



SSO

In the Age of

AI

**NICE
TO**

MEET

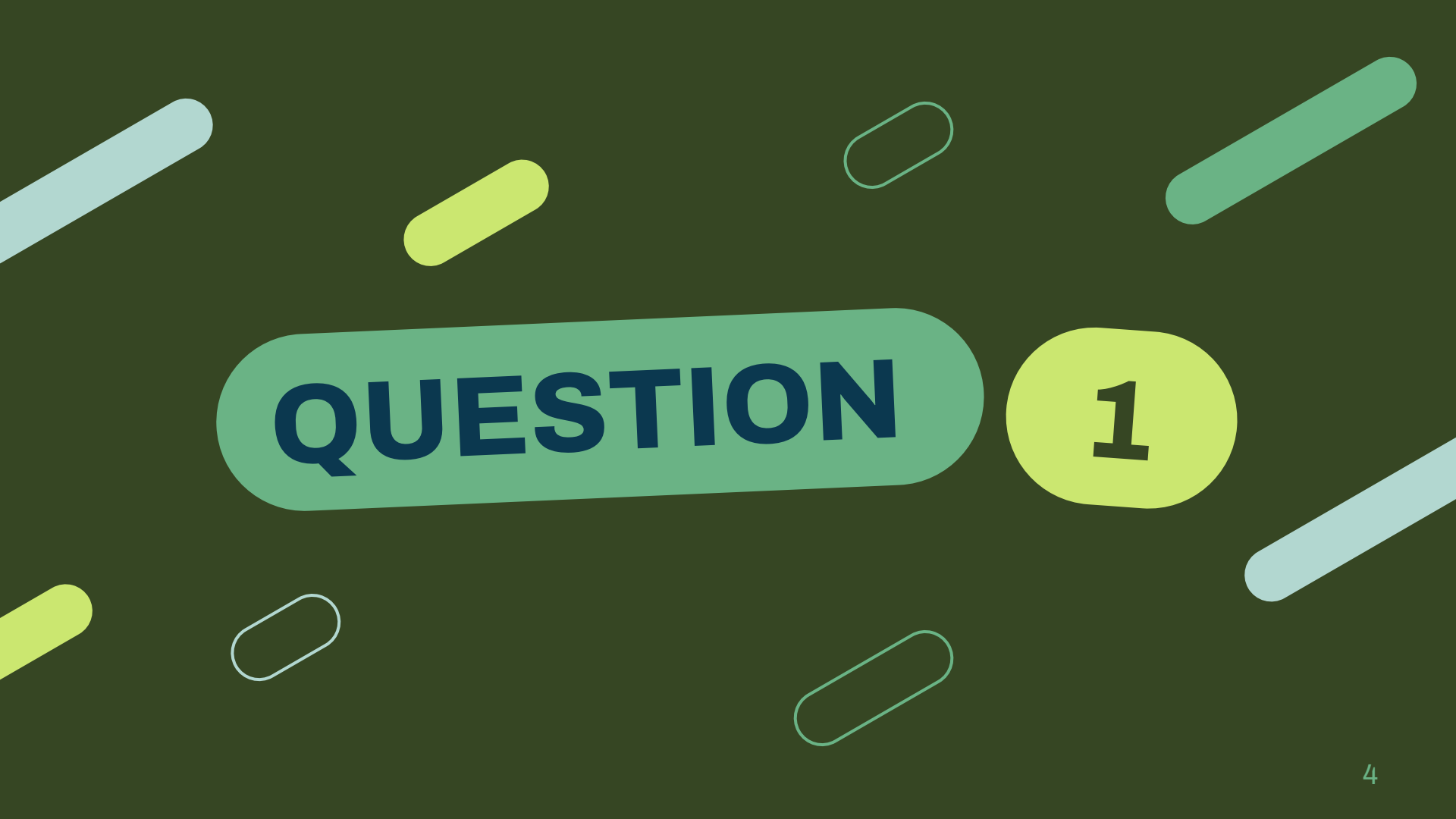
YOU



TAKE

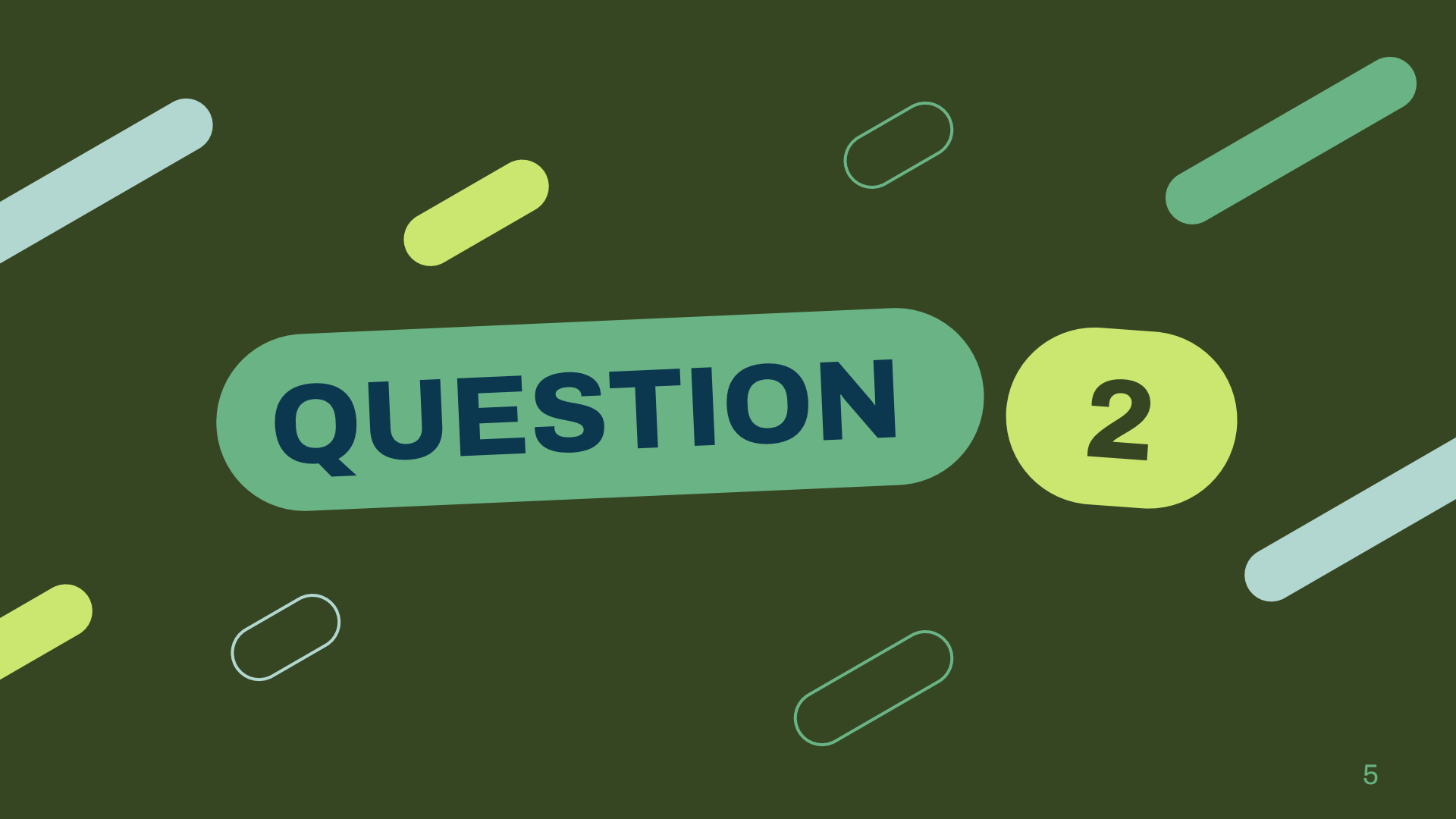
A

POLL



QUESTION

1

The background is a solid dark olive green. It is decorated with several geometric elements: a light blue bar in the top left, a yellow bar in the top center, a teal bar in the top right, a light blue bar in the bottom right, and a yellow bar in the bottom left. There are also four white-outlined pill shapes scattered across the background. The main text is centered in the middle of the slide.

QUESTION

2

MEET

THE

**CHARACTER
S**

CHARACTER

The Original Missing
Piece “The Rolling
Stone”

