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IBM Verify

Affrontare la sfida della verifica delle identità
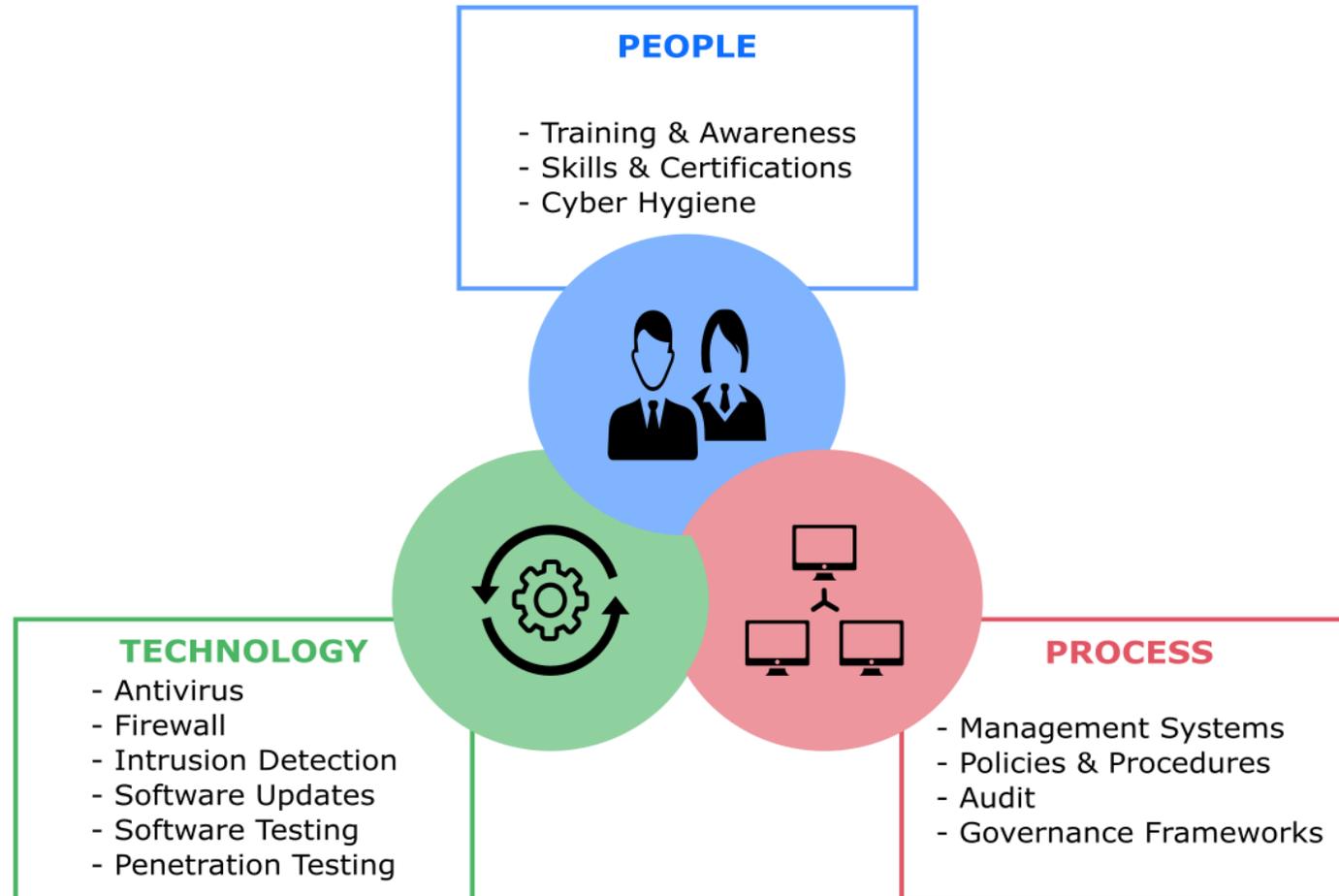
22 Novembre 2024

