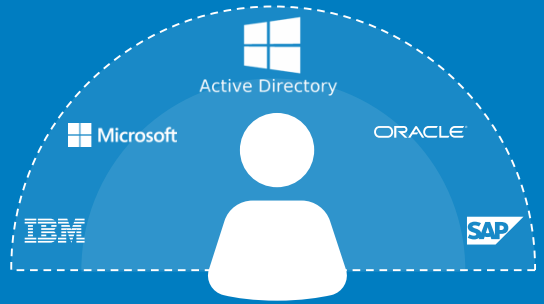
Identity as the Security Perimeter

Adam Watkins, Director of Commercial Sales @ Okta

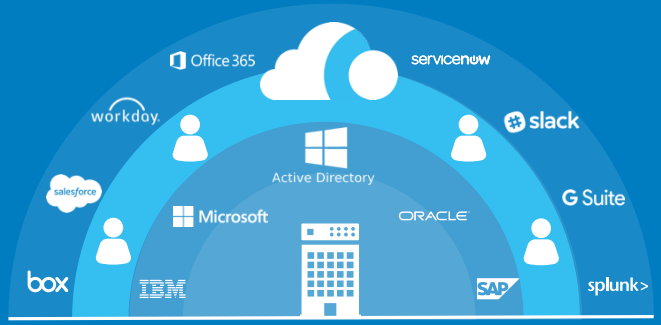
Workforce Identity

YESTERDAY



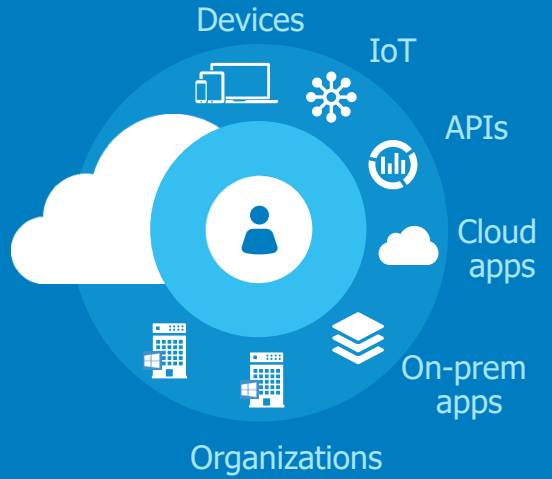
Identity was part of a stack

TODAY



Identity as an independent and neutral platform

TOMORROW



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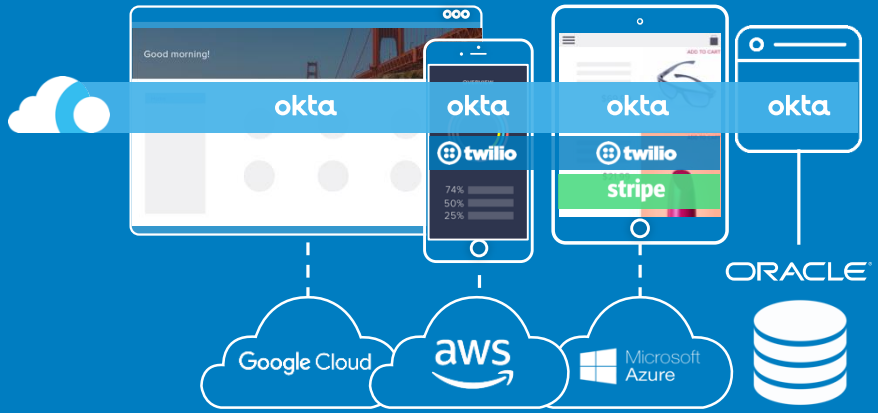
Customer Identity

