



Securing the New Normal

SaaS, Cloud, IoT, IAM

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✓ Technology Evolves



✓ Architecture and Security
Go Hand-in-Hand



✓ Threats Grow

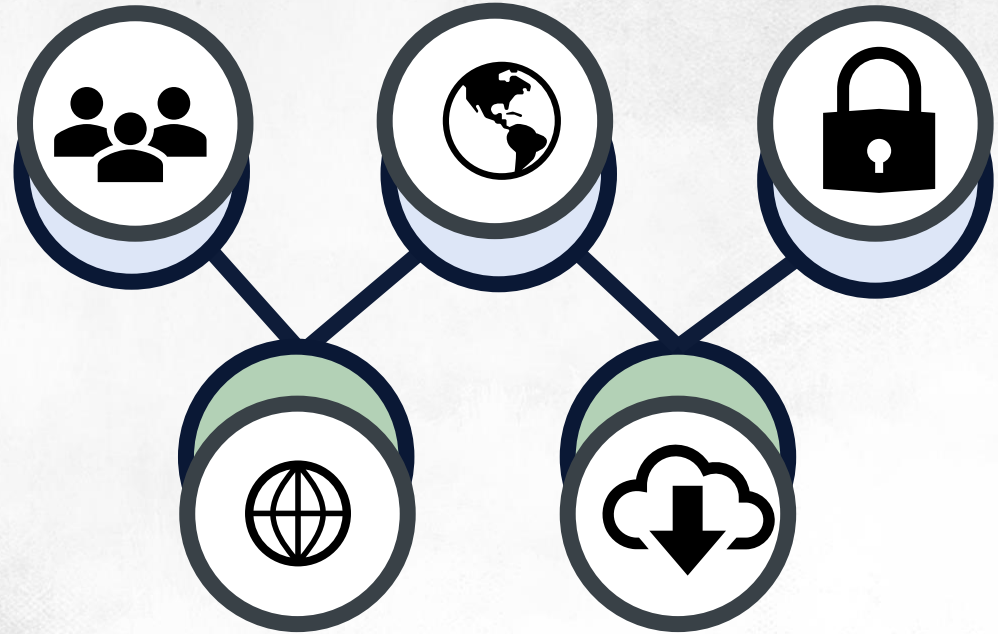


✓ Security is a BIG Deal



Identity Management IoT Connectivity Access Management

What's Similar?



