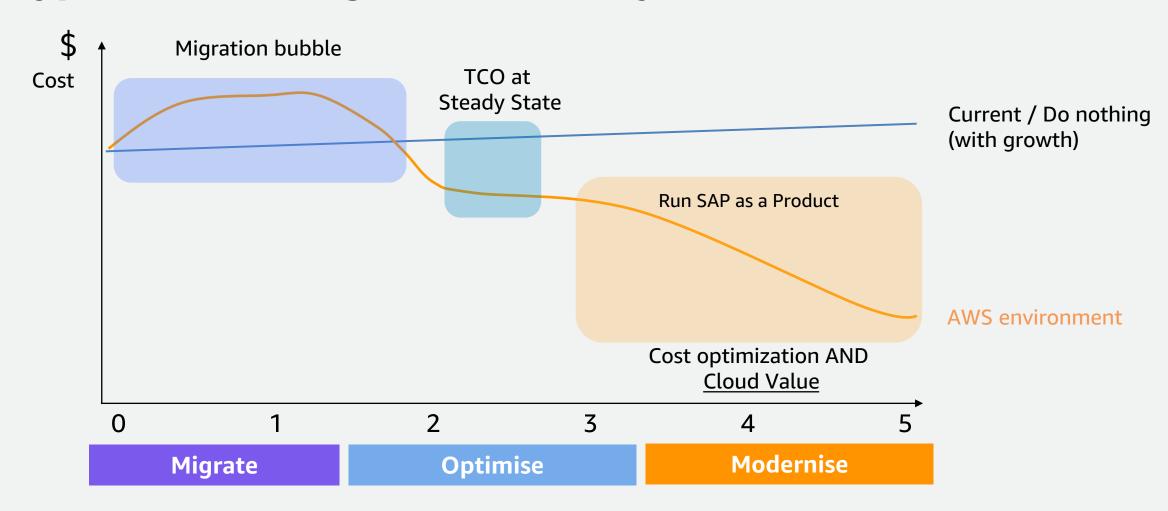








Typical Cloud Migration Journey





Optimisation





Automation



Cloud Operating Models







Cloud Financial Management

Track & Manage



- Visibility of Spend
- Create a forecast
- Track your budget
- Monitor for anomalies

Architecture



- Architecture and Cost are tightly coupled
- Architectural decisions should be assessed for cost

Cost Models



- Implemented a show-back or charge-back model
- Gain buy-in from the business on spend

Sustainability



- Include carbon usage in regular reporting
- Visibility is the first step in the journey to improvement



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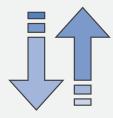
Cost Savings Techniques

Services



Managed services
Higher value services

Right-Sizing



Instance type
Instance family
Storage type
Storage class

Unit Prices



Purchasing options
Licensing options

Scale



Time based
Event based
Manual

Iterate



Periodic reviews
Periodic updates



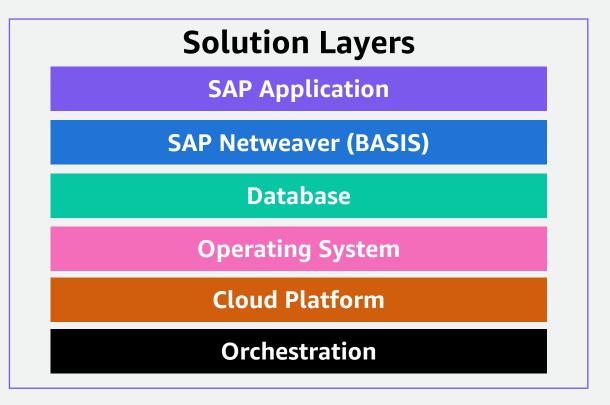


Automation

Key questions

- Define your goals for automation
 - Improve agility
 - Performance scaling
 - Lean operations
 - Compliance
- Assess cost \ benefit for scope of automation
- Consider each Solution layer when defining automation scope and tooling