Webinar

Luca Di Muccio – Partner Specialist - IBM
Claudia Tagliacollo – Security Technical Specialist - IBM
Andrea Pezzoni – Security Presales Specialist – TD SYNNEX
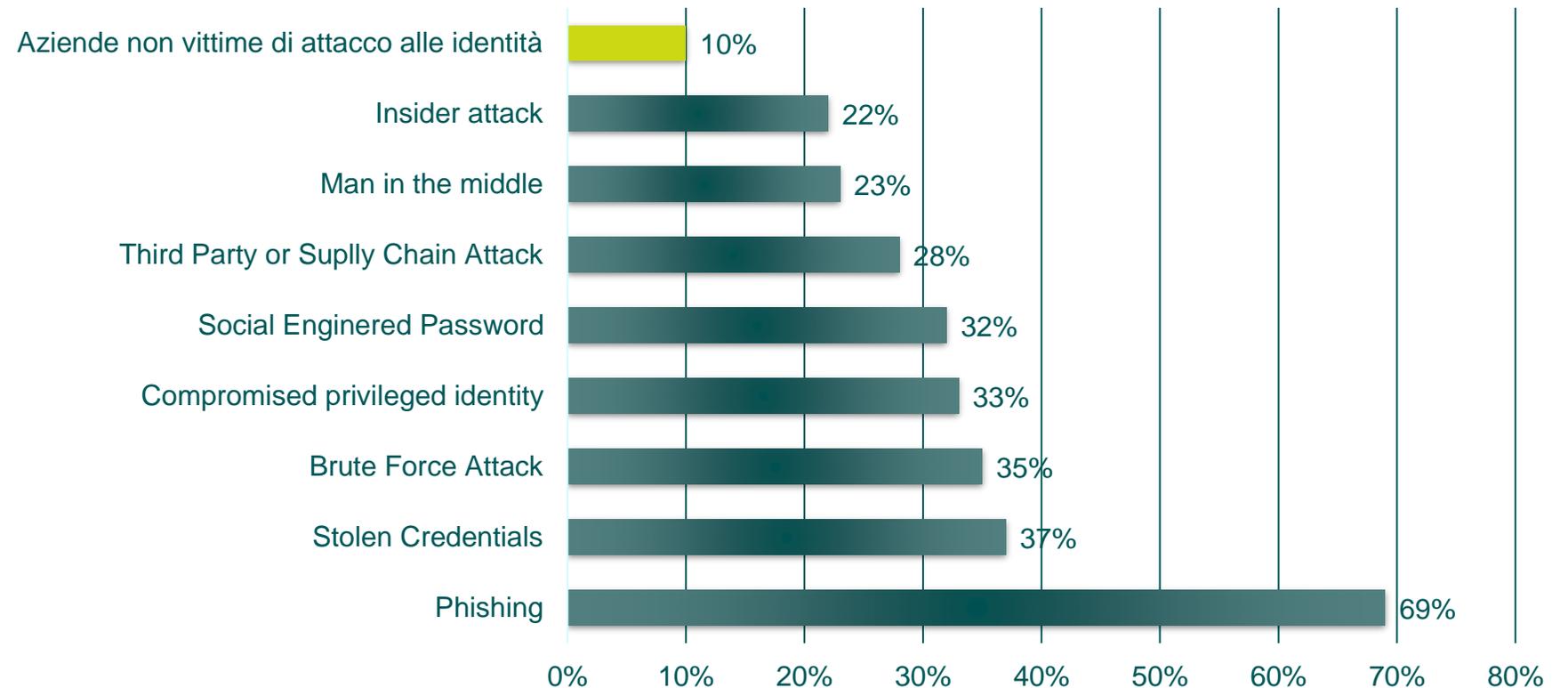
Gestione delle identità

4,88 M $

Il costo medio globale di una violazione dei dati nel 2024 è aumentato del 10% rispetto allo scorso anno ed è il più alto di sempre.

Fonte: IBM

## Tipi di attacchi alle identità subiti lo scorso anno

Tipo di attacco	Percentuale
Aziende non vittime di attacco alle identità	10%
Insider attack	22%
Man in the middle	23%
Third Party or Suplly Chain Attack	28%
Social Enginered Password	32%
Compromised privileged identity	33%
Brute Force Attack	35%
Stolen Credentials	37%
Phishing	69%

Fonte: IDSA Alliance

Password e violazioni

Password	Time to Crack	Utilizzo
123456	<1 second	3.018.050
123456789	<1 second	1.625.135
12345678	<1 second	884.740
password	<1 second	692.151
qwerty123	<1 second	642.638
qwerty1	<1 second	583.630
111111	<1 second	459,730
12345	<1 second	395.573
secret	<1 second	363.491
123123	<1 second	351.576
		Fonte NordVPN