SaaS
Applications

Cloud
Applications

Purpose

1

Identify
Exposure in
These Areas

2

Processes/
Technologies
to Control
Risks

3

Demonstrate
You Are
Protected

CHALLENGE



Cloud is
Everywhere



User
Experience



Data Loss
Prevention



Mobility

Many Business
Problems



Cloud/SaaS

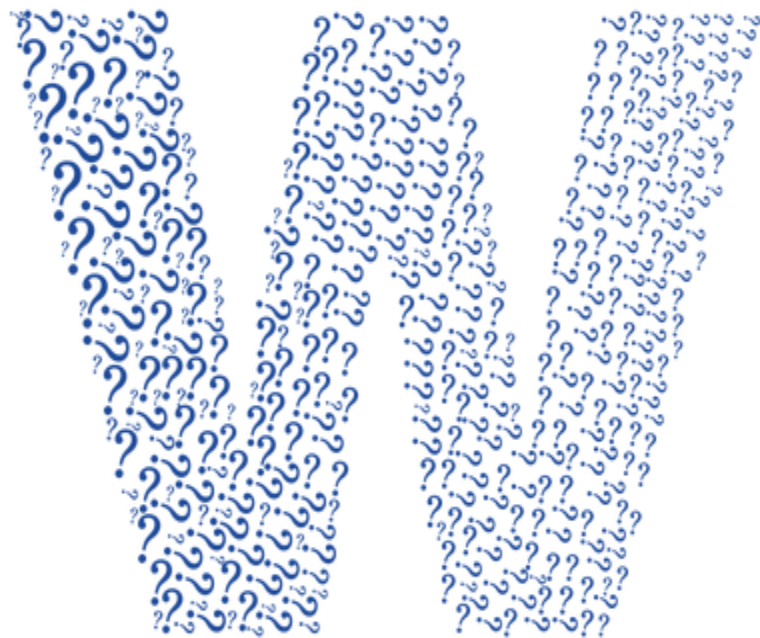
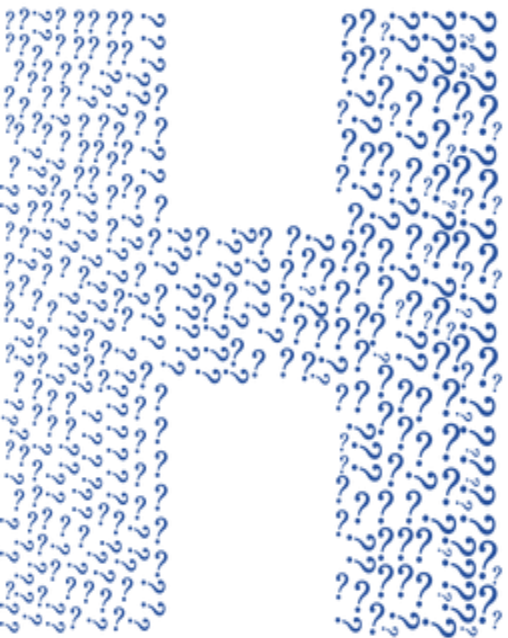
- Risks with vendor
- Reduced visibility
- Easier to access
- Availability
- Data separation

IoT

- Lack of control
- Insufficient Due Diligence
- Security is not a priority
- Many points of entry

IAM

- Account hijacking
- Unauthorized access
- Data loss protection
- Increased complexity
- Trust/federation risks



“Blinky Things” to Control Risk

CASB

MFA

Automation

Integration
(APIs)

Monitoring

Processes to Control Risk

**Governance:
Data and
Identity**

**Architectural
Standards**

**Vendor
Security
Reviews**

**Compliance
Audits**

**Data
Inventories**

**Provisioning/
Deprovisioning**

Theories

The background features a dark blue gradient with numerous thin, glowing blue lines that swirl and radiate from a central point on the right side, creating a sense of motion and complexity. A single, thin, horizontal blue line extends from the left edge towards the center, ending near the main cluster of light trails.

(or clever sales tactics)