Automation Process Scope Build Change Operate



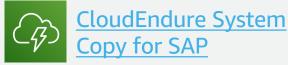




Automation

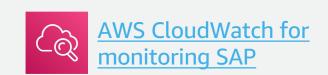




















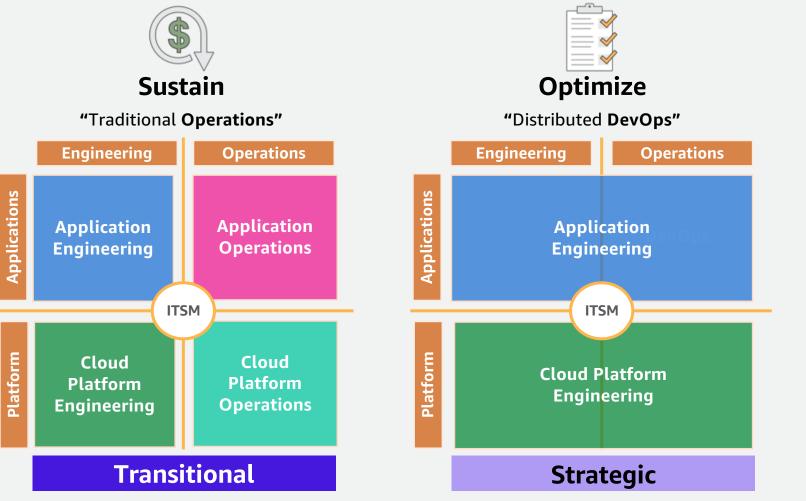


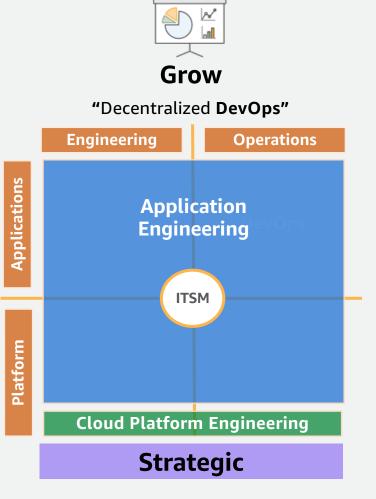






Cloud Operating Models





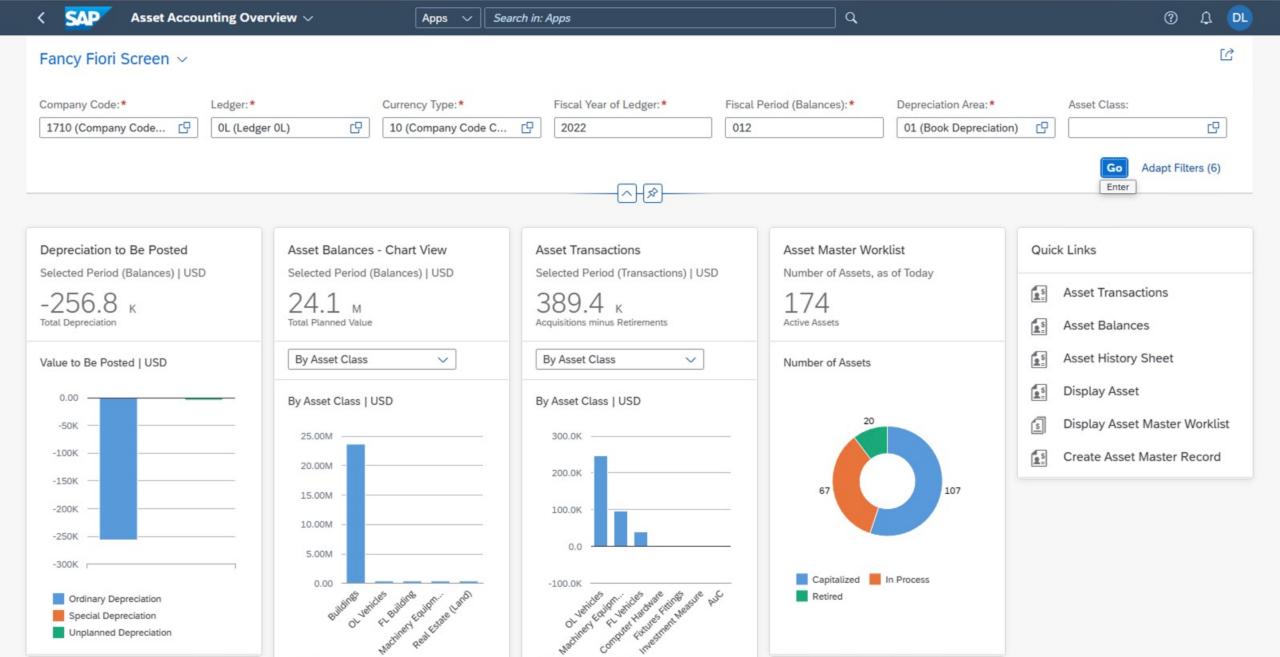