YESTERDAY

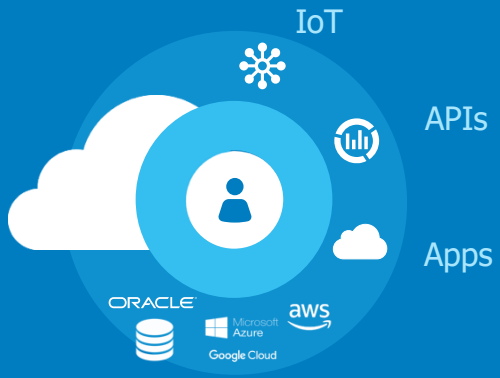
Build it yourself

TODAY



Identity as a microservice

TOMORROW



Infrastructure

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Security

YESTERDAY
Network is the perimeter

Firewall, VPN

TODAY
People become the perimeter

Identity-driven security

TOMORROW
People are the only perimeter

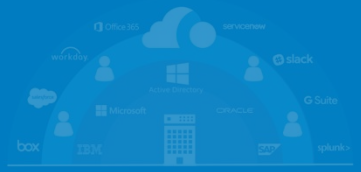
Zero Trust, Customer privacy

Workforce Identity

YESTERDAY

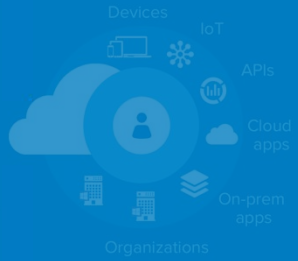
Identity was part of a stack

TODAY



Identity as an independent and neutral platform

TOMORROW



Okta as the universal platform

Customer Identity

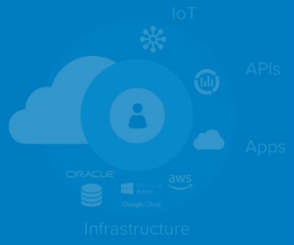
YESTERDAY

Build it yourself

TODAY

Identity as a microservice

TOMORROW



Okta as the identity standard

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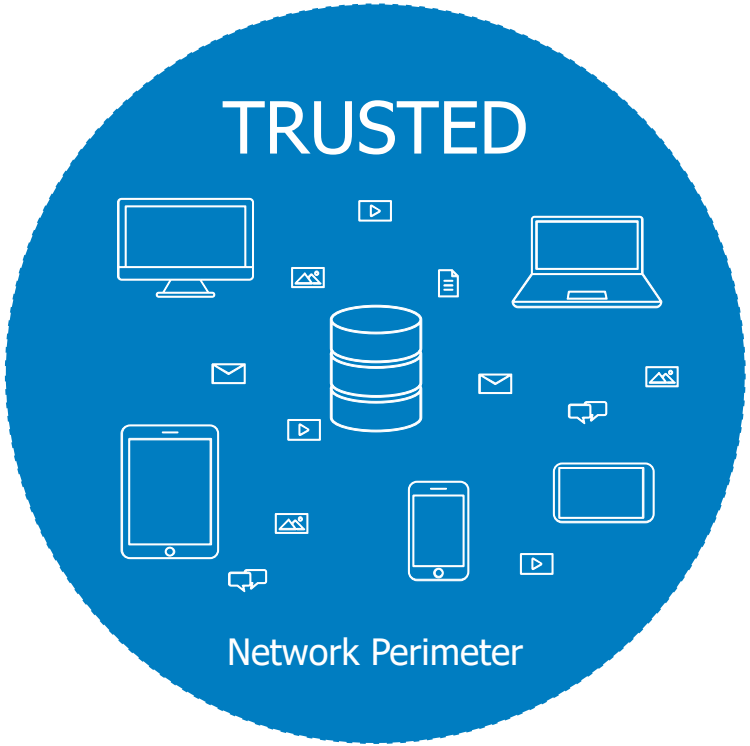
Zero Trust starts with a change in philosophy



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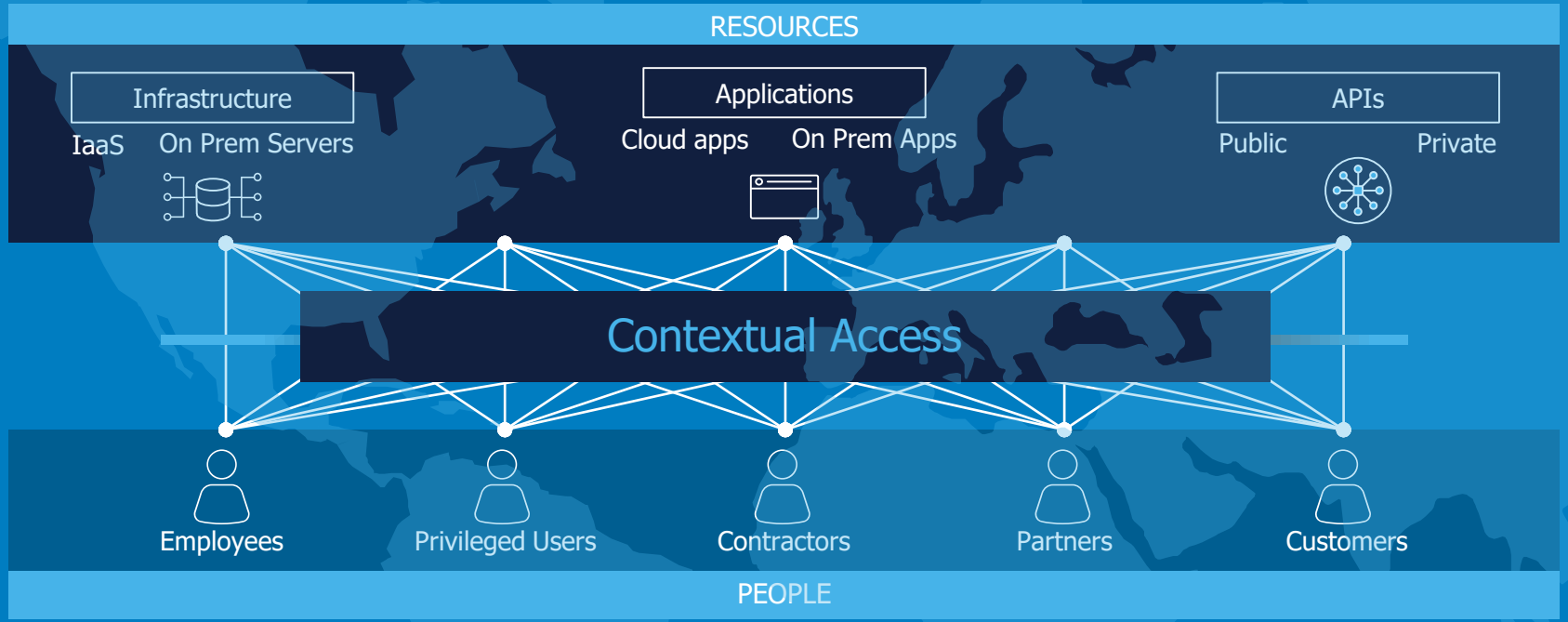
RESOURCES
Infrastructure
IaaS
On Prem Servers
Applications
Cloud apps
On Prem Apps
APIs
Public
Private
Contextual Access
Employees
Privileged Users
Contractors
Partners
Customers
PEOPLE