The Road

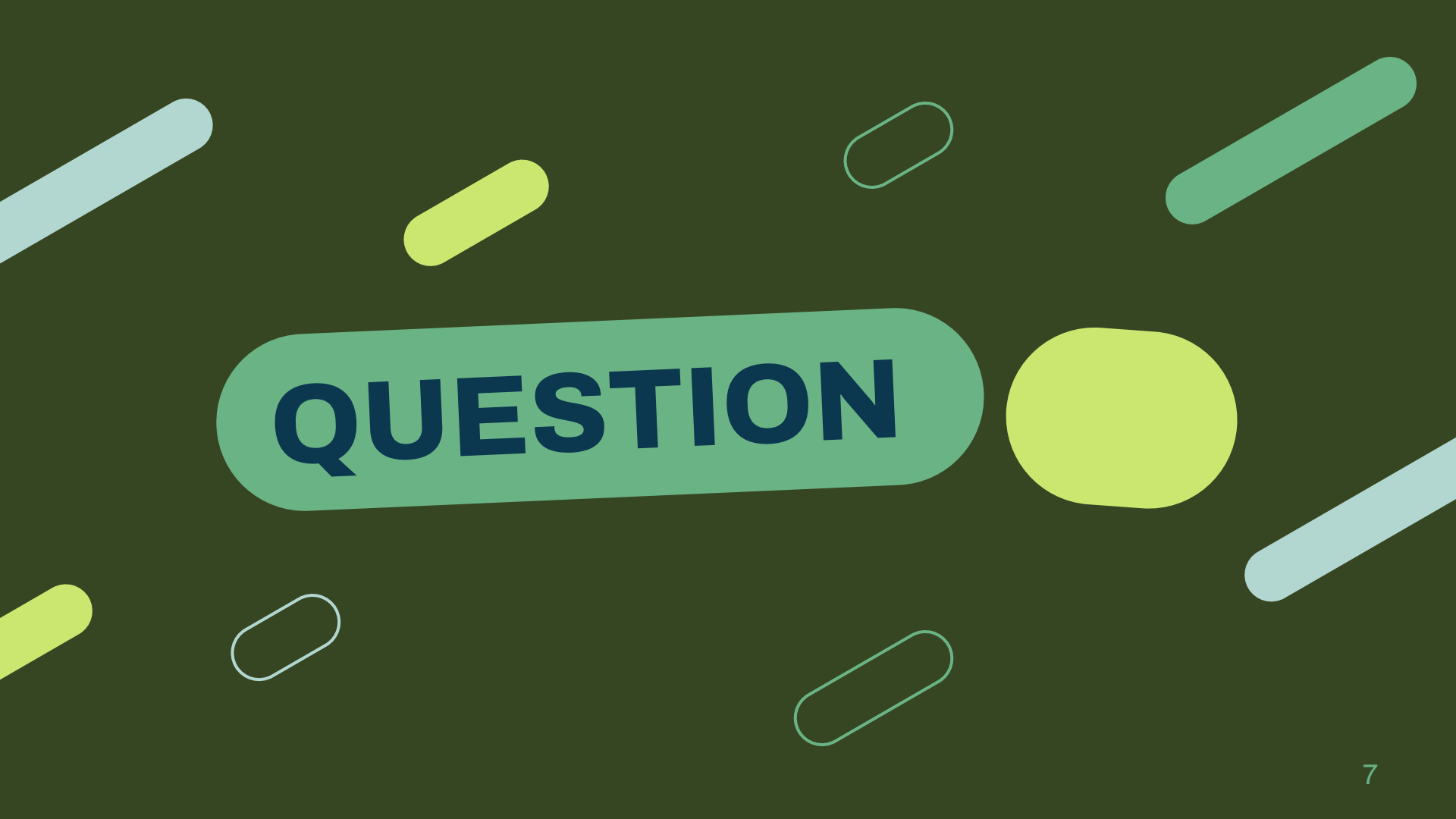
The Missing Pieces

AKA

Agentic AI Agent

Single Sign-On SSO

Use-Cases

The background is a solid dark olive green. It is decorated with several geometric elements: a light blue rounded rectangle in the top left, a yellow rounded rectangle in the top center, a teal rounded rectangle in the top right, a yellow rounded rectangle in the bottom left, and a light blue rounded rectangle in the bottom right. There are also four white-outlined rounded rectangles scattered across the background. A large, light green rounded rectangle is positioned horizontally in the center, containing the word "QUESTION" in a bold, dark blue, sans-serif font. To the right of this central rectangle is a large, solid yellow circle.

QUESTION

The Missing Piece

From Shel Silverstein, the celebrated author of *The Giving Tree* and *Where the Sidewalk Ends*, comes *The Missing Piece*, a charming fable that gently probes the nature of quest and fulfillment.

It was missing a piece. And it was not happy. What it finds on its search for the missing piece is simply and touchingly told. This inventive and heartwarming book can be read on many levels, and Silverstein's iconic drawings and humor are sure to delight fans of all ages.

*So it set off in search
of its missing piece.*

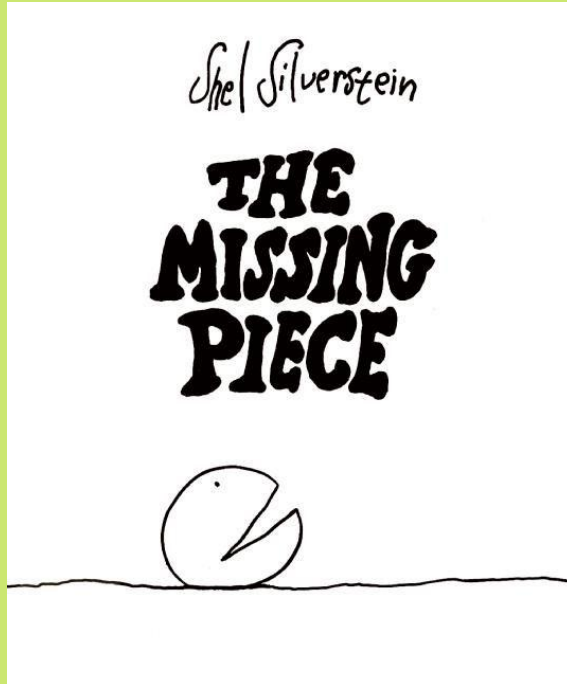
*And as it rolled
it sang this song—*

Oh I'm lookin' for my missin' piece

I'm lookin' for my missin' piece

Hi-dee-ho, here I go,

Lookin' for my missin' piece!