IDENTITY

The New Perimeter Against Attack





1.4B

Data Records
Compromised

91%

of phishing attacks
target credentials

81%

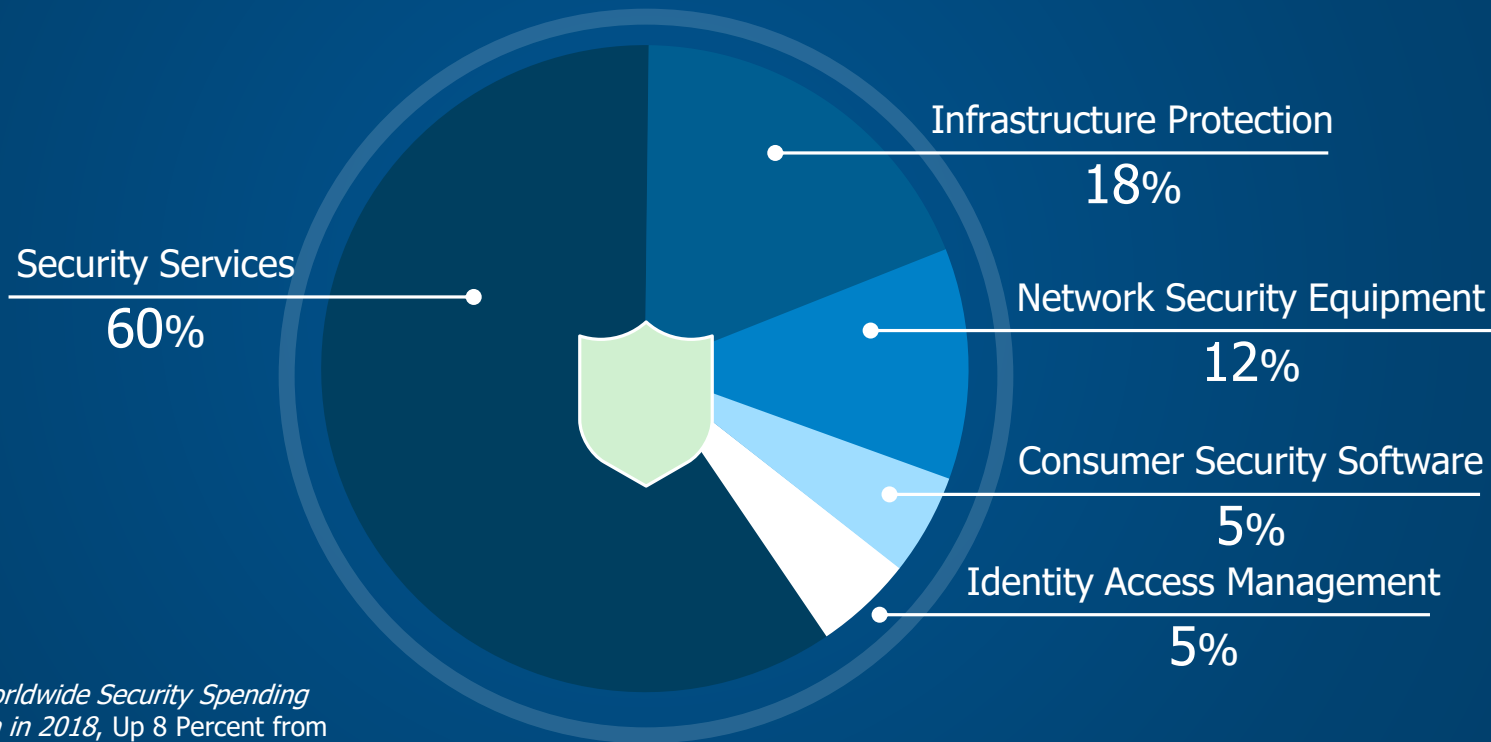
of data breaches involve
stolen/weak credentials