Identity Is The New
Perimeter

Credentials Are The Target

of data breaches involve stolen/weak credentials

Source: 2019 Verizon Data Breach Investigations Report

of phishing attacks target credentials

Source: 2016 Verizon Data Breach Investigations Report

of people reuse same passwords

Source: Ponemon 2019 State of Password and Authentication Security Behaviors Report

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Credentials Are The Target

Attackers Don’t Need To Hack In – They Just Log In

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Contextual Access

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Zero Trust Access

The

right people

have the

right level of access

to the

right resources

in the

right context

that is

assessed continuously

Least Friction Possible

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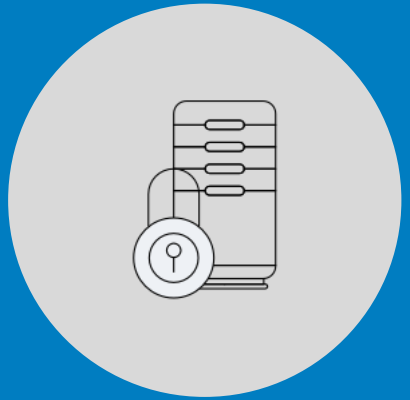
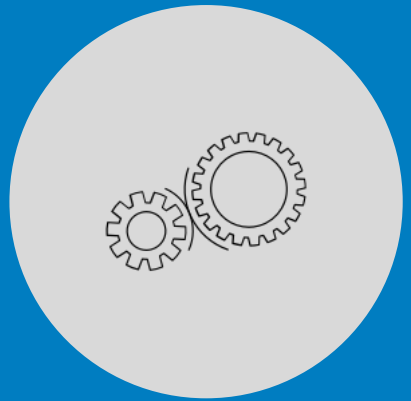
Three Fundamental Properties

Perimeterless Design



Context Awareness



Dynamic Access Control

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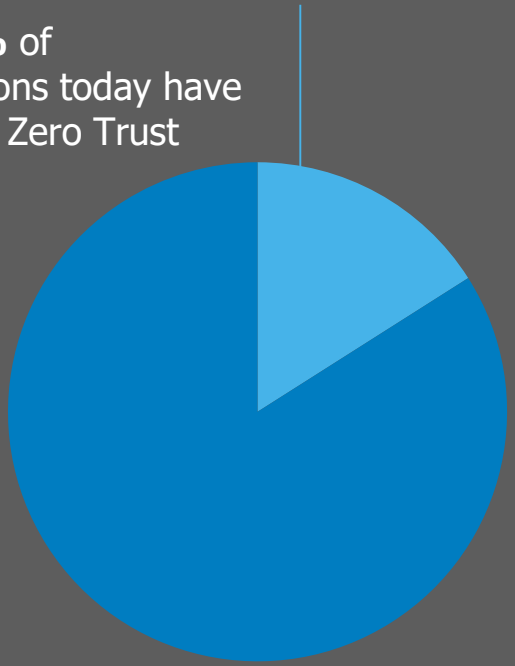
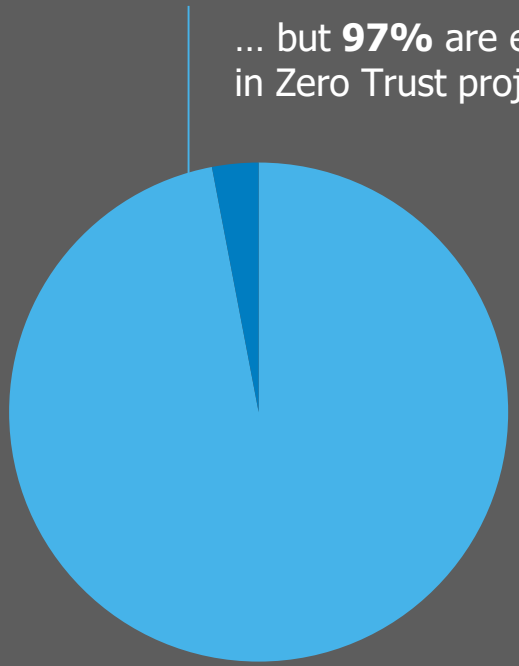
Adopting Zero Trust

