

It's a NACHIE Out There...

With Machine Identities and Numbers Keep Climbing

Organizations Are Supersaturated

7996

to grow over the next year

Security leaders expect the

number of machine identities

Predict an increase of up to 50%

MACHINE IDENTITY GROWTH PER YEAR

16%

Project radical growth of

50-150%

Prey on Machine Identities Reported security incidents or breaches linked to compromised machine identities in the past year

Threat Actors

Increasingly

HAVE CAUSED A SECURITY INCIDENT

34%

API keys

TOP MACHINE IDENTITIES THAT

51% Application launch delayed

LARGEST BUSINESS IMPACTS

34%

29%

SSL/TLS certificates

IoT certificates

43%

44%

eams Re

AI ABUNDANCE

CLOUD NATIVE CASCADES

72%

Teams Recognize Potential Pitfalls, Current and Future

92%

42%

38%

37%

23%

Outages impacted customer experience

Attackers accessed sensitive data or networks

Feel that every undiscovered machine identity is a potential point of compromise

Say attackers are focused on cloud native machine identities

CERTIFICATE SNAGS

72%

Reported at least one certificate-related outage in 2024

Moving beyond safely using GenAI to protecting models

Quickly revoking and replacing machine identities 38%

GREATEST CHALLENGES WHEN SECURING MACHINE IDENTITY ASSETS

Tangled Amidst It All?

A Need for Machine Identity Security

Report having some form of a

machine identity security program

Lack a cohesive strategy across

machine identity types

identities exclusively

Prioritize securing machine

Identifying who controls access

to the app or device using the

Identifying the location of the

app where the machine identity

machine identity

is in use

39%

35%

CYBERARK*

protect LLMs

environments, business units and

Still use manual or non-automated methods to manage machine identity lifecycles

34%

A New Trail Emerges, But There's a Long Way to Go In 2025 and beyond, organizations plan to: Increase use of machine identities to better secure systems and data Deploy more automation Increase machine identity visibility

Shift to operate at the workload level

Plan for migrating to quantum-resistant encryption

Investigate how machine identities can help

Find Your Path Through the

Download the full CyberArk 2025 State

of Machine Identity Security Report today.

CyberArk is the global leader in identity security, trusted by organizations around the world to secure human and machine identities in the modern enterprise. CyberArk's AI-powered Identity Security Platform applies intelligent privilege controls to every identity with continuous threat prevention, detection and response across the identity lifecycle. With CyberArk, organizations can reduce operational and security risks by enabling zero trust and least privilege with

complete visibility, empowering all users and identities, including workforce, IT, developers

ITS A MACHINE JUNGLE OUT THERE