



AI in EBS and how it compares with Fusion

Debra Lilley



SAOUG CONFERENCE 2025

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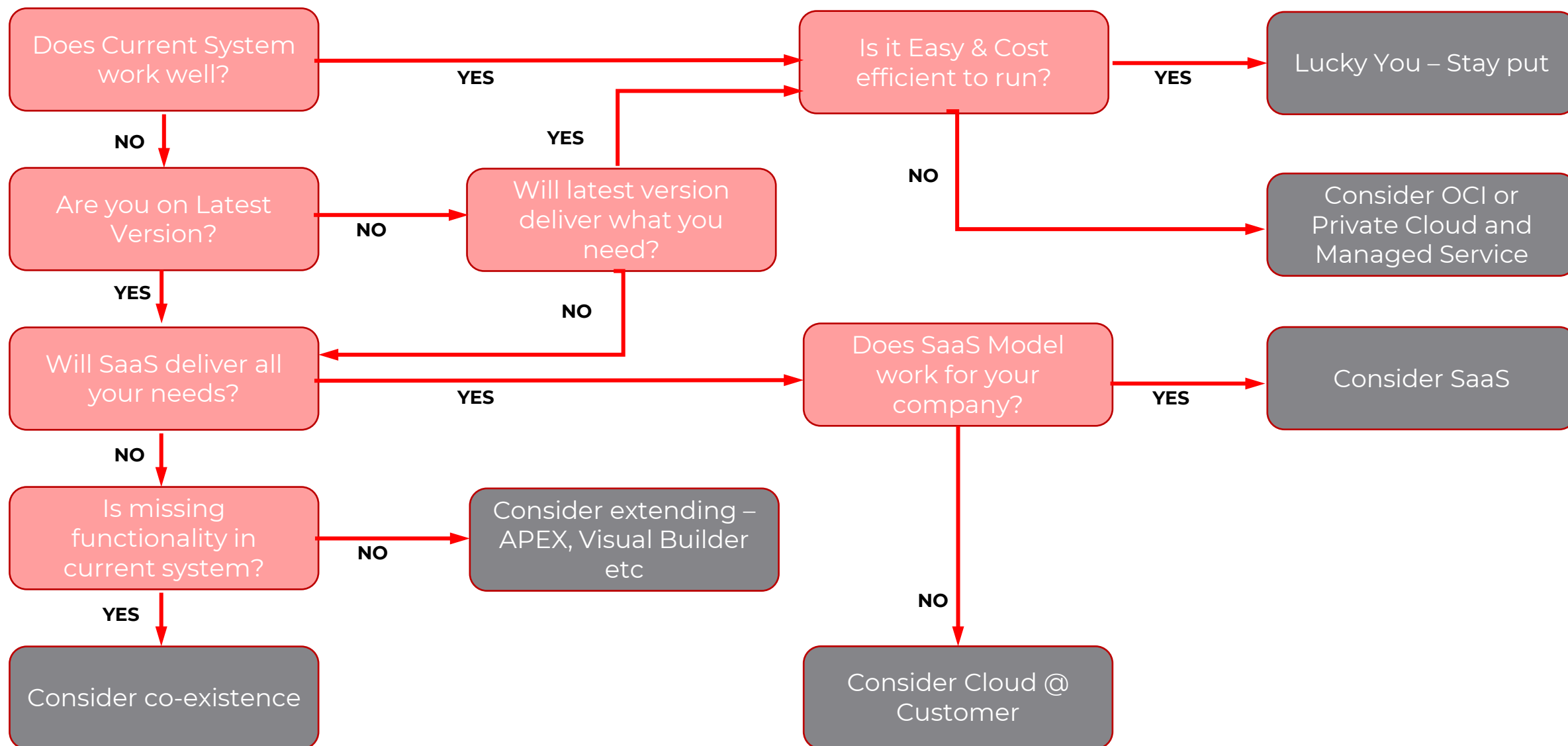


Debra Lilley

VP Thought Leadership & Advocacy at Inoapps



- > Oracle ACE Director, OCP & Oracle Masters
- > Fusion Applications UX advocate
- > Past President UKOUG
- > Oracle Apps since 9.4.1 (1996)
- > End User Advisor for Constellation Research
- > 2008 Oracle Magazine Award 'User Group Evangelist of the Year'
- > 2011 Friend of Quest Award
- > 2009, 2015 SOA Community Award Winner
- > 2014 Oracle Scene 'Most Read Article'
- > 2018 PaaS Community Award Winner
- > 2021 – Now ODTUG Board Member
- > 2022 APEX Coin Recipient
- > 2024 UKOUG Influencer Award



**Does current
system
work well?**

YES.