Password Length	Numerical 0-9	Upper & Lower case a-Z	Numerical Upper & Lower case 0-9 a-Z	Numerical Upper & Lower case Special characters 0-9 a-Z %$
1	instantly	instantly	instantly	instantly
2	instantly	instantly	instantly	instantly
3	instantly	instantly	instantly	instantly
4	instantly	instantly	instantly	instantly
5	instantly	instantly	instantly	instantly
6	instantly	instantly	instantly	20 sec
7	instantly	2 sec	6 sec	49 min
8	instantly	1 min	6 min	5 days
9	instantly	1 hr	6 hr	2 years
10	instantly	3 days	15 days	330 years
11	instantly	138 days	3 years	50k years
12	2 sec	20 years	162 years	8m years
13	16 sec	1k years	10k years	1bn years
14	3 min	53k years	622k years	176bn years
15	26 min	3m years	39m years	27tn years
16	4 hr	143m years	2bn years	4qdn years
17	2 days	7bn years	148bn years	619qdn years
18	18 days	388bn years	9tn years	94qtn years
19	183 days	20tn years	570tn years	14sxn years
20	5 years	1qdn years	35qdn years	2sptn years
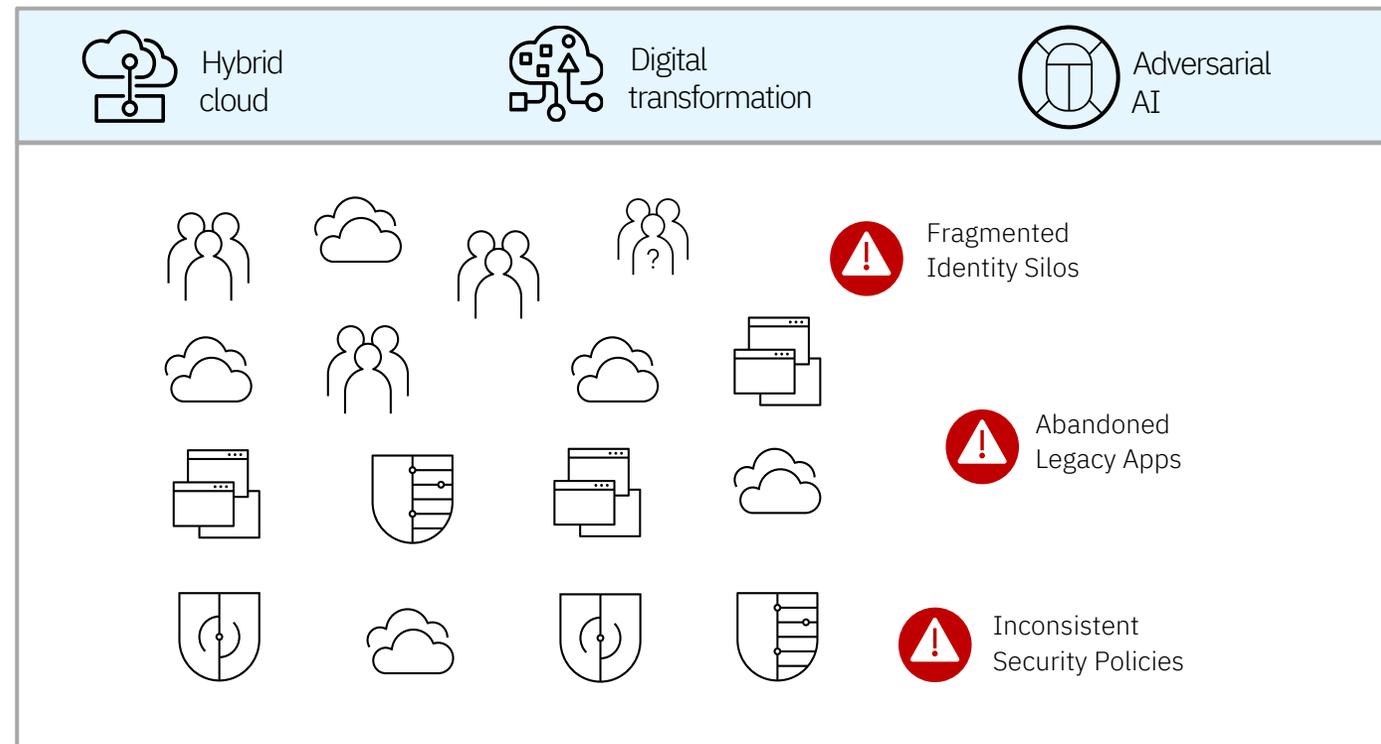
Hybrid Cloud e Identità

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Hybrid cloud adoption
Digital transformation

67% of enterprises will use three or more clouds

Fragmented Identity Directories

SSO
Single Sign On

Local Cloud Directory

Abandoned Legacy Apps

Modern SaaS Identity Solution

On Premise

Legacy Directory

Legacy Apps

New Modern Apps

Multifactor Authentication

Microsoft Azure

Modern SaaS Directory

Amazon Cloud

Inconsistent Security Policies

Risk Based Authentication

Legacy Identity Solution

Pre-Production Apps

Local Cloud Identity Solution

IBM Security

Gestione di Identity Fabric

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Identity Fabric Fundamentals

1. Orchestrate integration across existing identity solutions

2. Consolidate identity silos

3. Enable efficient risk-based authentication

4. Integrate legacy apps to modern authentication

5. Ensure proper governance across identities…

6. …including privileged users

7. Deliver actionable insights across identity posture and threats (Identity Protection = ITDR + ISPM)

Consolidated Directory

Modern SaaS Identity Solution

Modern Risk Based Authentication

Multi Factor Authentication

Microsoft Azure

New Modern Apps

Amazon Cloud

Modern Apps

Identity Protection (ITDR/ ISPM)