Like the missing piece Agentic AI is an Agent.

- Who built the missing piece? In this case Shell Silverstein. Any other day it might be you who is the engineer/author/creator.
- The missing piece has been built but for what purpose?
- How will it be utilized?
- What is its perfect use-case?

Traditional AI vs. Agentic AI

Traditional AI

Requires prompts from humans and/or explicitly programmed rules.

- Pattern recognition
- Prediction
- Classification within structured datasets



Agentic AI

Takes action to achieve a defined outcome, often without direct human input.

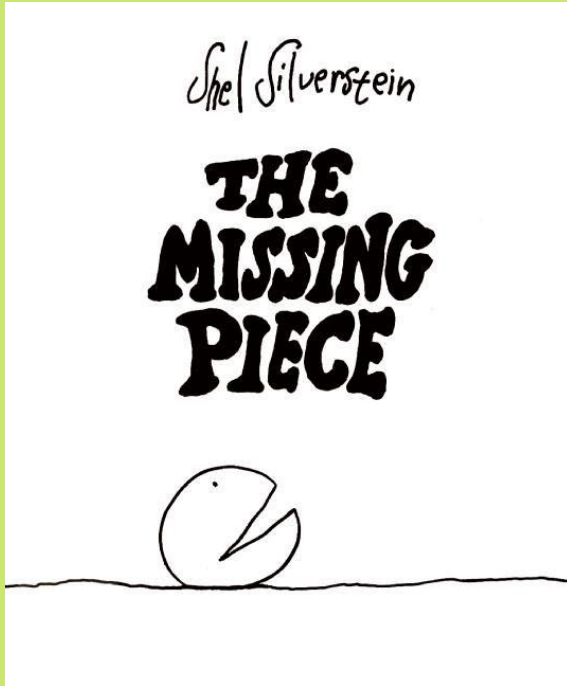
- Perceiving environment
- Reasoning
- Executing actions
- Learning from outcomes

Why is it important to talk about SSO in the age of AI?

SSO is created based on a user. Is AI a user?
Agentic AI is an agent. Can agents be secured? Typically yes but if they are Agentic AI is that the same or different?

I'll share several use-cases I've encountered recently in the form of a story.

The Road



Like the missing piece, the road is also defined by the author/the engineer the creator.

The Road is SSO.

SP-initiated SSO



AD as an identity provider for SSO



Featured Single Sign-On (SSO) Solutions At A Glance

Free Plan Available:



Leader:



G2 takes pride in showing unbiased reviews on user satisfac

Highest Performer:



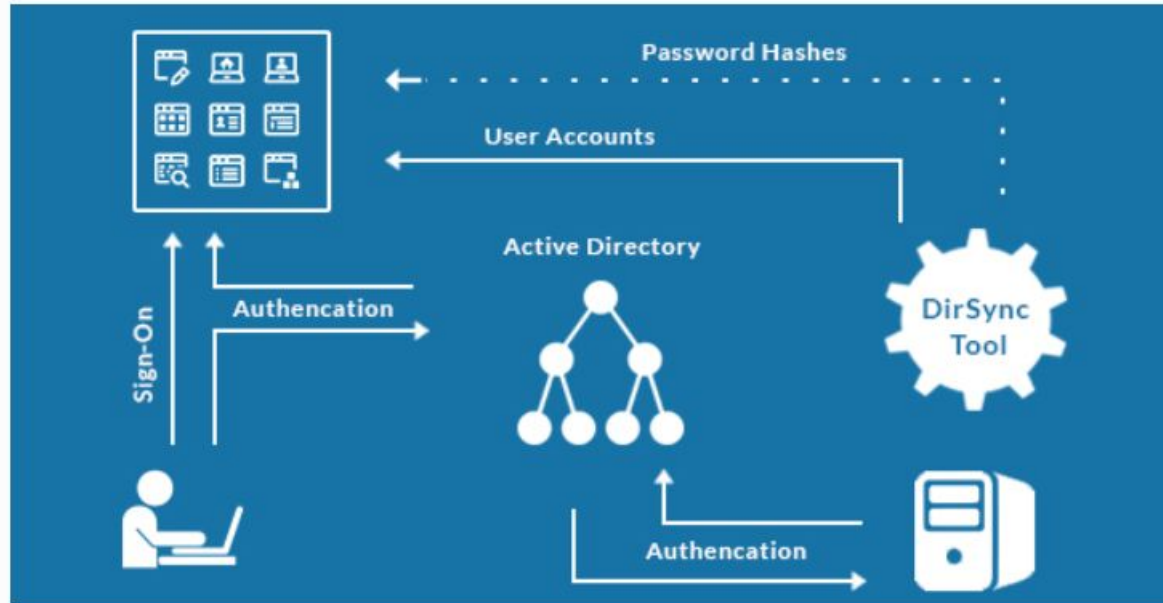
Easiest to Use:



and reports. We do not allow paid placements in any of our rating

										
15Five	389 Direct...	Active Dir...	AD LDS	ADP	Aha!	AppDyna...	ArcGIS	Assembla	Bamboo	BambooHR
										