Beyond the Buzzword: Security Leaders Today

Only **16%** of organizations today have an explicit Zero Trust strategy



… but **97%** are engaged in Zero Trust projects



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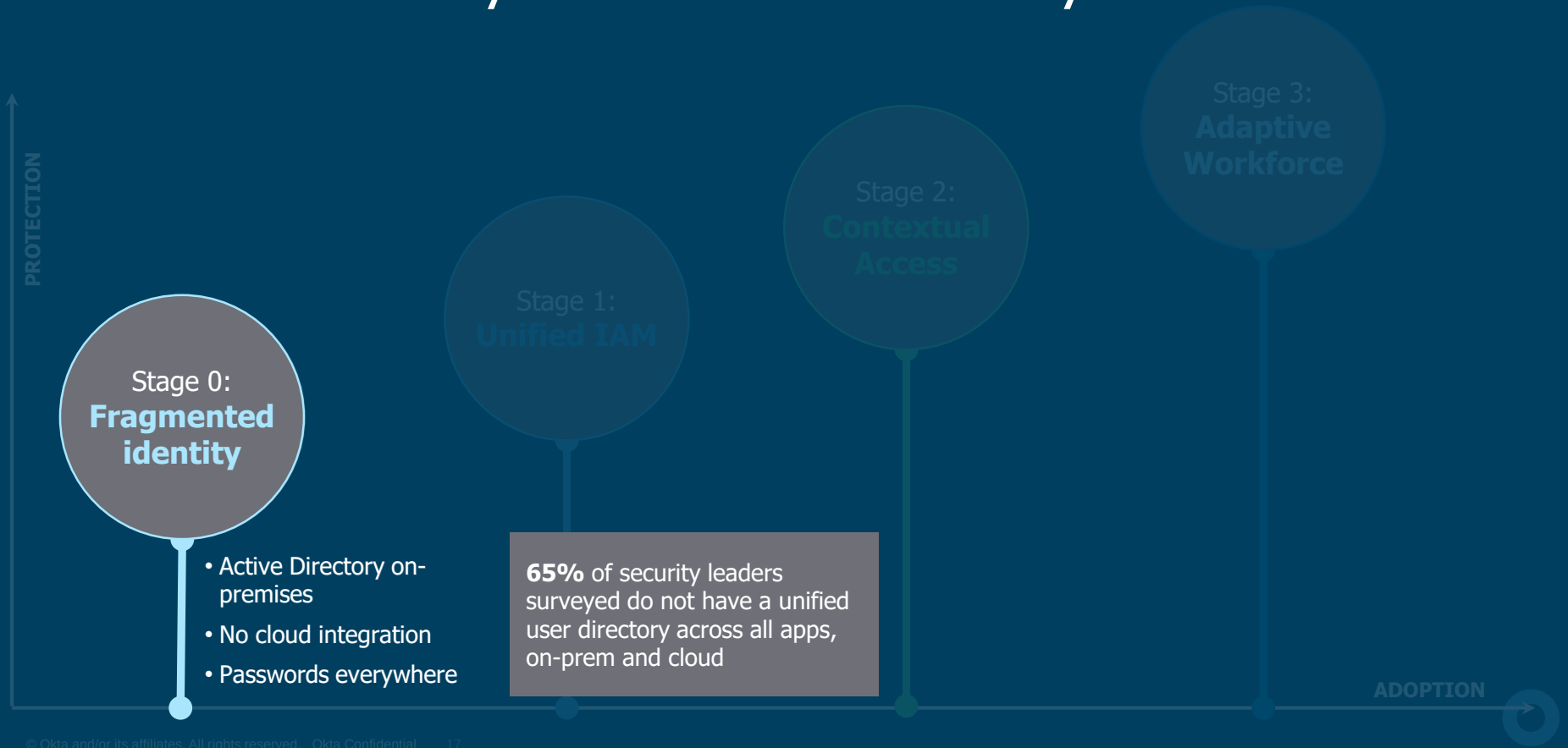
Identity and Access Maturity Curve