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Modernisation

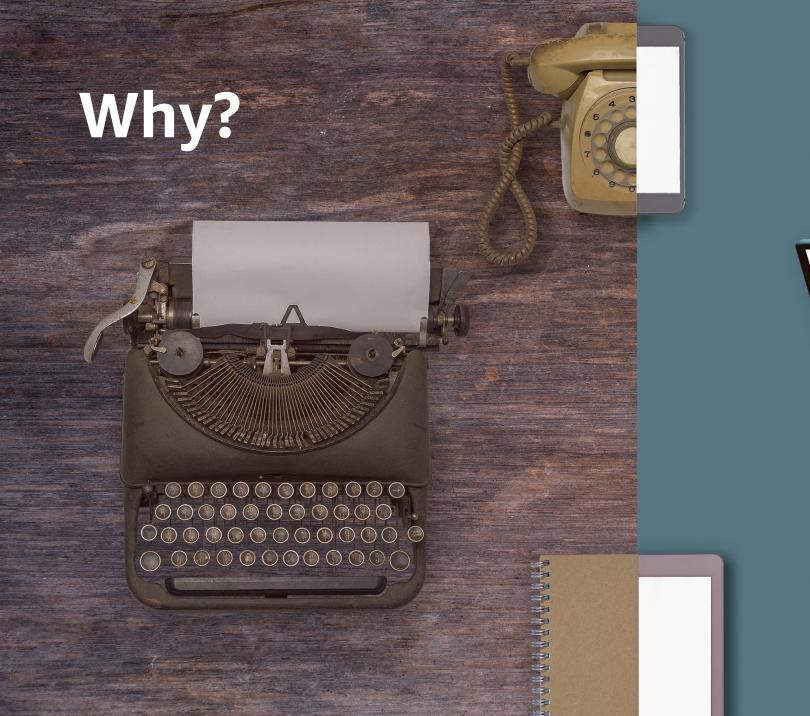




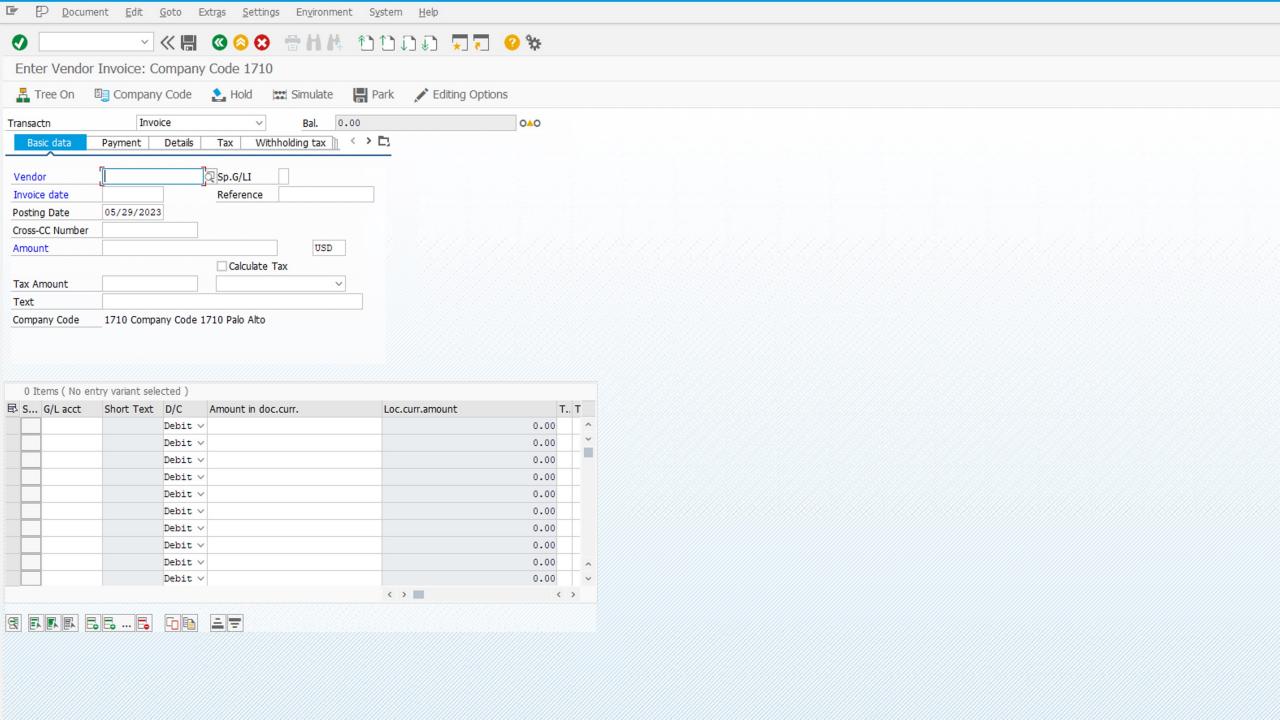


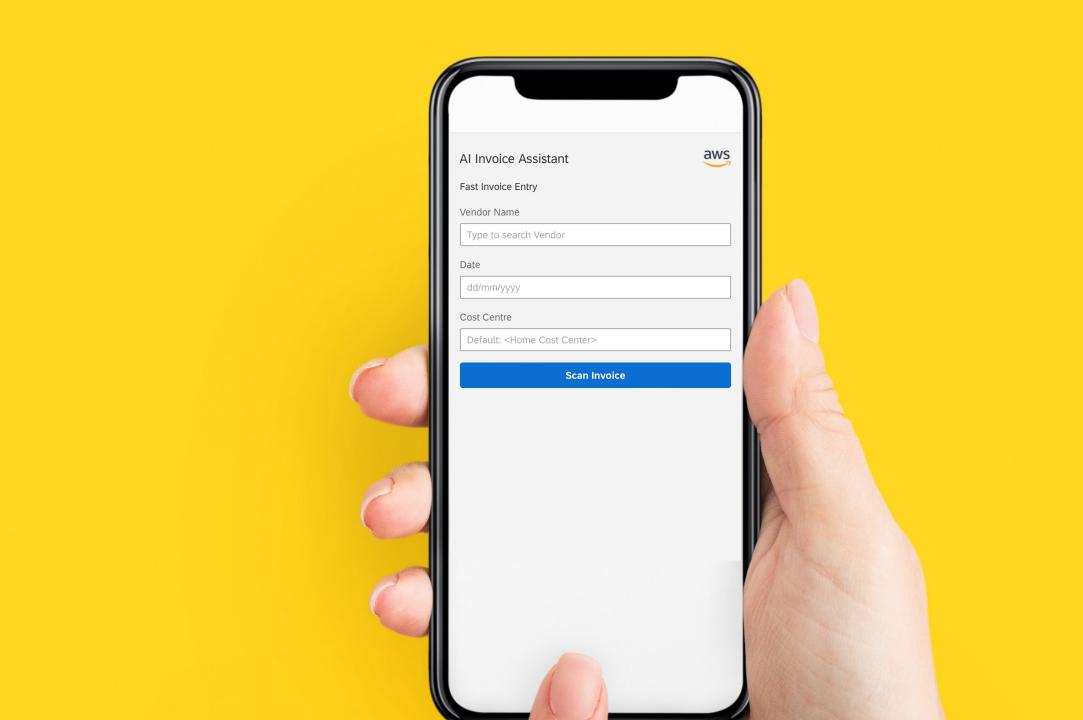
Acquisitions Retirements

Planned Value, Selected Period





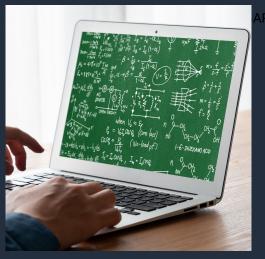












Modernise ERP: AWS ABAP SDK





Supercharge BTP: Joint Reference Architecture

What can you do?



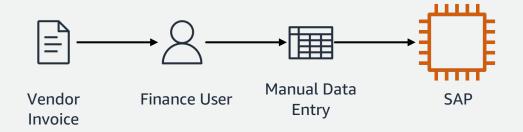
Unleash Data: Modern Data Platform



Modernise ERP with AWS ABAP SDK



Manual Invoice Processing

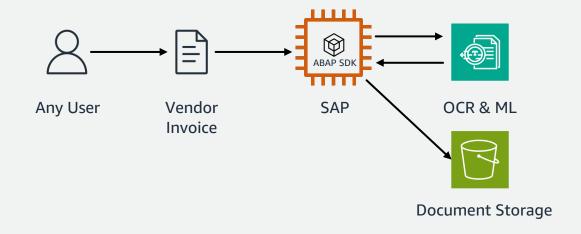


- Manual invoice entry
- Manual document download / scan and upload to SAP
- Time consuming
- Low value add