Chartio	Circonus	Cisco Mer...	Cisco Umb...	Citrix Shar...	Clarizen	Clearslide	CloudAMQP	Cybozu	Cybozu Of...	Datadog
										
Evernote	Evident.Io	EZOfficeIn...	EZRentOut	Feedly	Flatter Files	FormStack	Freshdesk	FreshServi...	G-Suite	Garoon
										
Imagerelay	JitBit	Kintone	Kissflow	KiteWorks	Knowledg...	Line Works	LiquidPlan...	Livechat	Logit.Io	Lucidchart
										
Oracle Dat...	Oracle E-B...	PagerDuty	Panorama9	ParkMyClo...	PeopleHR	Pingboard	PlanMylea...	PostgreSQL	ProdPad	Proto.Io
										
SalesForce	Samanage	SAP NetW...	Screensteps	Service N...	Showdme	Shufflr	Slack	Small Imp...	Spotinst	StatusCast
										
Targetproc...	Thousand...	Trello	UserEcho	Velpic	Weekdone	WhosOnLo...	Workplace...	Wrike	Zendesk	Zoho

Zillions of options are available today when you will search for Single Sign-On. Some are on-premises, while others are cloud-based. Cloud-based SSO is gaining a lot of popularity today. Enterprises and Higher Eds are choosing cloud-based SSO over on-premises ones. What is the reason behind this switch? Before we try to unveil the devils of on-premises SSO, it is important to understand what on-premises SSO is.



On-premises (on-prem) SSO is installed on servers on the premises (in the company) of the person using SSO, rather than at a remote facility such as a cloud or server farm. Although on-premises SSO is lot secure in comparison to cloud SSO but unfortunately organizations have to incur a huge cost in maintaining these servers.



LET'S

GO

The Missing Pieces We Meet



Jerry Maguire

1 White Belt Earned



Water Utility Company

Spoke to Local Water Organization about SSO

- Security have SSO on-prem
- They are never going to cloud
- Building their own data centers and back-up centers
- Talked about ransomware, hackers, code obfuscation
- Fear
- government regulation even at state level
- Employees/contractor negligence most dangerous of all

LOCAL NEWS

'60 Minutes' spotlights Chinese hacking of Massachusetts town's utility network

A national security segment revealed how hackers infiltrated the local utility network as part of a wider Chinese operation.



Strategic Factor	BUILD AI	BUY AI
Primary Driver	Competitive advantage / intellectual property (IP)	Utility / standard business function
Deployment Speed	Longer time-to-value (requires 12+ months)	Near-immediate deployment (weeks to months)
Fit & Customization	100% tailored to unique workflows	High “80% fit” / limited extensibility
Financial Model	High upfront CapEx (talent & infrastructure)	Lower initial OpEx (subscription/usage fees)
Architectural Control	Full ownership of data, models, and roadmap	Vendor-dependent / potential for ecosystem lock-in
Data Governance	Maximum security (mandatory for sensitive/regulated data)	Requires vendor to meet strict compliance standards
Risk Profile	High execution risk (maintenance, talent retention)	Low development risk (proven performance)