73%

of passwords
are duplicates

Security Spend Isn't Aligned with Risk

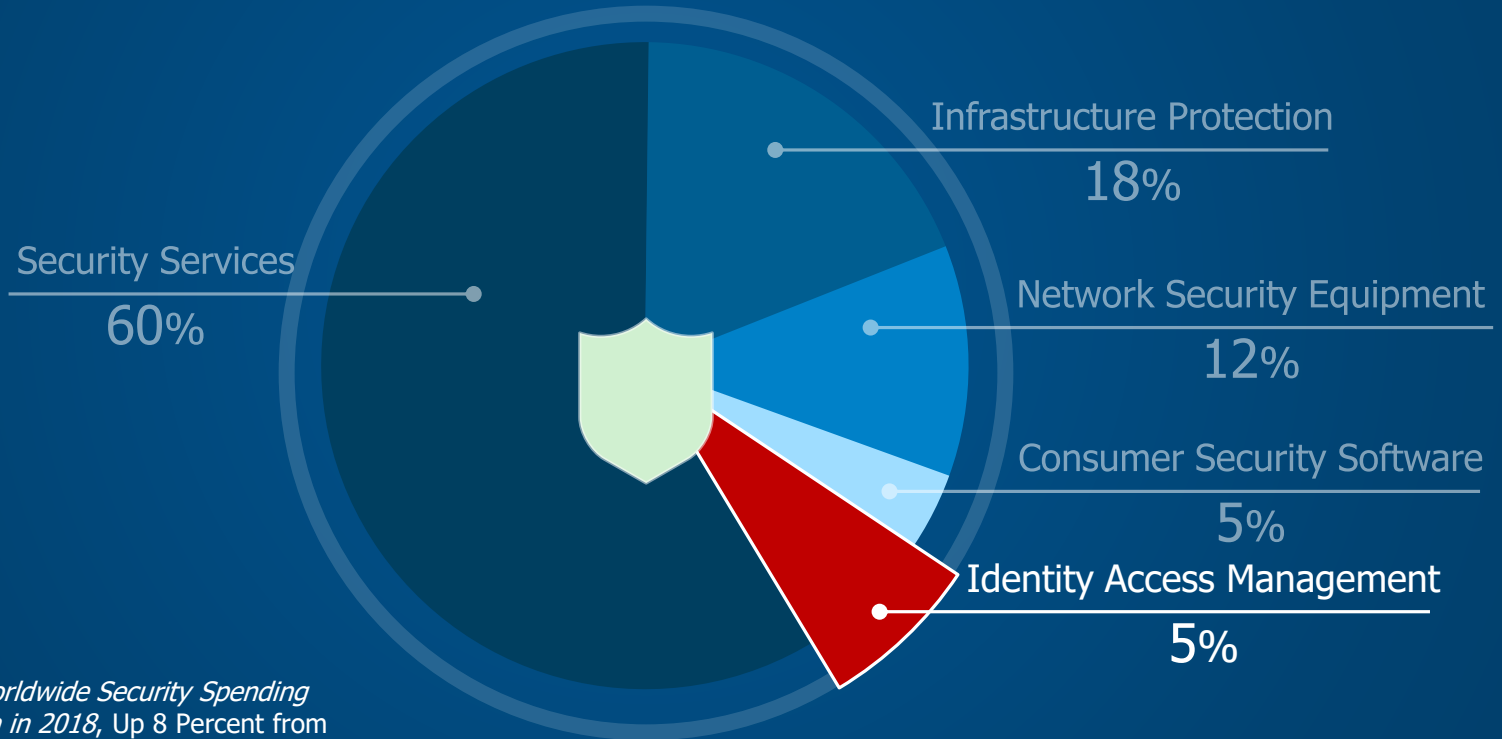
Worldwide Security Spend 2018



Gartner Forecasts Worldwide Security Spending Will Reach \$96 Billion in 2018, Up 8 Percent from 2017, Egham, UK, December 7, 2017