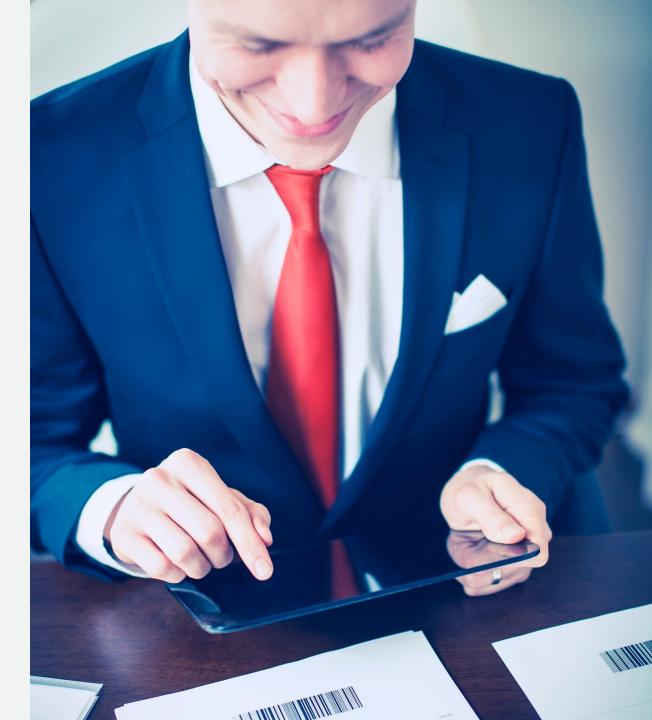




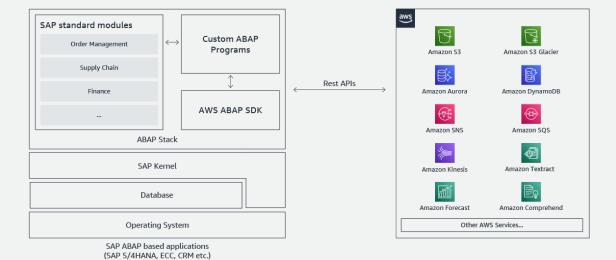
Invoice Automation with AWS ABAP SDK



- Enhance SAP with AWS Services ABAP SDK
- OCR and Machine Learning Amazon Textract
- Scalable, secure and resilient document storage
 Amazon S3



How do you start?





AWS ABAP SDK



Developer Guide



Code Samples (github)





Supercharge BTP with the SAP AWS Joint Reference Architecture



Asset Maintenance

- Field worker works in the field, not with computers
- Business process is in SAP
- Offline activities
 - Update Orders
 - Enter measurements (i.e.: odometer)
 - Provide documents / images
 - Navigate to location and find asset



Enhanced Field Worker app



ERP – Work Orders





Mobile Device



Mobile App





Location Services





Image Recognition





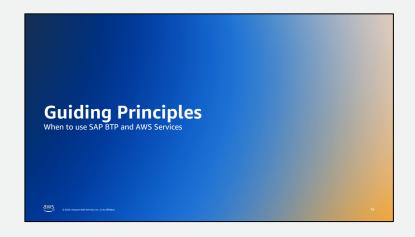
Document Storage







SAP AWS Joint Reference Architecture

















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Want to know more?

THURSDAY 08 JUNE 2023

13:55 - 14:40

BTP PLAYS WELL WITH OTHERS (JOINT REFERENCE ARCHITECTURE)

sly with

A joint reference architecture can demonstrate how SAP BTP works seamlessly with other technologies by providing a clear, visual representation of the various components and how they integrate with one another. By showing how these different technologies work together to deliver a cohesive solution, a reference architecture can help businesses to better understand the value and benefits of using SAP BTP alongside other technologies.

- Learn how you can use SAP BTP along with your existing technology stack
- Discover how BTP fits into an environment with hyperscalers and plays an important role



AWS JRA Blog



JRA Modernisation



SAP JRA Blog

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Modern Data Platform for SAP and Non-SAP Data