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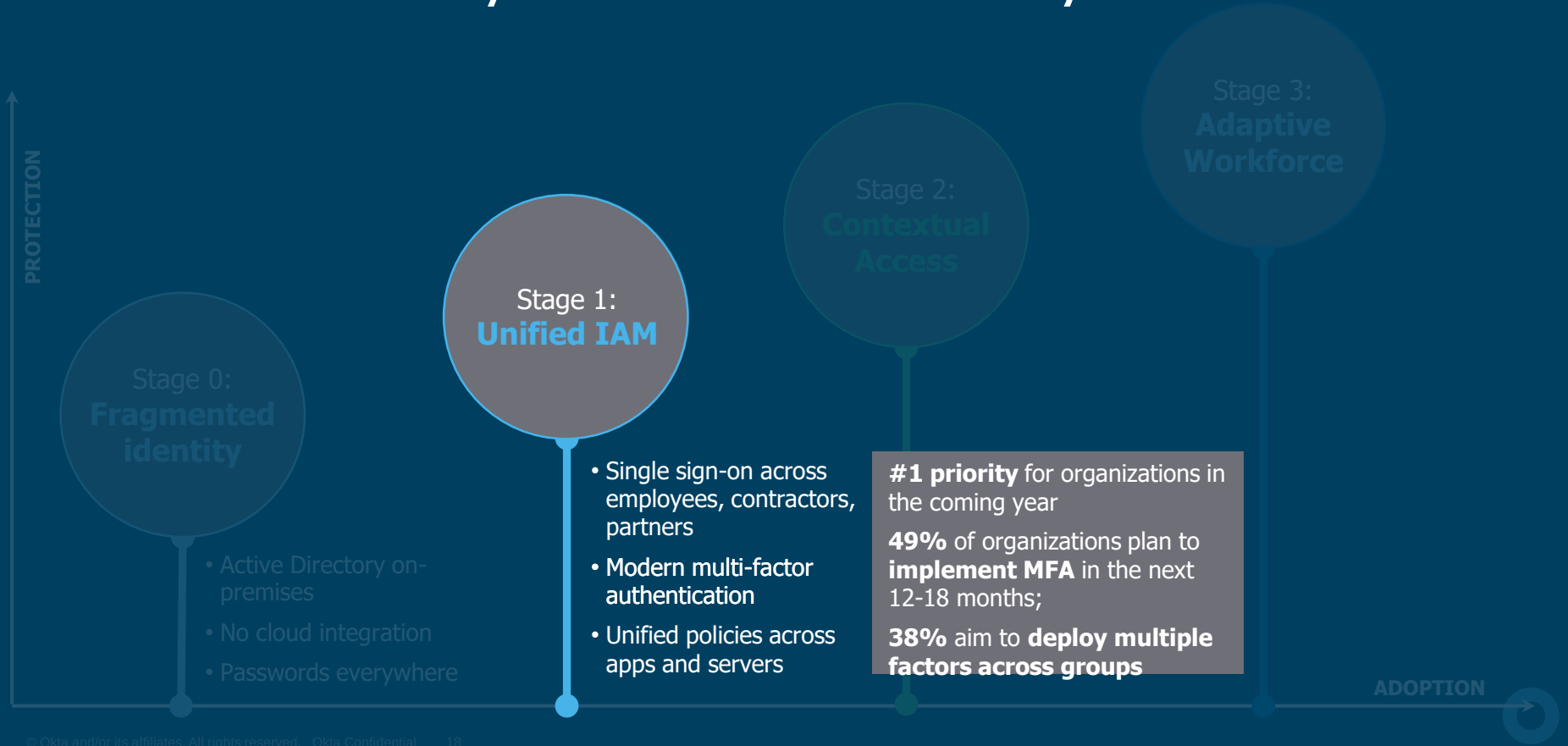
Identity and Access Maturity Curve



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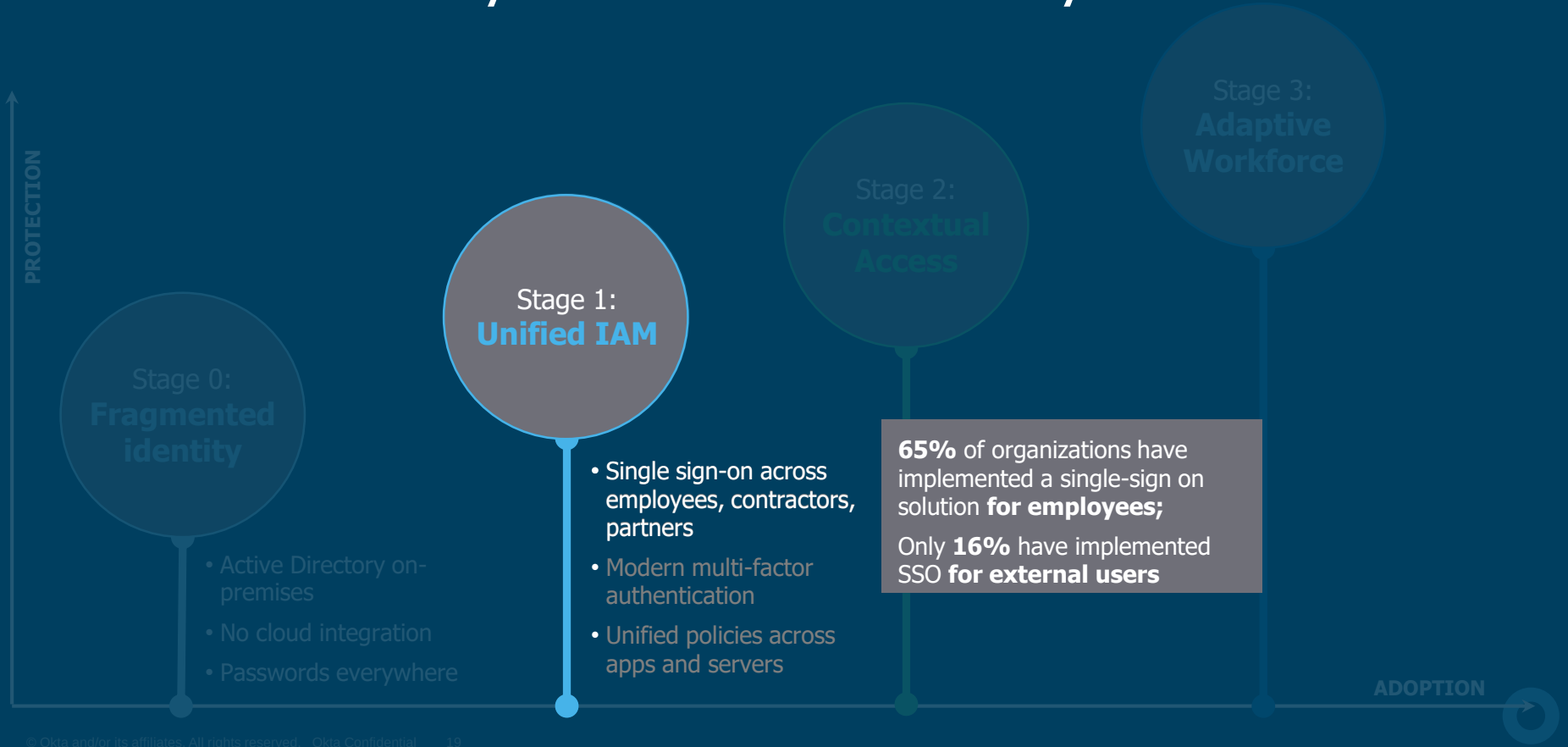
Identity and Access Maturity Curve