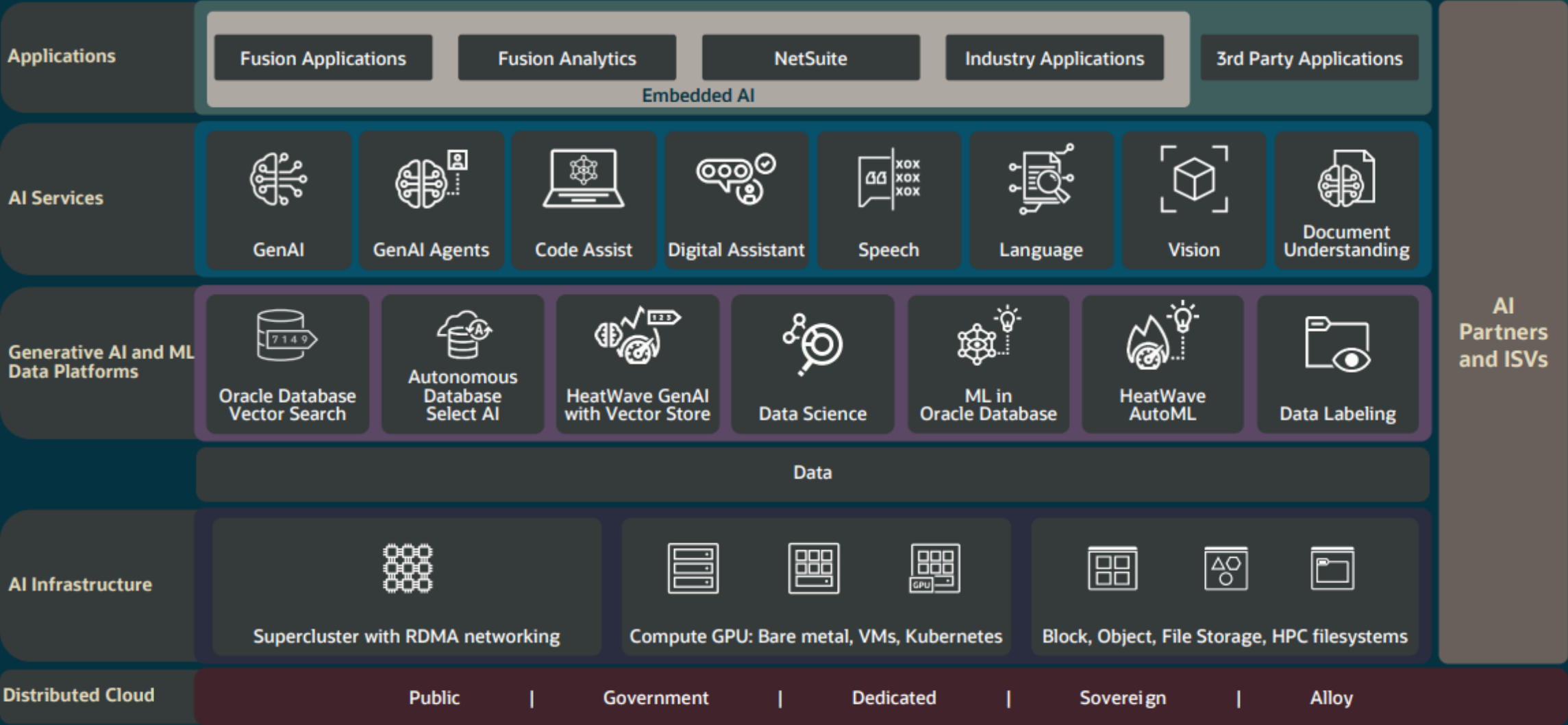
**But it's the EBS I have built
rather than the EBS I bought.**

A large, abstract graphic of a network or neural network structure, composed of numerous white nodes connected by thin white lines, set against a dark blue background with glowing blue bokeh lights.

But today.