Application Gateway

Legacy Identity Solution

On Premise

Legacy Apps

Orchestration of User and Security Journeys
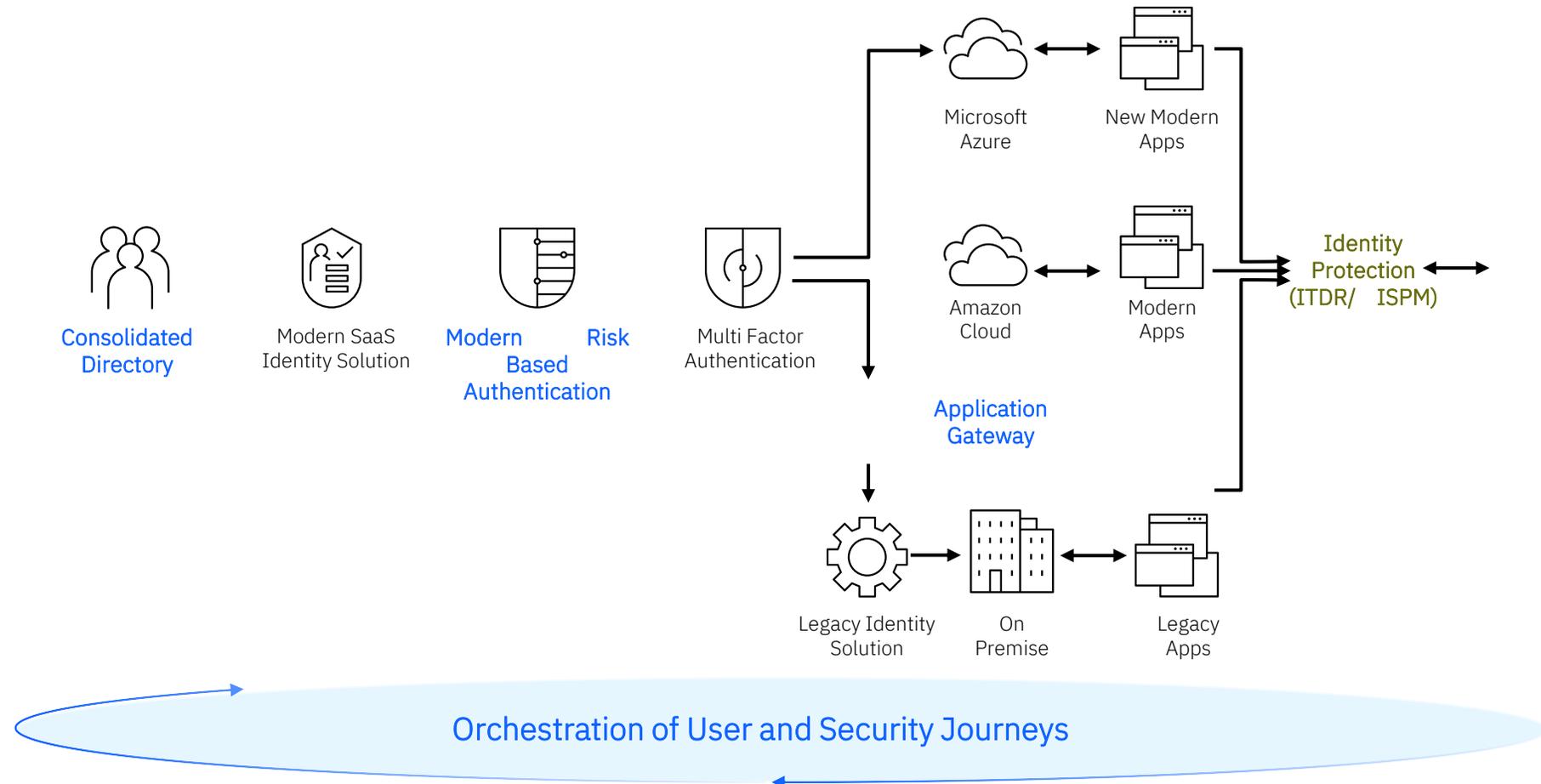
«Hackers don't break in, they login»

TD SYNNEX

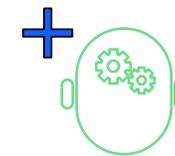Continuous identify security posture and threats detection

Discover
Security Blind Spots

Shadow assets, directories
Unauthorized local accounts
MFA bypass
Dormant service accounts
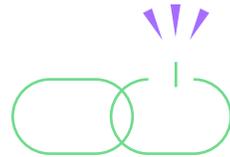
Expose
Infrastructure Gaps

Dangerous identities
Misconfigurations and
hazardous deviations from
security policy

Detect
Risky Activity

Identify exposures, threats and
attacks in real-time with
detailed contextual analysis

Protecting identity & identity systems across the *Identity Fabric* requires in-depth insights leveraging ITDR & ISPM methodologies