65% of organizations have implemented a single-sign on solution **for employees;**

Only **16%** have implemented SSO **for external users**

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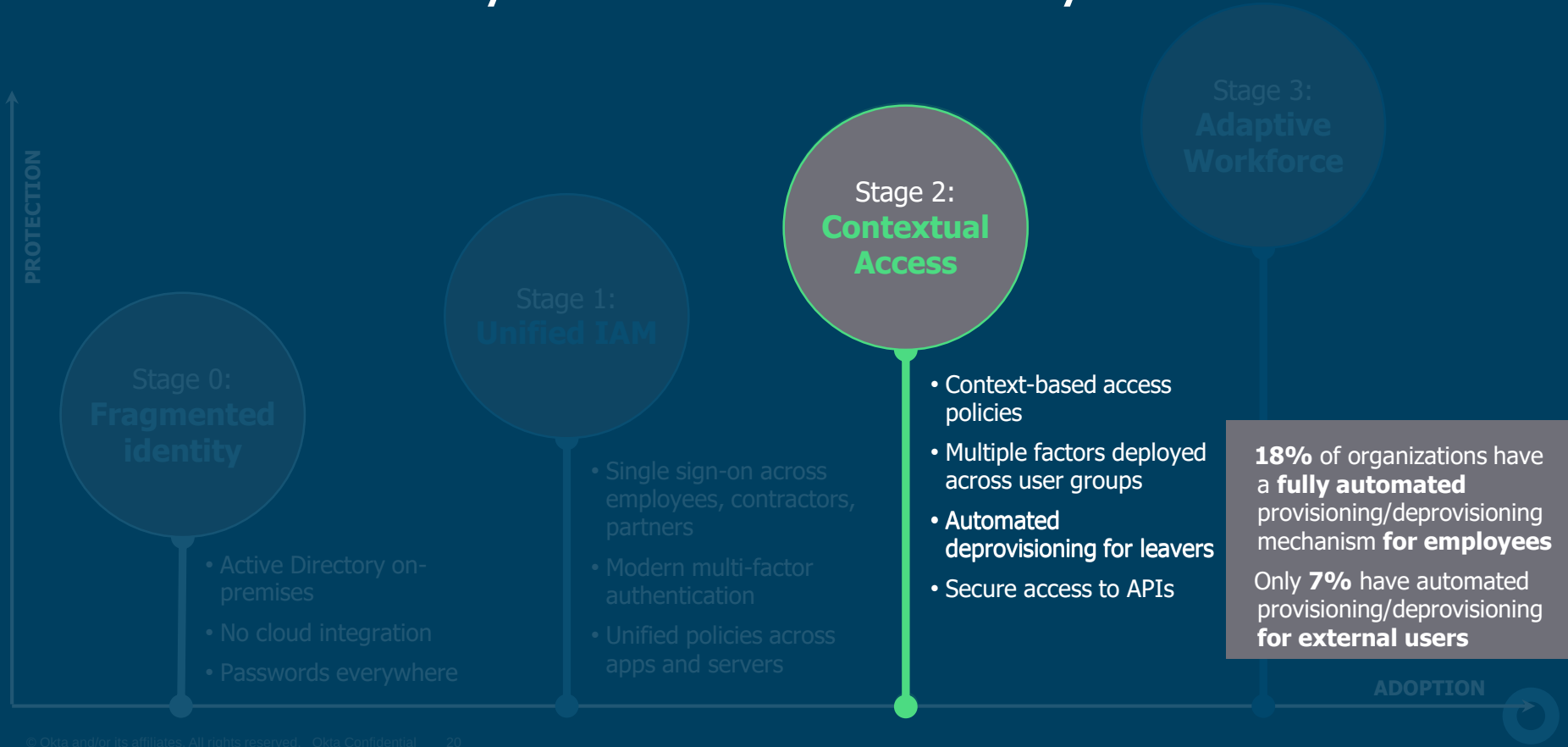
Identity and Access Maturity Curve



18% of organizations have a **fully automated** provisioning/deprovisioning mechanism **for employees**

