



# Secure Developers with CyberArk

## Secure Developers With Breakthrough Capabilities for Zero Standing Privileges

# 36%

Incident response data indicates that the use of valid credentials was the most common initial access vector in cloud security incidents, occurring in 36% of cases.

# 33%

The X-Force team discovered plaintext credentials located on user endpoints in 33% of engagements involving cloud environments.

IBM X-Force Cloud Threat  
Landscape Report 2023

## Challenge

Software drives the customer experience in our digital world. Developers create and deliver software to meet customer needs, but they face a dilemma: How to balance speed and security?

To manage the challenge, organizations frequently forgo security controls that may impact the velocity of software delivery. As a result, security controls are often added hastily at the end of a software development project without properly considering the developer's experience.

It's why many developer security tools fail to meet the risk and compliance outcomes. Organizations cannot afford to compromise development speed but without a realistic chance of adoption, security tools quickly fall by the wayside and turn into shelfware.

And attackers know this. More and more software development occurs in the cloud, presenting a huge opportunity as a new environment for attacks. Attackers realize the security debt compromised by these development challenges and look for ways to exploit this gap, breaching cloud workloads every month.

Breaching one account with the right entitlement allows an attacker to build data centers of expensive infrastructure or access sensitive data stored in the cloud. Access must be strictly controlled. Enforcing different security controls for users or administrators is not an option.

The cloud has changed how we build software. Modern customer-facing apps rely on tens to hundreds of services. This poses a troubleshooting challenge as large, diverse access may be required if ever needed. For developers, presenting the velocity of development requires they must be protected at all costs.

## Solution

The CyberArk Identity Security Platform offers native, secure cloud access for developers, enabling productivity and velocity while delivering upon measurable cyber risk reduction. The solution helps organizations to better control and secure multi-cloud environments, using elevating just-in-time (JIT) access with Zero Standing Privileges (ZSP). By taking this approach, developers receive the permissions they need to do their job while reducing risks of credential theft by removing excessive access and unnecessary entitlements. Developers retain their native user experience without impacting their productivity.

CyberArk's cloud security capabilities are built to empower the developer to drive operational efficiencies. Developers can delegate and automate access requests, reducing the time and effort to request access. Developers can also customize workflows using the CyberArk Identity Flows capability allowing for low-code building of workflows that model business processes and meet the needs of a dynamic work environment.

With CyberArk cloud security, organizations can achieve risk reduction, audit and compliance outcomes, while enabling developers to remain secure as they deliver software faster and better in the cloud.

Learn more about how to [secure developers](#).

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### About CyberArk

[CyberArk](#) is the global leader in identity security. Centered on intelligent privilege controls, CyberArk provides the most comprehensive security offering for any identity — human or machine — across business applications, distributed workforces, hybrid cloud workloads and throughout the DevOps lifecycle. The world's leading organizations trust CyberArk to help secure their most critical assets.



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