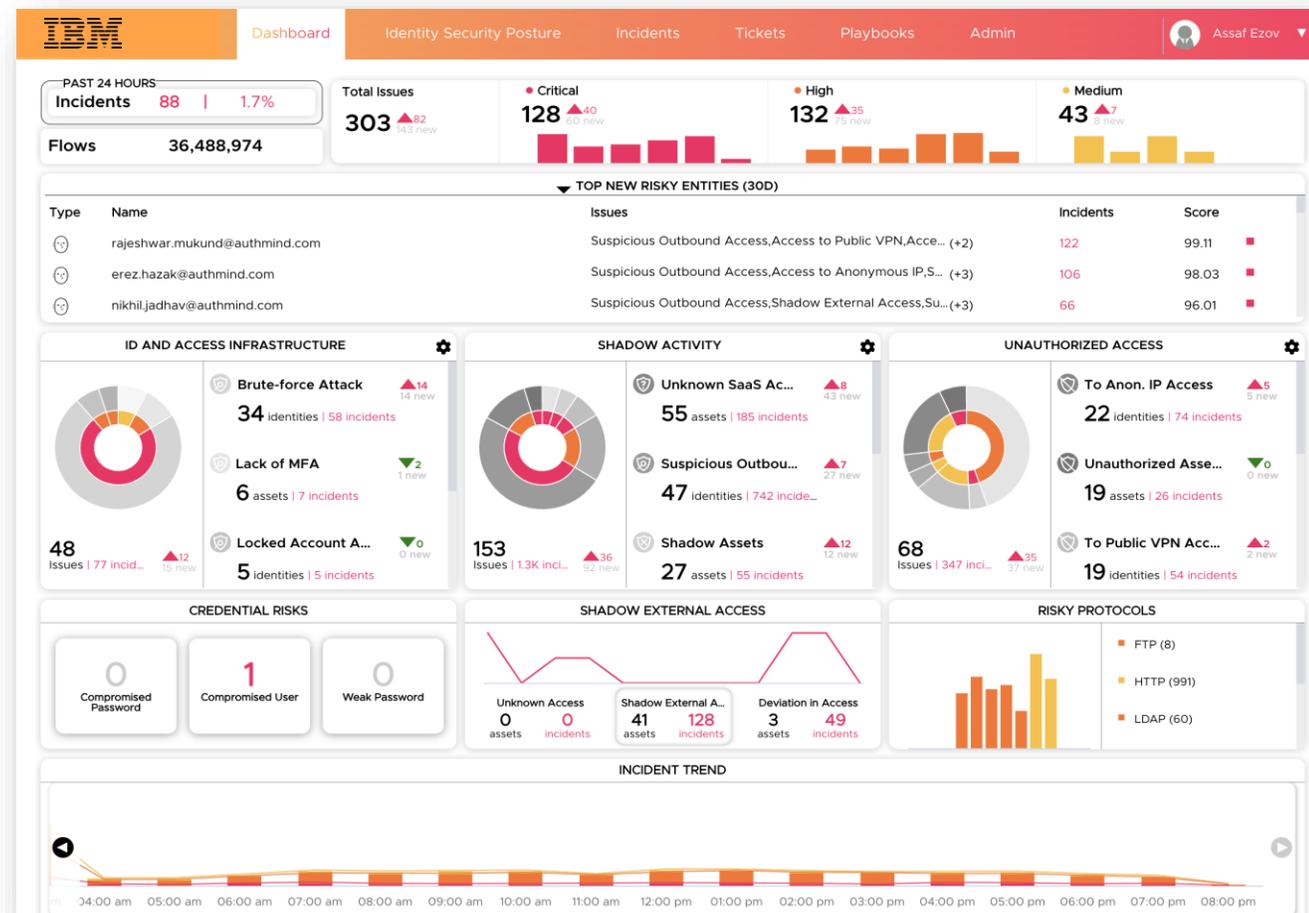# Easy to discover & quick to remediate

A cloud-based solution that helps efficiently **identify and remediate identity posture issues and threats** for managed and unmanaged identities across multiload, SaaS, and on-premises environments.
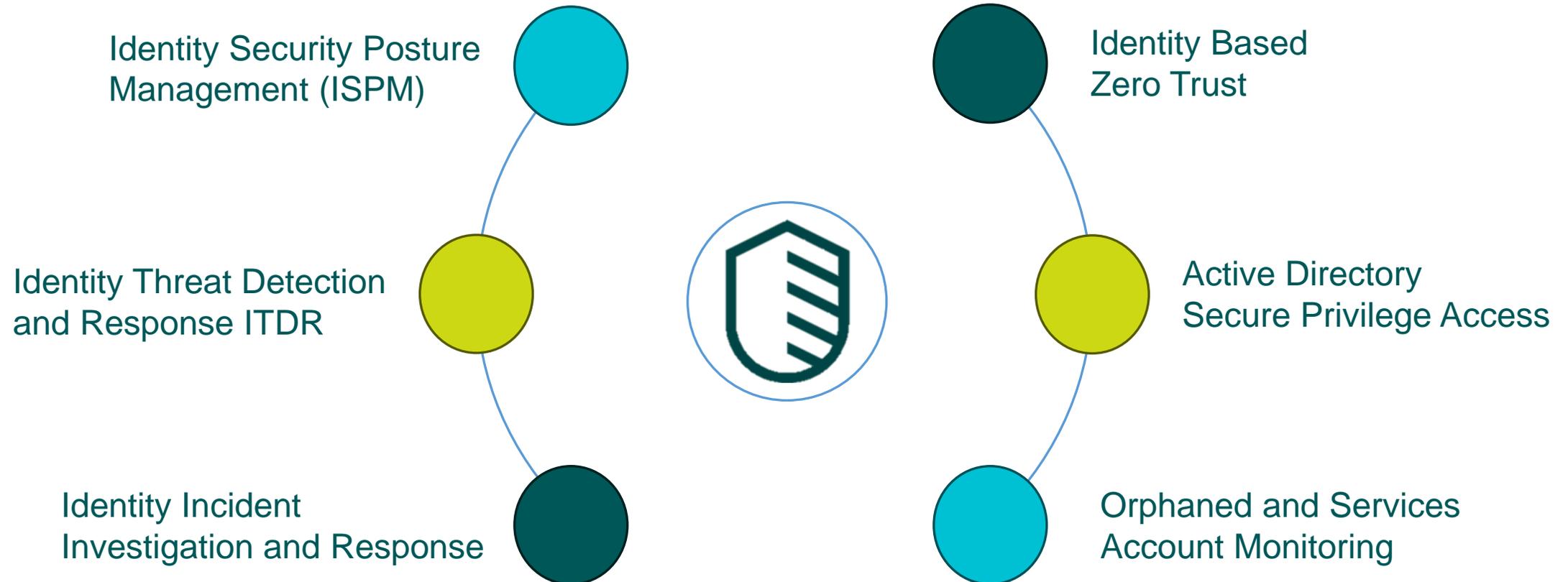
Over 70 detection logics