Only **7%** have automated provisioning/deprovisioning **for external users**

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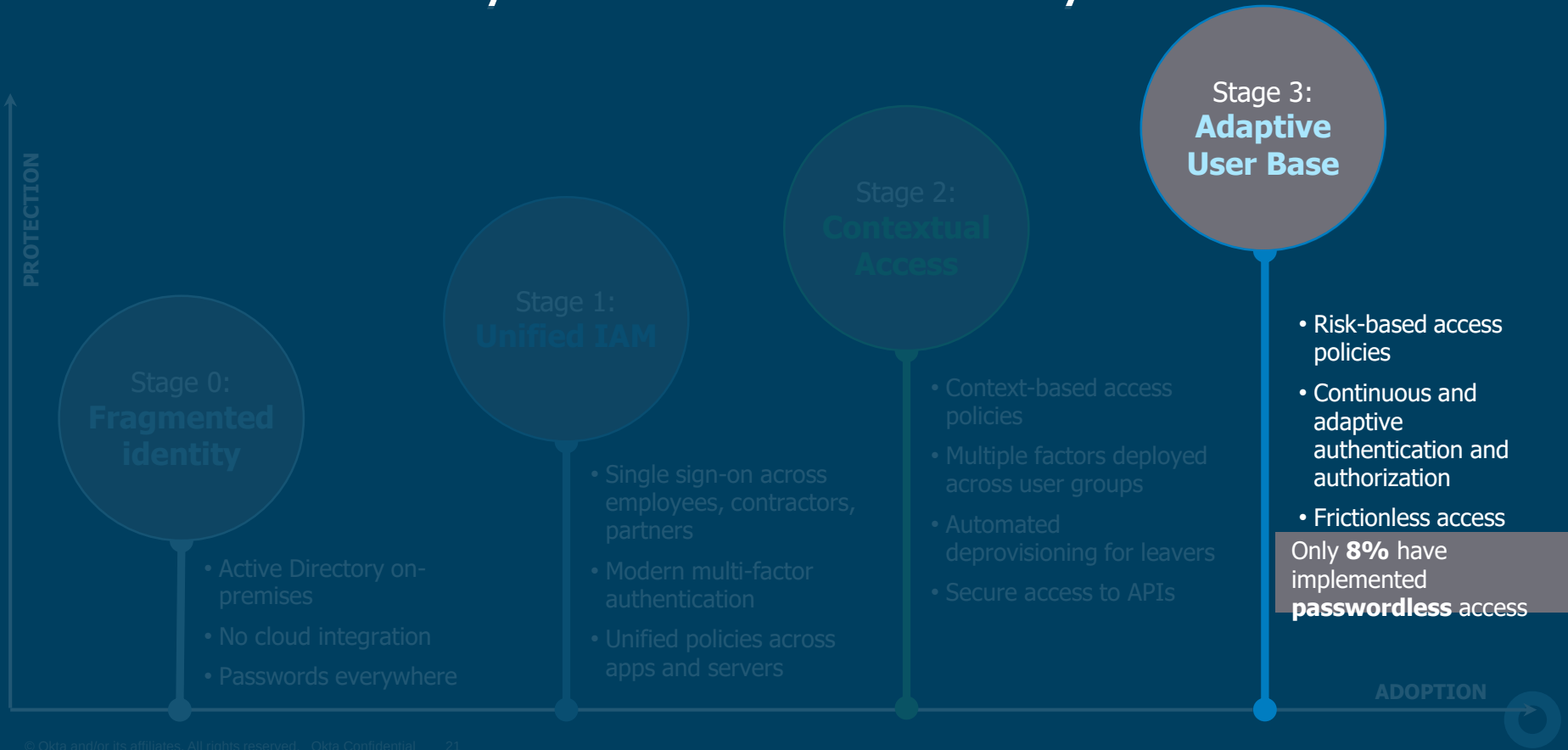
Identity and Access Maturity Curve