Bring Your Own Device



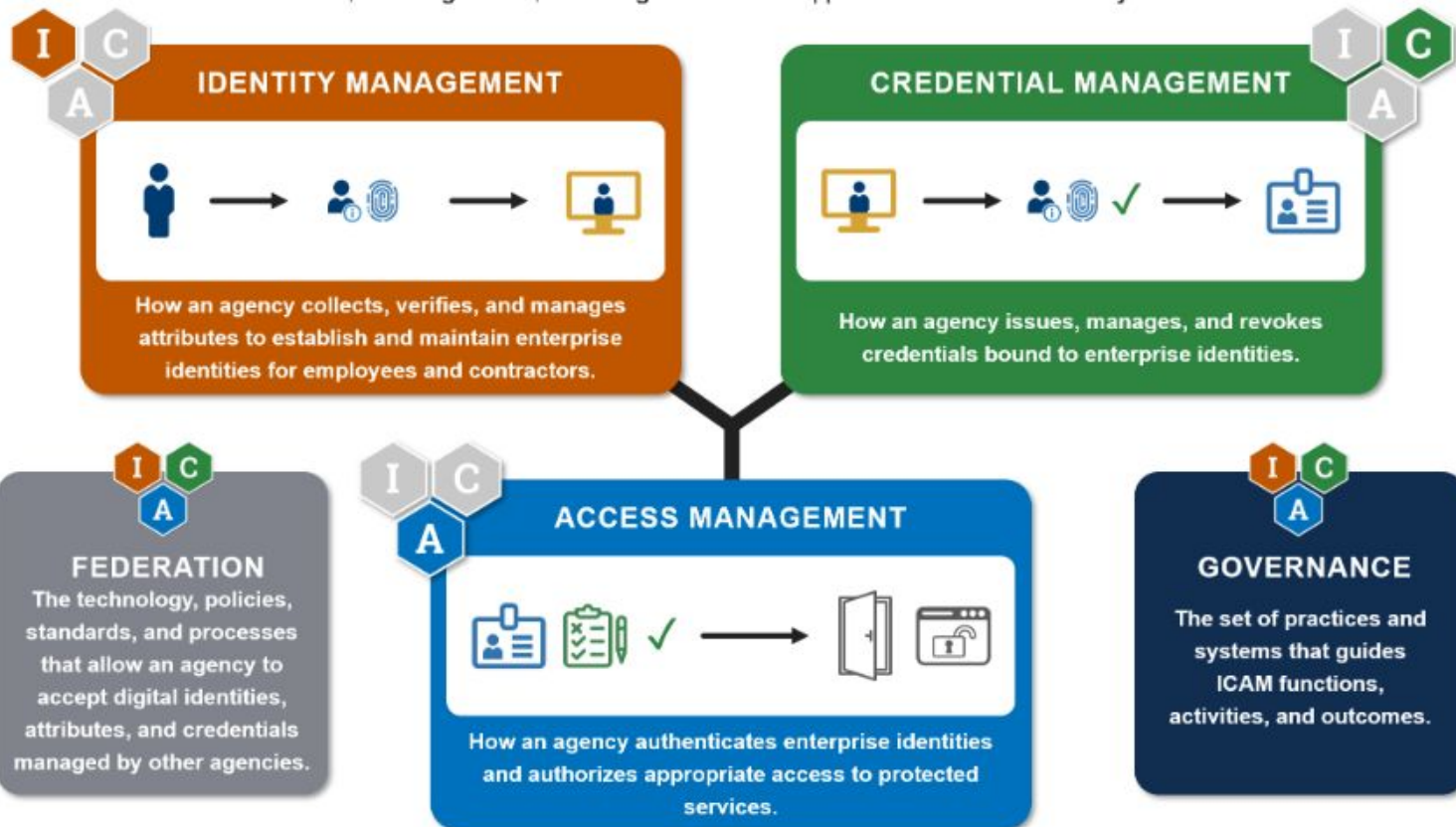
2 Yellow Belt Earned



Fed Contractor ITR

IDENTITY, CREDENTIAL, AND ACCESS MANAGEMENT (ICAM)

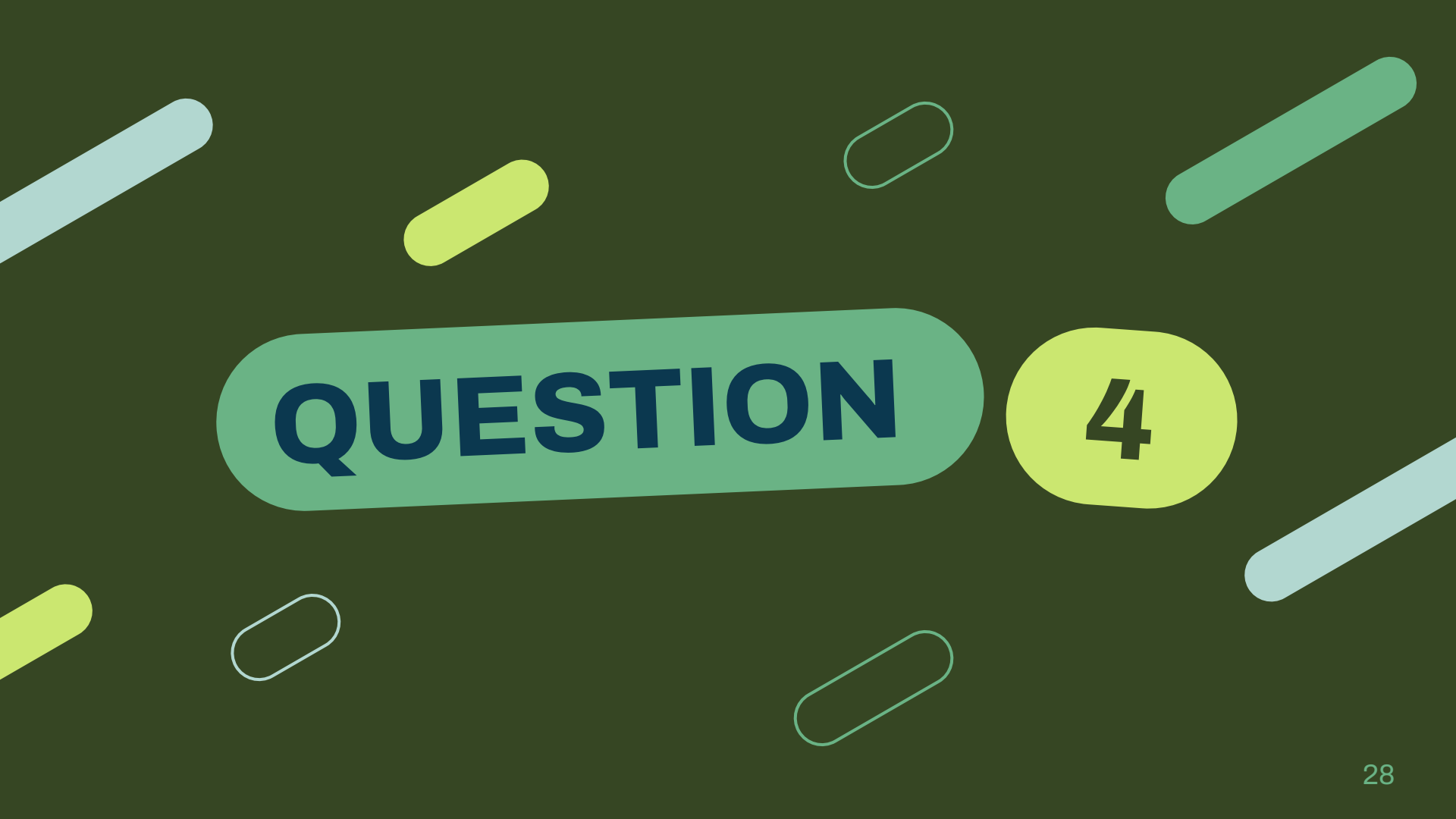
The set of tools, policies, and systems that an agency uses to enable the *right individual* to access the *right resource*, at the *right time*, for the *right reason* in support of *federal business objectives*.