- Identity & Access Blind Spots
- Identity Infrastructure Exposures
- Risky Identity Accesses

Out-of-the-box connectors

- IBM Verify SaaS
- IBM Qradar

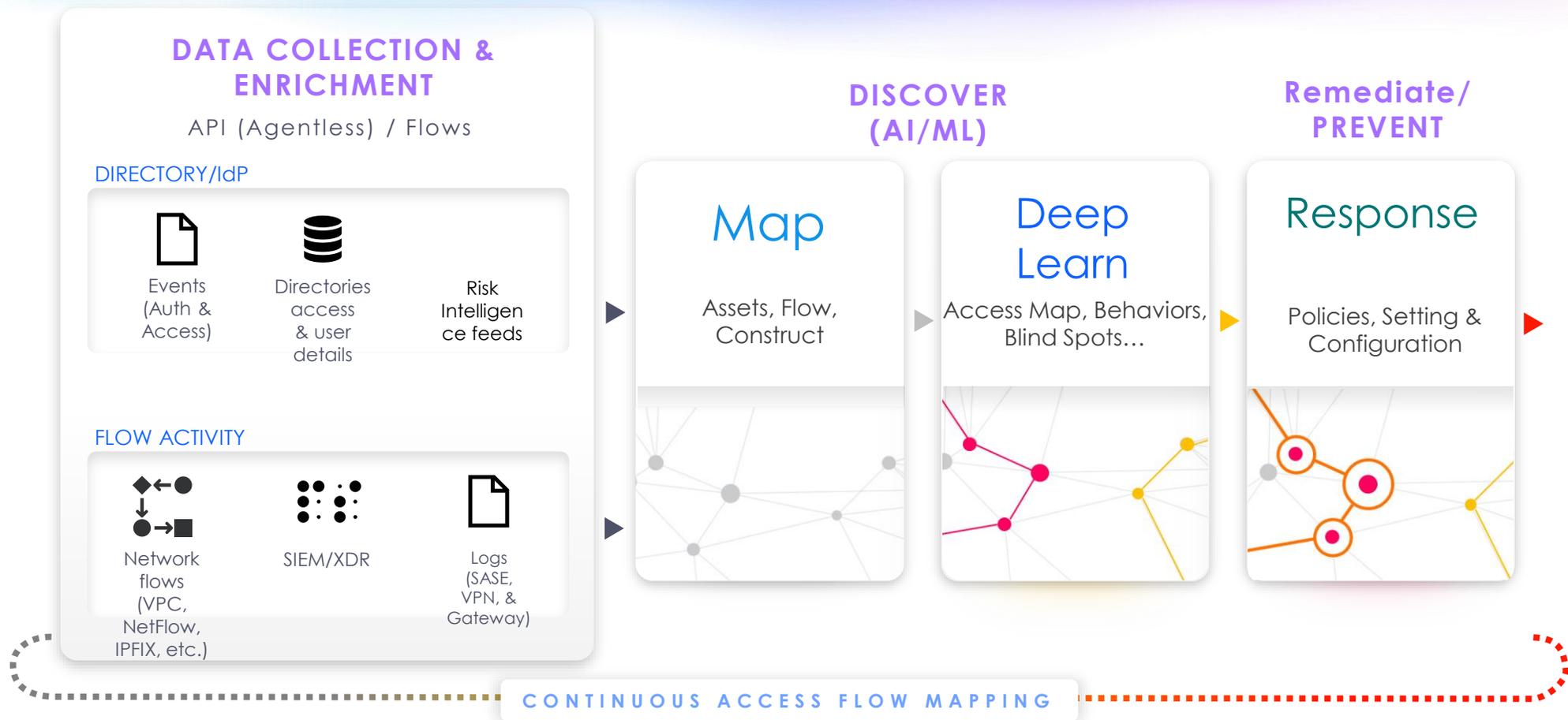+ other market leading SIEM and IAM solutions