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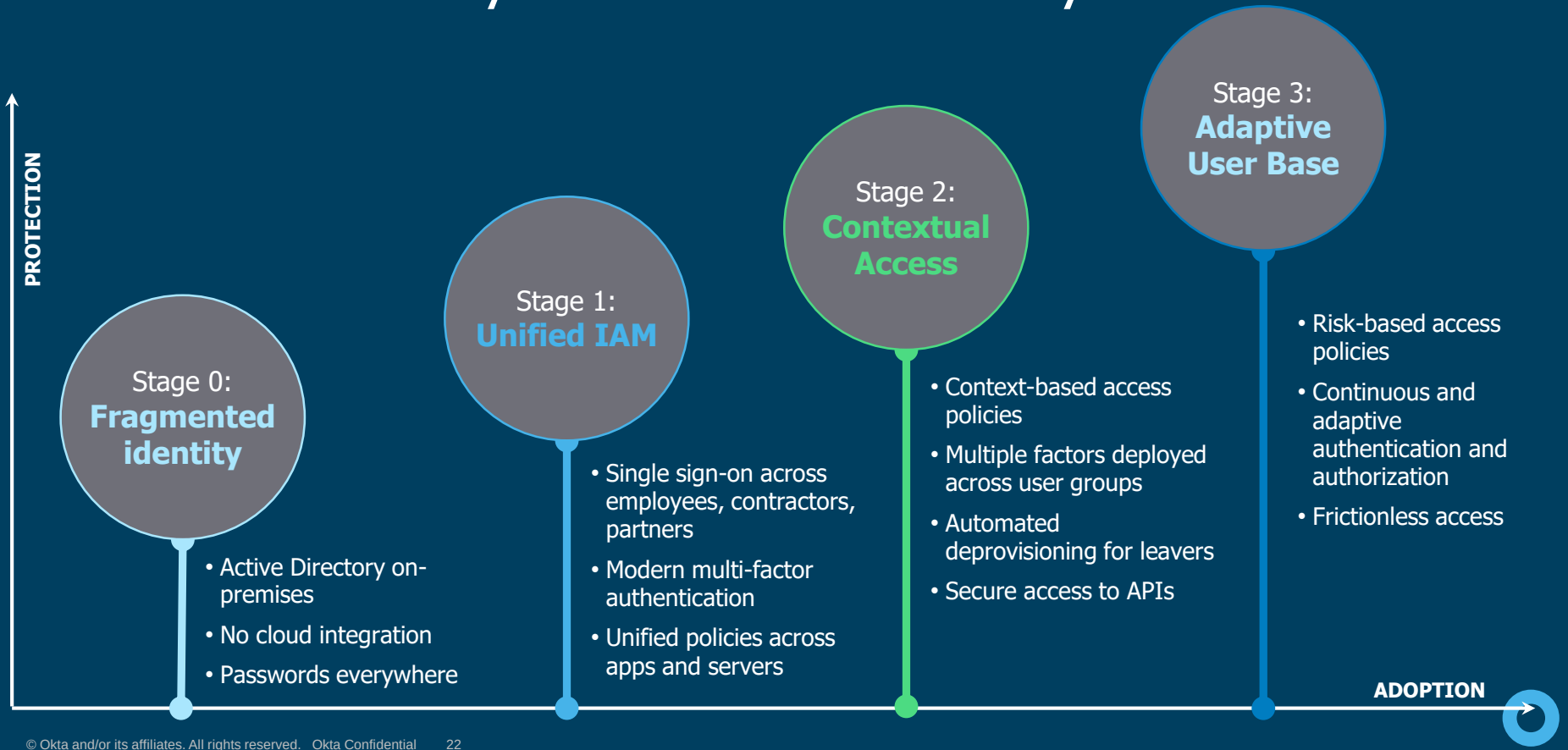
Identity and Access Maturity Curve



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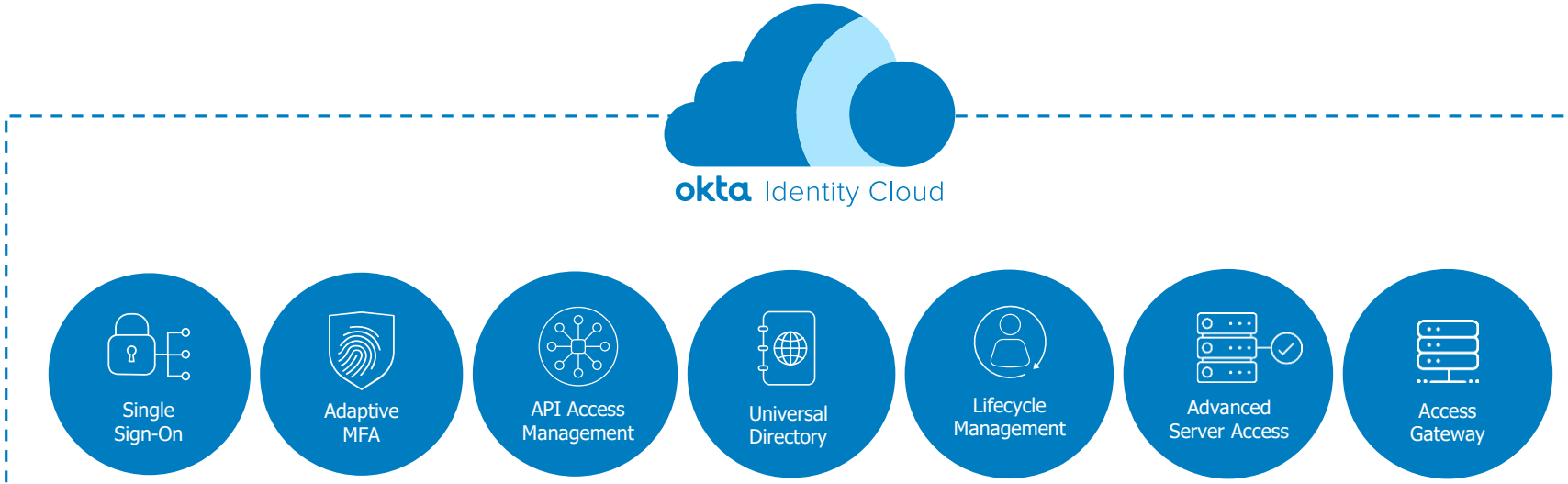

WORKFORCE IDENTITY PRODUCTS

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Questions?