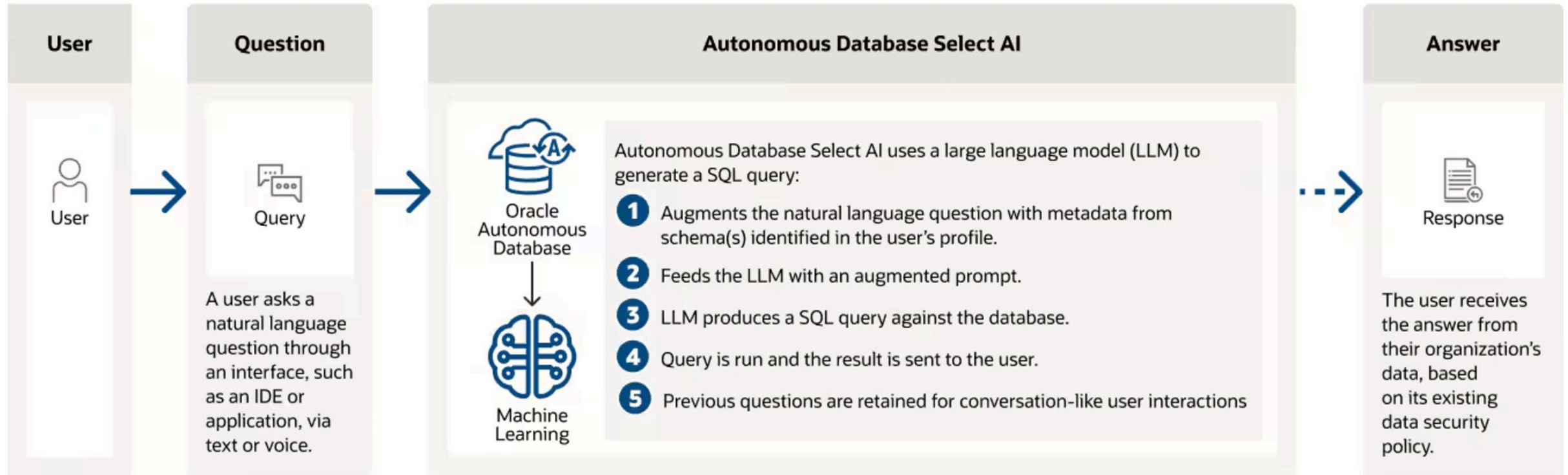
There is excitement
in EBS.

The Oracle AI stack



▶ <https://www.oracle.com/uk/autonomous-database/select-ai/>

AI in EBS



The logo for OCI Generative AI. It features the letters 'OCI' in a bold, orange, sans-serif font. Below 'OCI', the words 'Generative AI' are written in a black, sans-serif font. The entire logo is centered within a light gray rectangular background.

OCI
Generative AI

GenAI Service Translates your Language into Oracle SQL Language

Natural Language Semantics Related to EBS DB Schema

Plain English:

Business Language

Location

Calendar

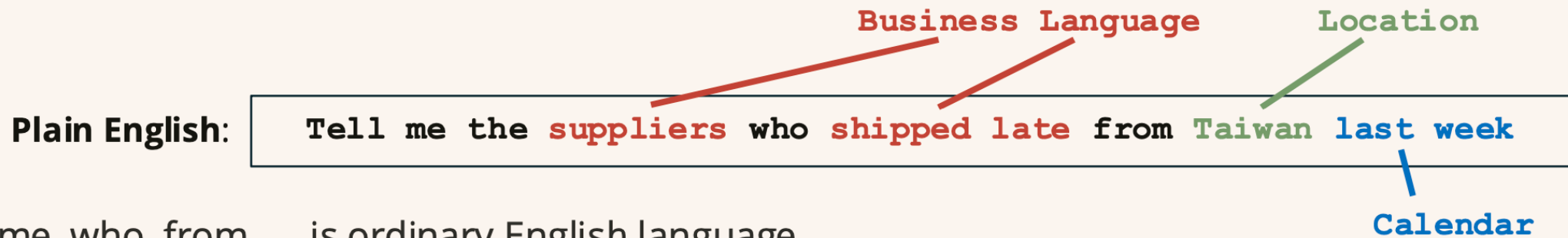
Tell me the suppliers who shipped late from Taiwan last week

EBS-specific dictionary required to answer this:

Business Term	EBS Table	Column	Where Condition
Supplier	mtl_suppliers	supplier_name	
Vendor	mtl_suppliers	supplier_name	
Seller	mtl_suppliers	supplier_name	
Location	hz_locations	country	
Location	hz_locations	city	
Shipped Late	rcv_receiving_txns	expected_receipt_date	actual_receipt_date > expected_receipt_date
Last Week	mfg workday calendar (5,6,7)		
Last Week	accounting calendar		sysdate - 7



GenAI Service Translates your Language into Oracle SQL Language



Tell me, who, from is ordinary English language

Suppliers is an ERP-specific language, has columns in EBS tables/views

Shipped late is an ERP-specific concept, need computation:
 $\text{actual_receipt_date} > \text{expected_receipt_date}$