Funzionalità

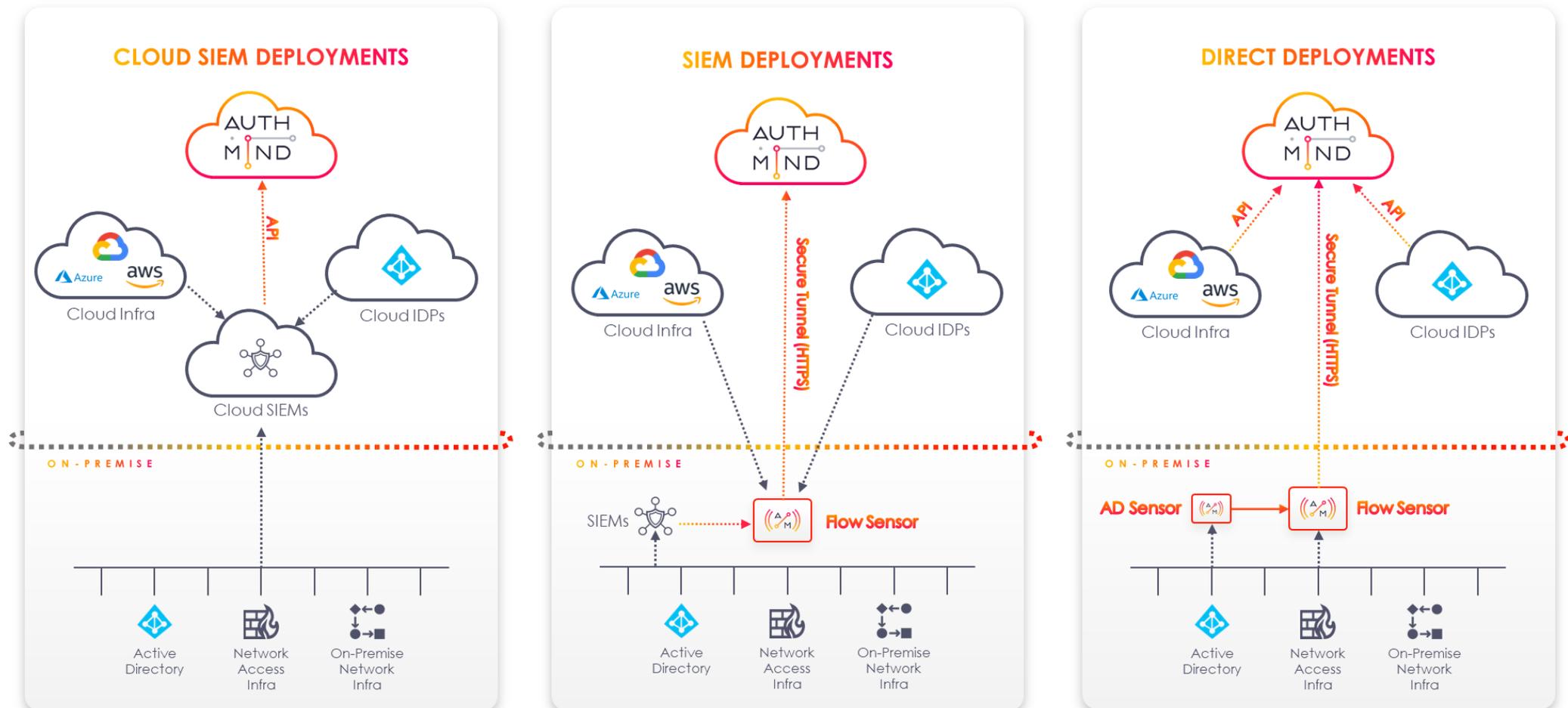Identity Security Posture Management (ISPM)

Identity Based Zero Trust

Identity Threat Detection and Response ITDR

Active Directory Secure Privilege Access

Identity Incident Investigation and Response

Orphaned and Services Account Monitoring

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Casi d'uso

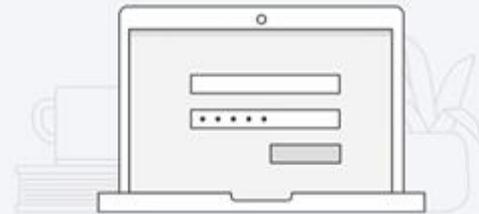| Identity Infrastructure Issues	Identity Blind Spots	Risky Identity Activity
MFA issues (e.g. bypass)	Exposed Assets	Bypass of ZTNA
Credential Hygiene	Shadow Access (Local accounts)	Bypass of VPN
Service Accounts Security	Shadow Assets	Bypass of PAM tools
Suspected Attacks on Identity Systems	Shadow Identity Systems (Directories, Password Managers, Key Managers)	Suspicious access/identity activity
	Shadow SaaS Usage	
Identity Observability – Who accesses what, when, and how…and how often		

Continuous access Flow Mapping

DATA COLLECTION & ENRICHMENT

API (Agentless) / Flows

DIRECTORY/IdP

Events (Auth & Access)

Directories access & user details

Risk Intelligence feeds

FLOW ACTIVITY

Network flows (VPC, NetFlow, IPFIX, etc.)

SIEM/XDR

Logs (SASE, VPN, & Gateway)

DISCOVER (AI/ML)

Map

Assets, Flow, Construct

Deep Learn

Access Map, Behaviors, Blind Spots...