3 Orange Belt Earned



Telco Early Adopter



QUESTION

4



I'm looking for...



Home

My Network

Jobs

Messaging

Notifications

Me

For Business

Sales Nav



Something Big Is Happening



Matt Shumer ✓

GP at Shumer Capital, Previously CEO and Co-Founder of OthersideAI

February 11, 2026



Comments

11,414 • 1,247 comments • 1,254 reposts



Like

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Mathieu Lajante, PhD • 3rd+
Principal, BomaliQ Inc. | Mapping the Fricti...

2mo



This article is a brilliant illustration of propaganda for the platformization of work, where cloud and platform owners extract value through a triple tax:
- Toll fee: "Sign up for the paid version," the author suggests. ...more

Like • 112 | Reply • 13 replies

See previous replies



Bryan Sacks • 3rd+
Adjunct Professor at Drexel University

2mo



Eugene Guendeka There's a ton to "argue

Investment in moving data and in some cases rebuilding from scratch. It's a three year commitment and a few million dollars.

4 Red Belt Earned



HIPAA Compliance

Knowledge powers call center providing answers about medical leave, mental health

Before SSO the information was kept on One Note without any security, or AI

More secure

Plan: Faster, safer, more accurate search results driven by purposeful Agentic AI recognizing patterns based on HIPAA laws and customer trends

4 Blue Belt Earned

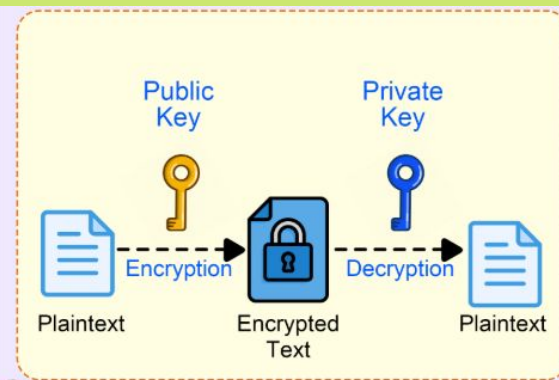
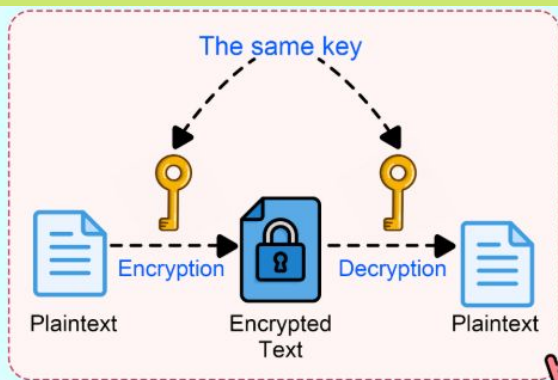


Insurance Company ITSM

Internal and External Customers served by
the same ITSM platform:
Blogs, articles, Knowledge for agents

Encryption versus SSO

Forms containing HIPAA information could use MFA on top of encryption as a solution.
What do you think?