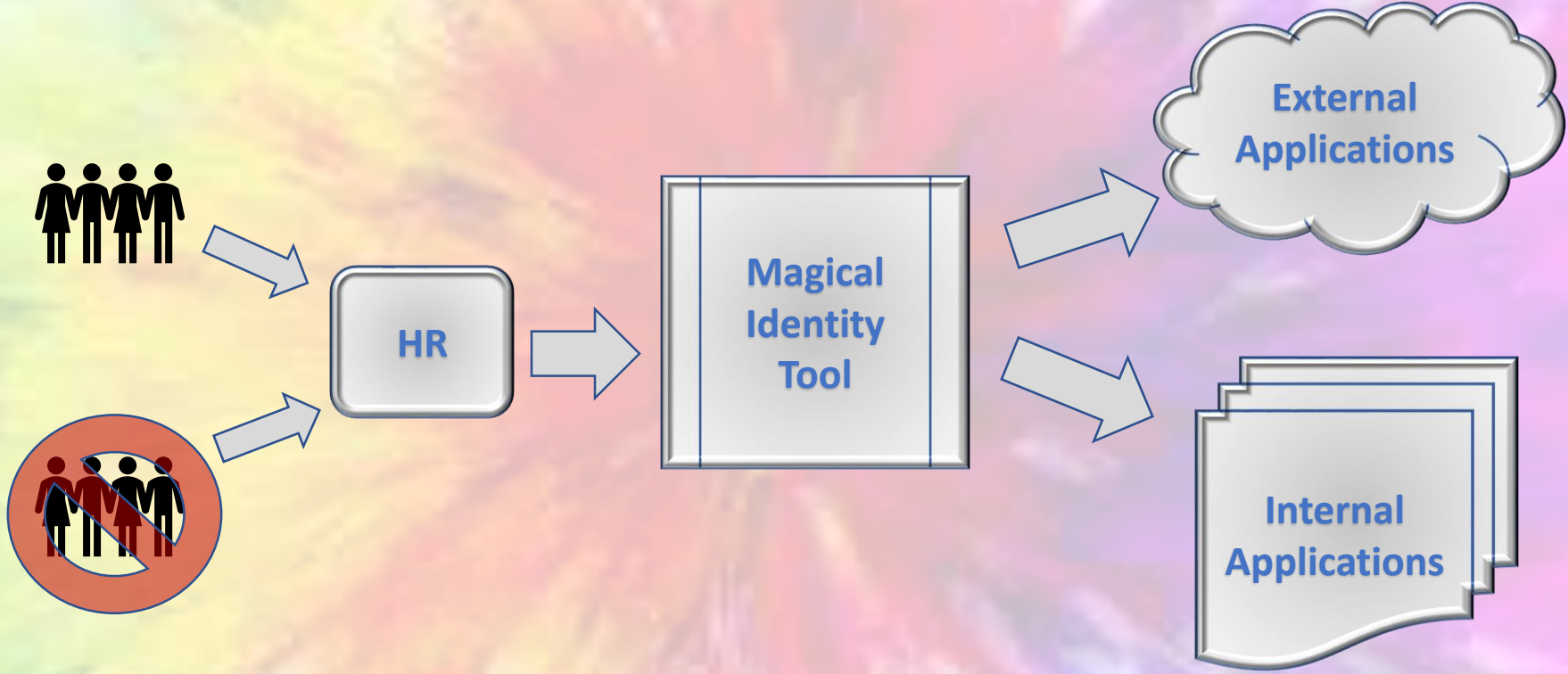
Security Spend Isn't Aligned with Risk

81% of Breaches Are Due to Weak or Stolen Credentials



Gartner Forecasts Worldwide Security Spending Will Reach \$96 Billion in 2018, Up 8 Percent from 2017, Egham, UK, December 7, 2017

The promise of the “Big Bang”





Data Mapping

**Authoritative
Sources**

Identity Governance

System Consolidation

Team Collaboration

Identity Paradigm Shift?