Remediate/ PREVENT

Response

Policies, Setting & Configuration

CONTINUOUS ACCESS FLOW MAPPING

Deployment Options

Hands-On
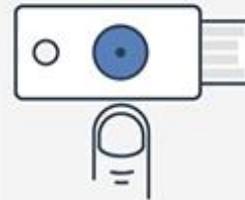
AI-infused Identity Fabric

Workforce Identity
Drive cloud modernization, technical agility and user productivity

Continuous Access Control

- Single Sign-On and MFA
- Adaptive access
- Passwordless authentication
- Lifecycle management
- Privileged access
- Privacy and consent management

Consumer Identity
Deliver on-demand, personalized, and trusted experiences

Solutions

Access Management	Identity and Governance	Privileged Access Management

Capabilities

Directory*	Access Gateway*	Risk Based Authentication*	Identity Protection (ITDR + ISPM)	Orchestration
Provisioning	SSO	MFA	Lightweight Governance	Passwordless

* Available Stand-Alone or as part of platform

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IBM Security Verify for Security Service Providers

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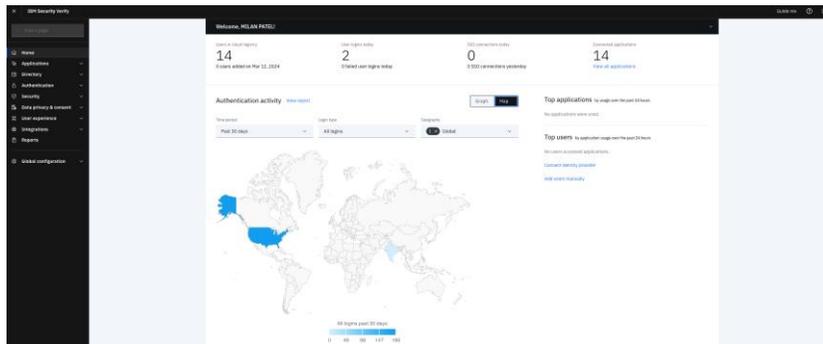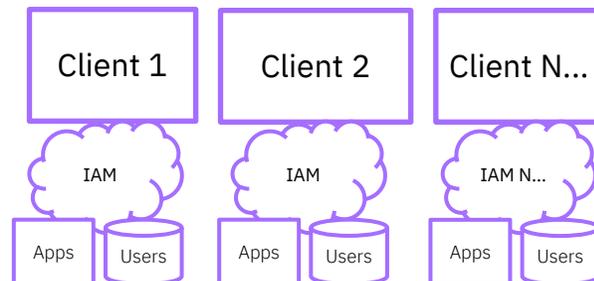
- ☑ **SCALABLE** and **COST EFFICIENT**
- ☑ Manage identities and applications for multiple clients though a **COMMON** Verify portfolio
- ☑ Meet **DEPLOYMENT REQIREMENTS** across the globe
- ☑ **CONSOLIDATE** all aspects of your IAM journey using IBM Verify Portfolio
- ☑ Reporting available **PER** tenant
- ☑ Deliver customer specific **PERMISSIONS and SECURITY** to meet business requirements
- ☑ IBM Technology Expert Lab **SERVICES** available for deployment
- ☑ Proof of Concept / Trials Available

Discovery and framing workshop gratuito

Format: 3-hour interactive design thinking session, virtual or in-person, facilitated by senior IBM security architects & consultants.

Focus: Workshop exercises help you identify gaps in your identity governance, access control and privileged account management capabilities.

Participants: Includes 5-7 participants such as security leaders, security and enterprise architects, security analysts, and other IT representatives from the data, application, and operational areas of your organization.

Deliverables: 1-2 weeks after the session, IBM will provide a customized, client- confidential report that highlights the top business priorities, critical capabilities and areas for improvement in the form of a **prioritized list of initiatives** along with recommendations to increase security maturity and mitigate risk.

This no-cost session is a joint investment as part of IBM's partnership with your org. Learn more and sign up at: **ibm.com/security/resources/workshop**

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"We're all going to have to change how we think about data protection"

Elizabeth Denham

https://github.coventry.ac.uk/pages/CUEH/245CT/1_Introduction/SecurityConcepts_Pillars/

https://nis2directive.eu/

https://www.ibm.com/reports/data-breach

https://www.beyondtrust.com/blog/entry/the-state-of-identity-...

https://www.idsalliance.org/white-paper/2024-trends-in-securing-digital-identities/

https://nordpass.com/most-common-passwords-list/

https://www.ibm.com/it-it/products/verify-saas

https://mediacenter.ibm.com/media/IBM+Verify+Demo/1_moum8wmx

https://www.ibm.com/products/verify-identity-protection

https://www.ibm.com/reports/threat-intelligence

https://www.ibm.com/security/resources/workshop

Q&A

Your Opinion Counts!

PROSSIMI APPUNTAMENTI

29 NOVEMBRE: Sonicwall MDR

6 DICEMBRE: Stormshield e Medical Devices Protection

13 DICEMBRE: SonicPlatform

https://events.tdsynnex.it/cyber-unit-missione-protezione/

https://forms.office.com/r/B8pN50j9f3

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