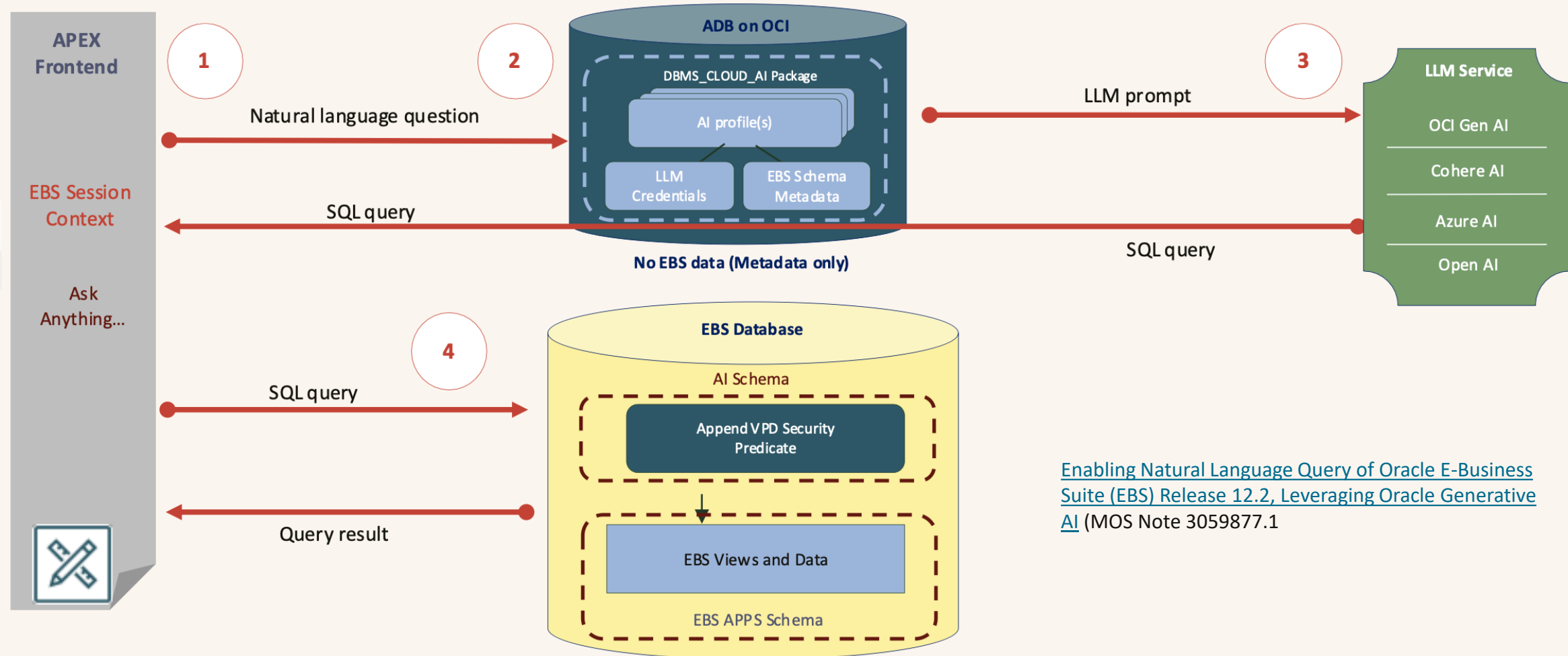
Taiwan is a geographic location, resides in EBS TCA Party schema

last week is related to a calendar: **ordinary calendar**, **MFG workday**, **accounting calendar**, etc.



Gen AI for EBS – Architecture, Execution and Data Flow

APEX Frontend, Two Database REST Connections



[Enabling Natural Language Query of Oracle E-Business Suite \(EBS\) Release 12.2, Leveraging Oracle Generative AI](#) (MOS Note 3059877.1)



Deployment Requirements and Deployment Options

EBS Deployment Options

EBS 12.2.7 and above

- On-premises
- On OCI

EBS Database

- Oracle Database 19c
- Oracle Database 23ai (coming soon)
- DB EE full-use required