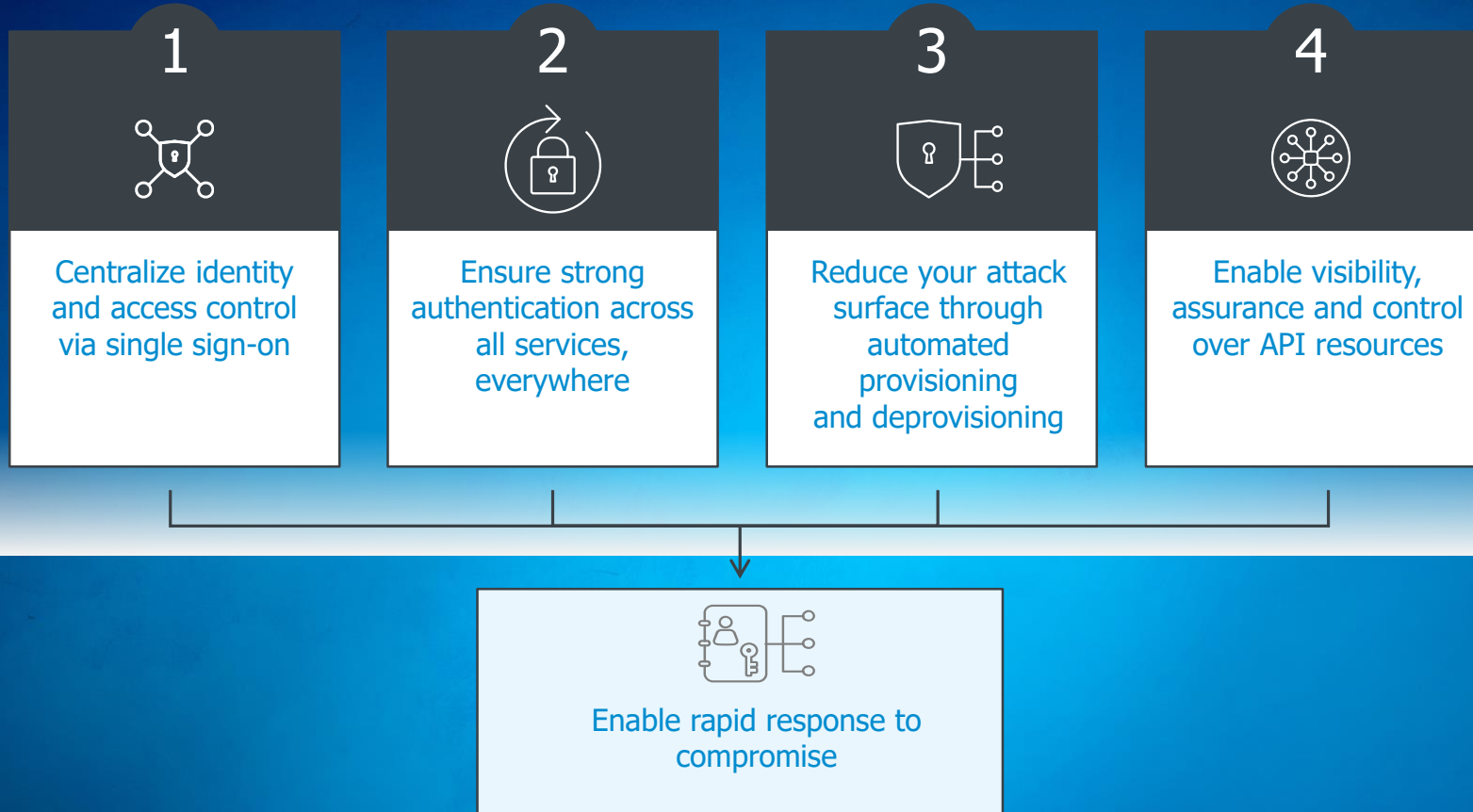


IDENTITY
is the lynchpin

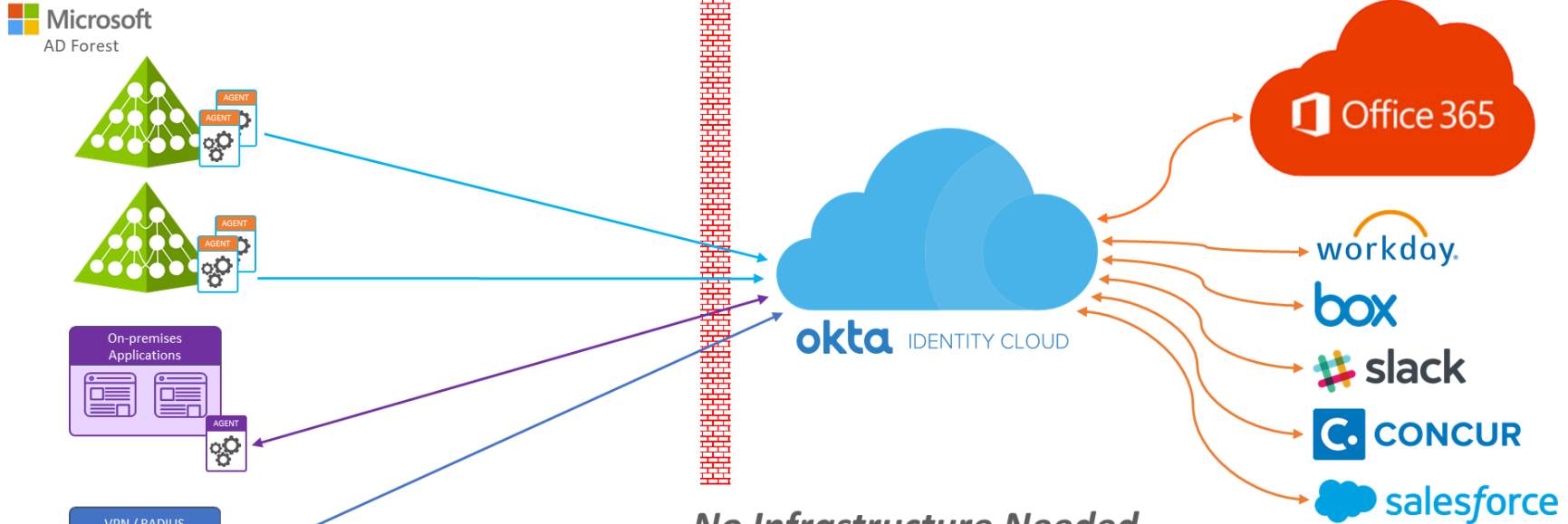
IDENTITY
drives security

IDENTITY
defines the
experience

An Approach.....