V

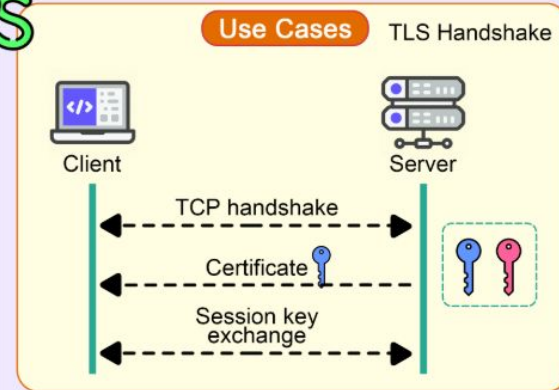
S

Use Cases PII Encryption

Name	PAN number	Email
Bob	XYZ123456	bob@gmail.com

PII Data	Token
XYZ123456	abb-aadc-xs
bob@gmail.com	pqi-wjqk-tb

Name	PAN number	Email
Bob	abb-aadc-xs	pqi-wjqk-tb



- Pros**
- Faster, more efficient
 - Bulk encryption

- Cons**
- Key management
 - Key exhaustion

- Pros**
- Enhanced Security
 - Transparency

- Cons**
- Slow processing
 - Loss of private key

Future:

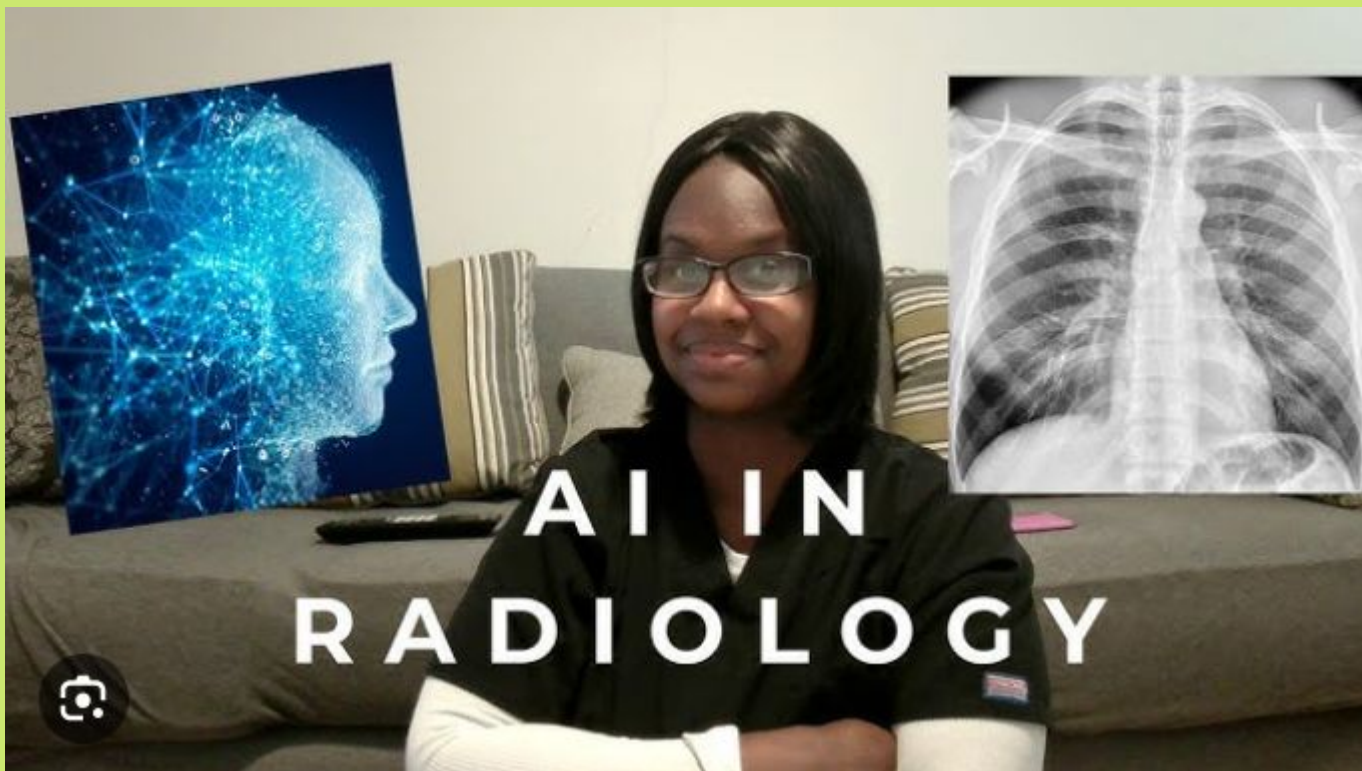
What happens to a pay model if there are no or less users or if agents are real people or worth thousands of people?

Consumption model

5 Black Belt Earned



The Human Element



ANSWER

There are no agents without humans
informing it

THANK

YOU
U