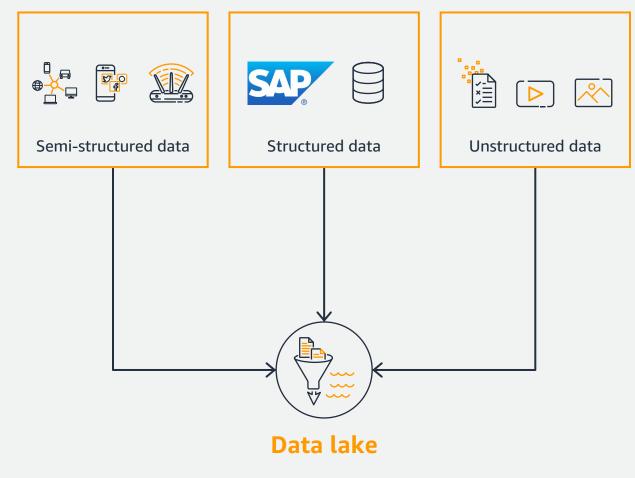


Data & Analytics

- Reference data is distributed across several applications
- Business systems core vs. business unit
- Volumes exponentially growing
- Structured vs. unstructured data
- External sources
- Need data NOW!



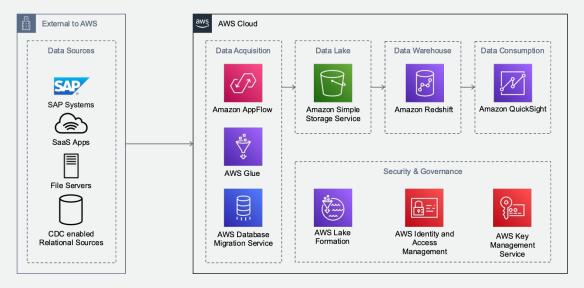
Modern Data Platform







How do you start?





AWS Modern
Data Architecture



SAP Data Warehousing Solution Guidance



SAP and Non-SAP Data Lake Solution Guidance

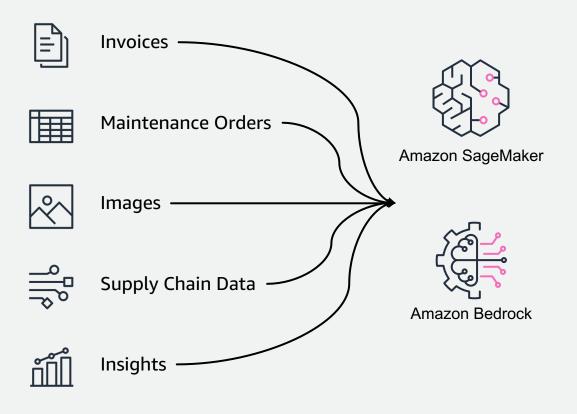


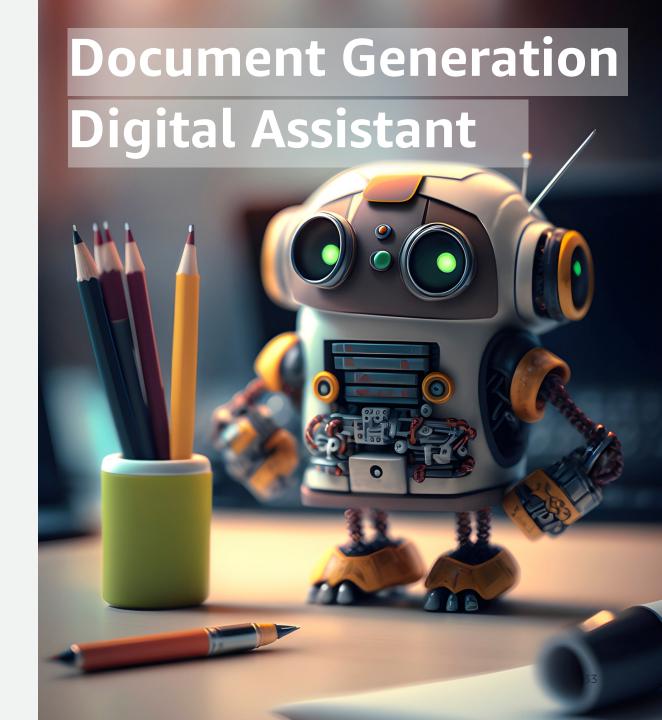


What's Next?



Generative AI / AI







Next steps





Call to action

Manage Cost



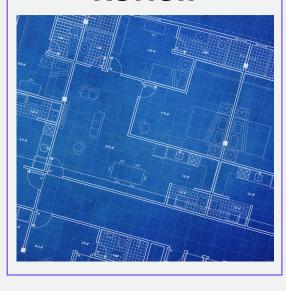
Operate Lean



Experiment



Engage in a Well-Architected Review







Thank you!

David Nye nydavid@amazon.com

Diego Lombardini dielom@amazon.com