APEX included in EBS Database



on-premises



OCI

OCI Services Required

Autonomous Database

LLM Services

- **Tested:** Meta Llama
- Third Party LLM Services can be used but not tested



DEMO

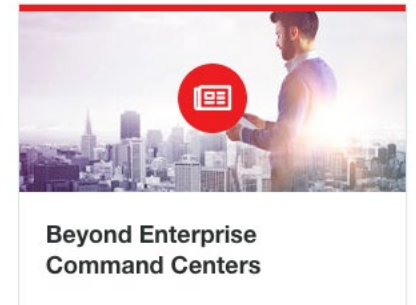
AI in E-Business Suite



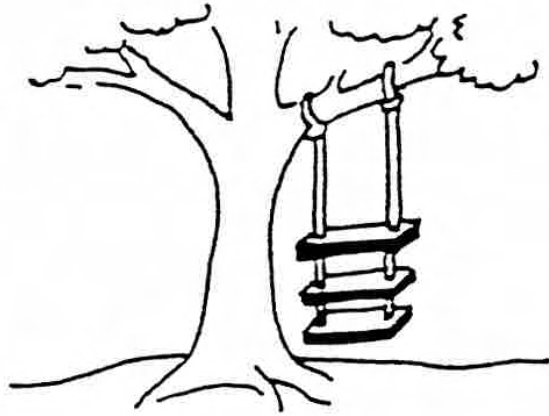
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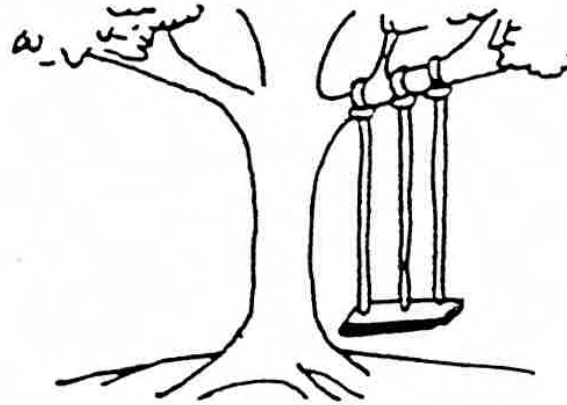
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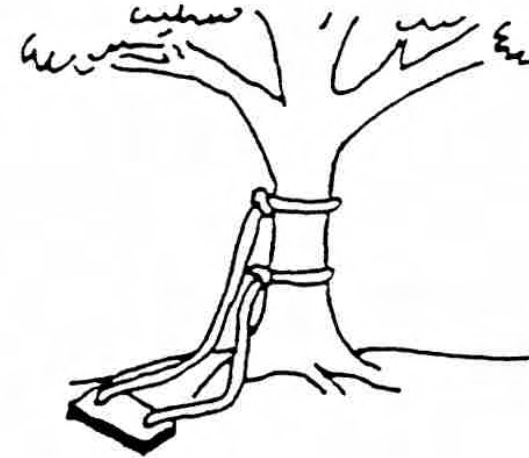
“Problem solving is an art form not fully appreciated by some”



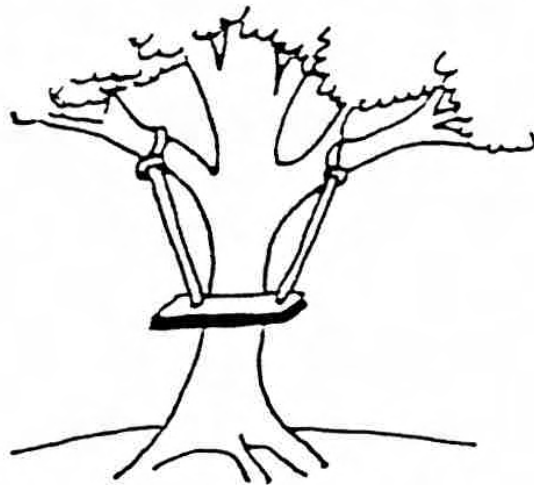
*As proposed by
the project sponsors*



*As specified in
the project request*



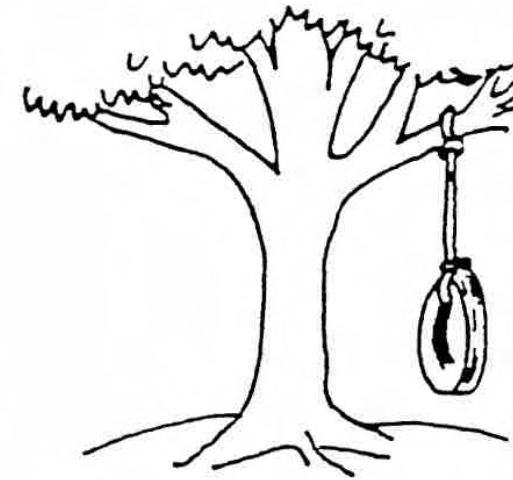
*As designed by
the senior analyst*



*As produced by
the programmers*



*As installed at
the user's site*



*What the user
wanted*

EBS is hard



**The Hard Nut
(E-Business Suite)**

- EBS is a hard nut to crack for AI.
- Its data structure was never designed for AI or any modern translation Layer.

Always been an issue



Legacy Struggles
(Discoverer & Reporting Tools)

- Remember all the struggles we had with Discoverer or any reporting - it required much development or 3rd party tools

AI Still Can't Do It Easily



**The Sledgehammer Approach
(Generic AI Solutions)**

- AI is the same it needs a modern design and infrastructure to work.
- EBS does not support AI today, and running it on OCI and on 23ai is not enough