Okta: one cloud service, connects to everything



No Infrastructure Needed

Built-in Adaptive MFA

Built-in Lifecycle Management

Built-in Mobility Management

Pre-built integrations to over 5000 applications

Another Theory....

The background features a dark, gradient blue field. A prominent, bright blue horizontal line with a small white starburst at its left end extends from the left edge towards the center. On the right side, there is a complex, multi-colored (blue and white) light trail that resembles a starburst or a cluster of overlapping paths, with a bright yellow-green core.

(or clever sales tactic)

The background features a dark grey gradient with scattered white dust-like particles. Overlaid on this are several hand-drawn style scribbles: a large blue circular scribble at the top, a white circular scribble at the bottom, and a white triangular scribble on the right side. The text is centered and has a white-to-blue gradient.

Security OF the Cloud

VS

Security IN the Cloud

92.7%

of cloud services
contain risks

1,246

cloud services on average
in use at a company

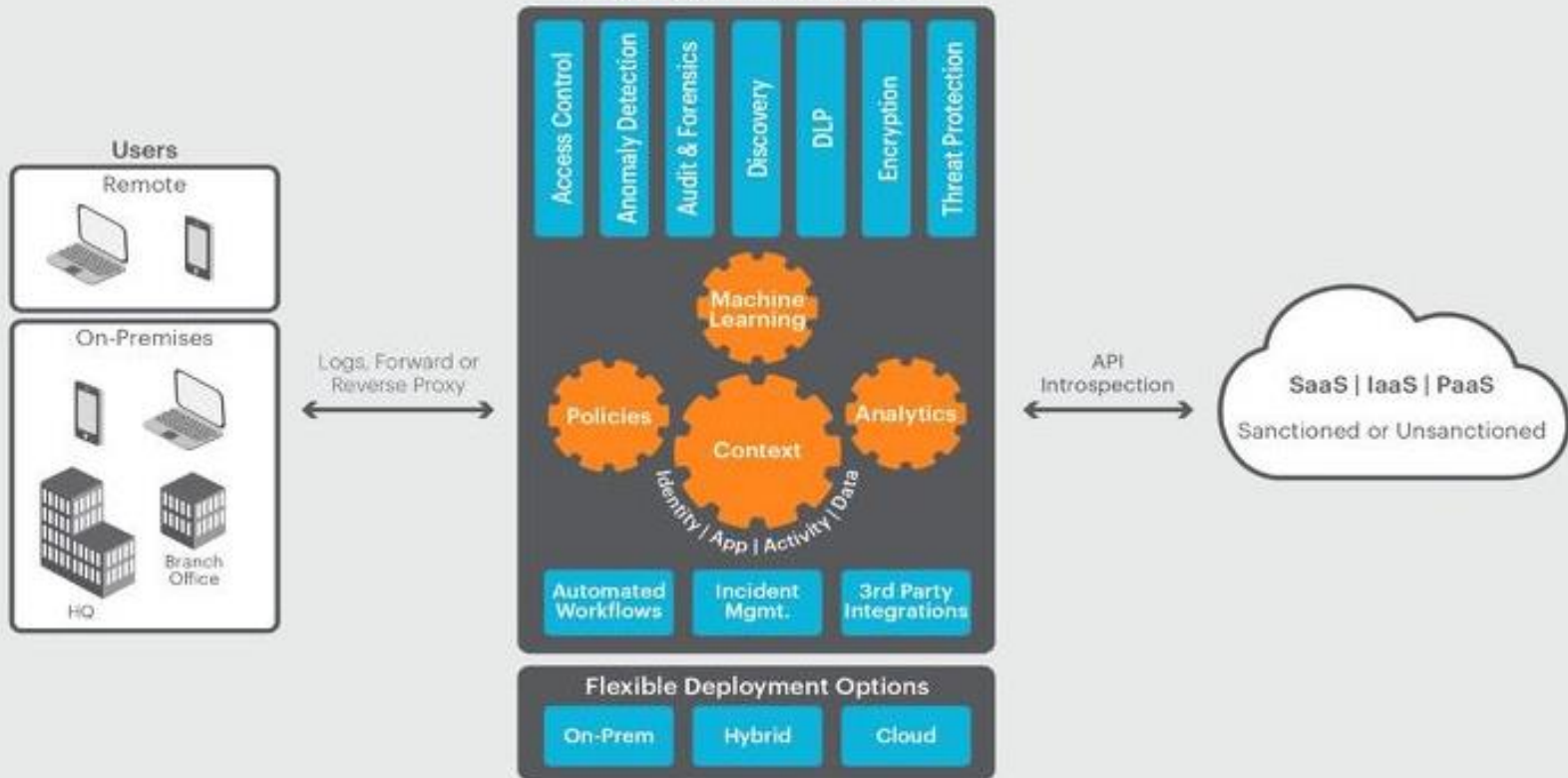
64.1%

of IaaS activity violations
were downloads

54%

of DLP violations
occur in cloud
storage services

Netskope Active Platform



Last 30 days



Type a query (e.g. site:ms.com)

App Categories

All Applications

App Admin Console

Application Suite

Asset Management

Big Data

Business Intelligence

Business Process Management

Call Center

Cloud Backup

Cloud Storage

Collaboration

Communications Services

Content and File Management

Consumer

1023

Applications Discovered

27482

User Count



Graph View

By Sessions

Linear

Logarithmic

 Baseline

Top 5

Top 10

Google Gmail

Microsoft Office 365

Box

1.16K

Sessions

0sec

Avg. Duration





Audience

**Levels
of
Metrics**

**Show
Progress**



**Embrace
the Future
of Cloud**

**Manage
Identities**

**Be Diligent
with IoT
Connections**

Things to Avoid



Don't
Over-
Trust

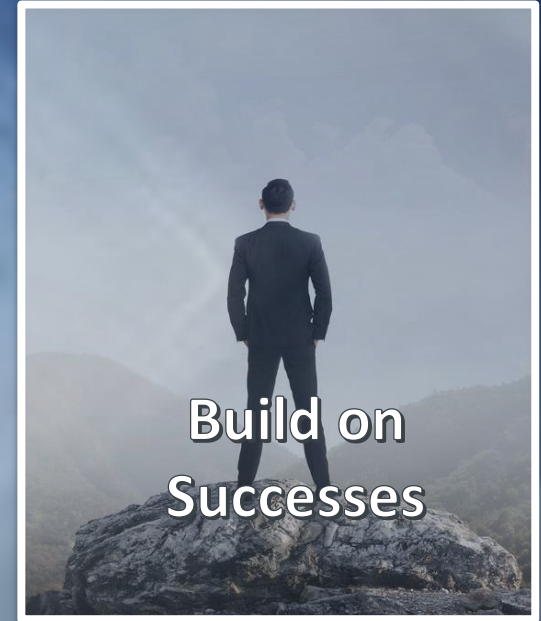
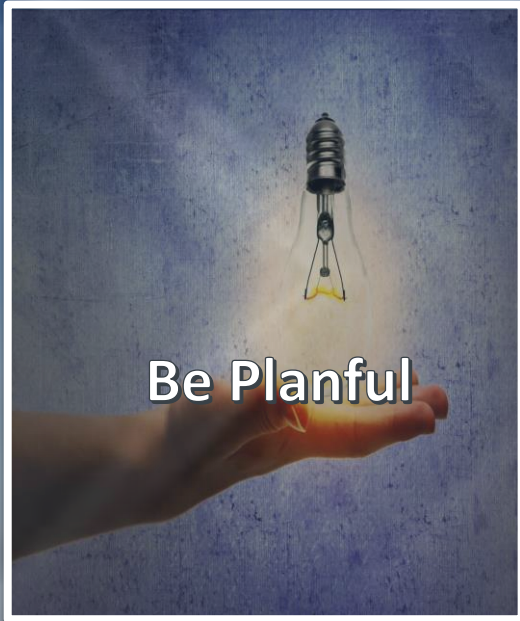


Don't
Depend
on Blinky
Things



Don't
Do it
Alone

Remember . . .





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