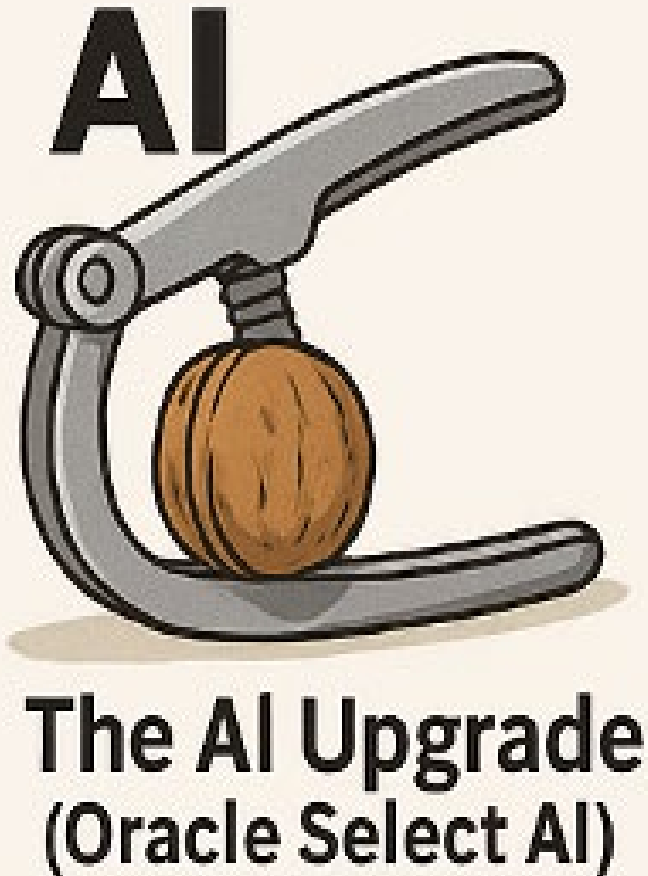
Look What We Did Earlier



Oracle's Subtle Advantage

- However, for the past several years Oracle has built a complex solution with their Enterprise Command Centres

What Has Been Delivered



- The ECC metadata can be used for Select AI as it is only generating SQL to be run against EBS,
- but other services require more complex answer.

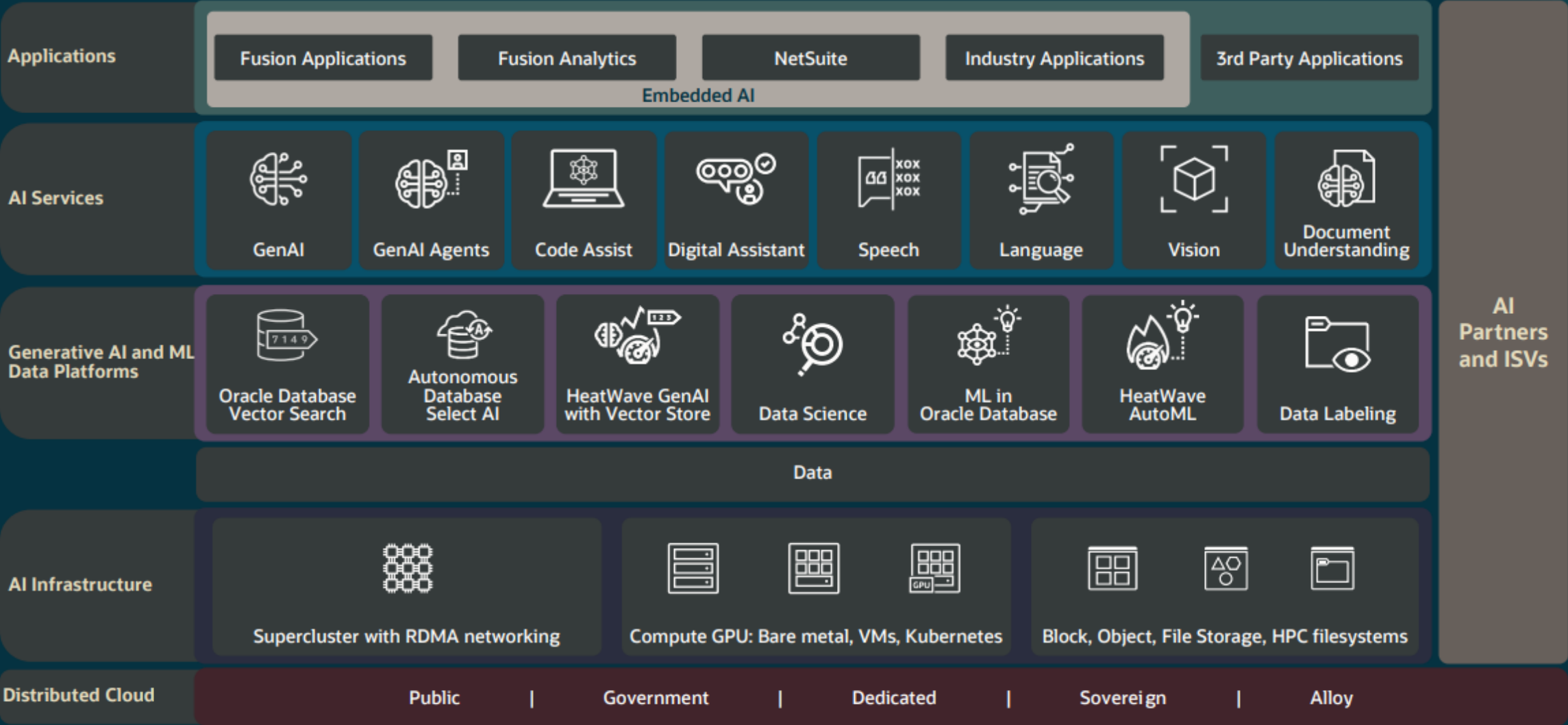
What Are Your Options For More?

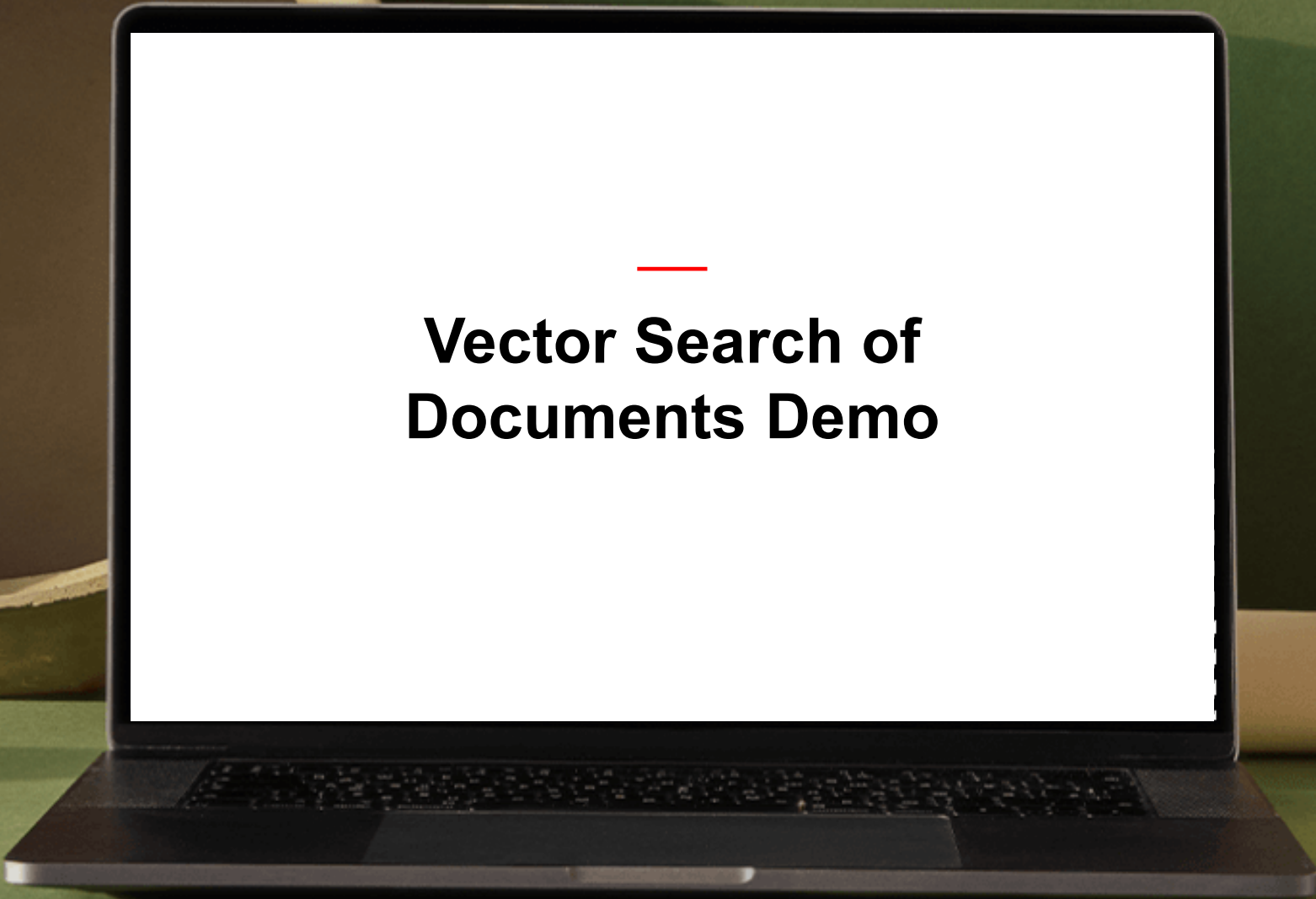


Your Path Forward

- Is now the time to move to Fusion where AI is baked in, or look at individual challenges and build out your own sledgehammer?

The Oracle AI stack





A laptop is open on a green surface, displaying a white screen with the title 'Vector Search of Documents Demo'. Above the title is a short red horizontal line. The background of the image includes a large brown circular object on the left and two white ceramic vases with dried plants on the right.

Vector Search of Documents Demo





THE AI ANGLE

Oracle AI Services: Accelerating Innovation in EBS

Ask EBS

Interact with your EBS data in natural language.

Oracle APEX and Select AI

Future AI Integrations

Recent versions APEX have native integrations to multiple AI platforms like OpenAI, OCI, etc. allowing business to merge the low code platform with cutting edge AI

Speed Up Design and Prototyping

Oracle Generative AI services are now available in APEX and it allows users to create applications from natural language prompts.

Fusion AI

Built in. Not Bolted on



Delivering a complete set of AI Agent capabilities to drive automation & enterprise productivity

Author

Quick to deploy, in app experience, natural language embedded in the flow of work

Answer

Agents with personalized customer context for advice, guidance and decision support

Action

Agents and agent teams for simple to complex business workflows taking supervised actions

Shape the future of work for your teams in the Fusion AI Agent Studio, where you can dream up, design, and deploy AI Agent workflows

NEW

Assemble

Challenges for EBS and AI



EBS is a hard nut to crack for AI. Its data structure was never designed for AI or any modern translation Layer.



Remember all the struggles we had with Discoverer or any reporting - it required much development or 3rd party tools



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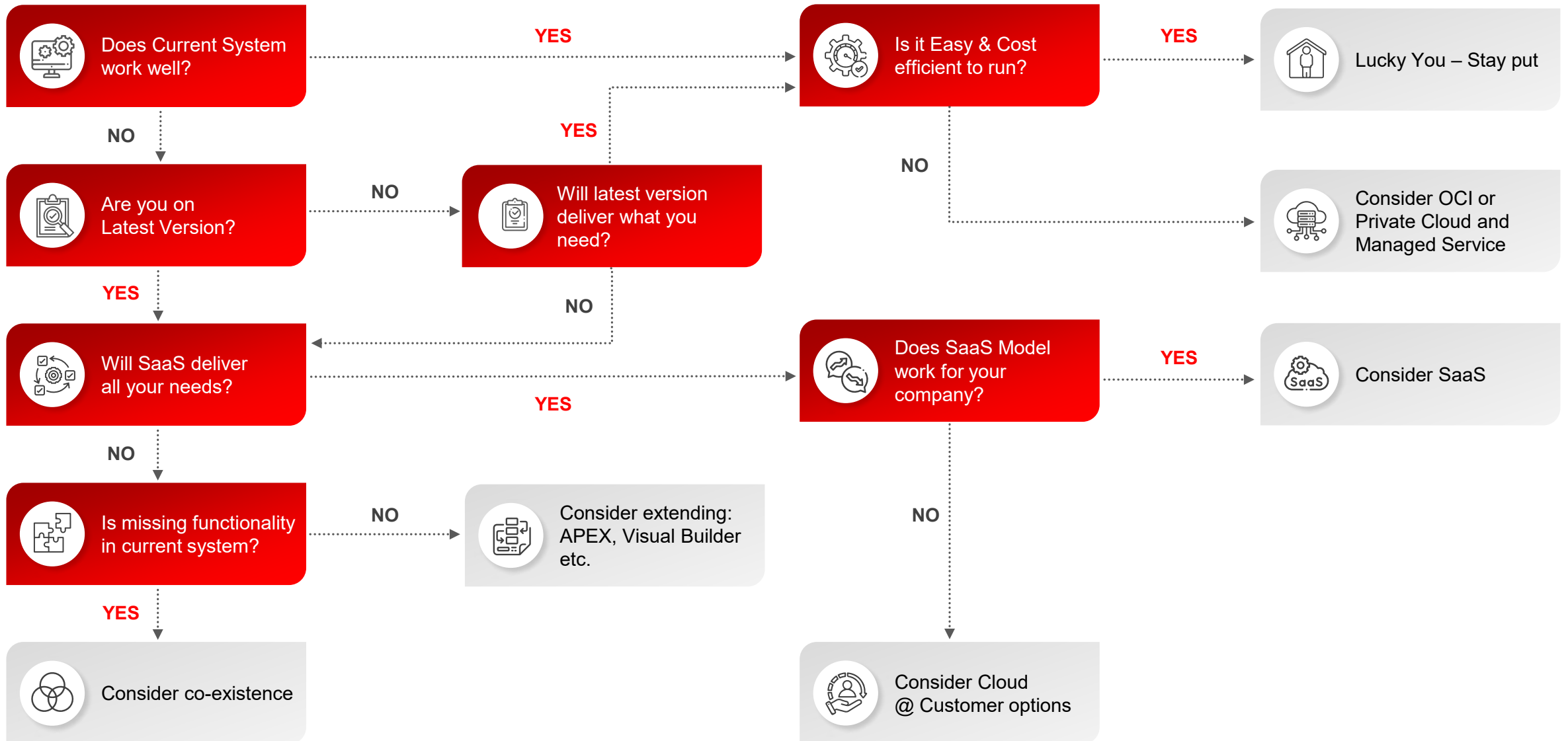
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Is now the time to move to Fusion where AI is baked in, or look at individual challenges and build out your own sledgehammer?



Tipping Point?



Will SaaS deliver
all your needs?

YES



Does SaaS Model
work for your
company?

YES



Consider SaaS



Survey:

How are you using EBS?



Open till late
December

<https://bit.ly/4hSfHGc>

We will share trends in
paper and a webinar



debra.lilley@inoapps.com

