



Streaming Edition 2021

Sessione

Come implementare una strategia DevSecOps per il Secrets Management senza modificare il modus operandi dei tuoi team di sviluppo

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16 Marzo 2021 orario 17.00-17.40 - StreamingEdition

#securitysummit #streamingedition

Massimiliano Micucci

COUNTRY MANAGER



Maurizio Ostinet

EMEA SOL. ARCHITECT

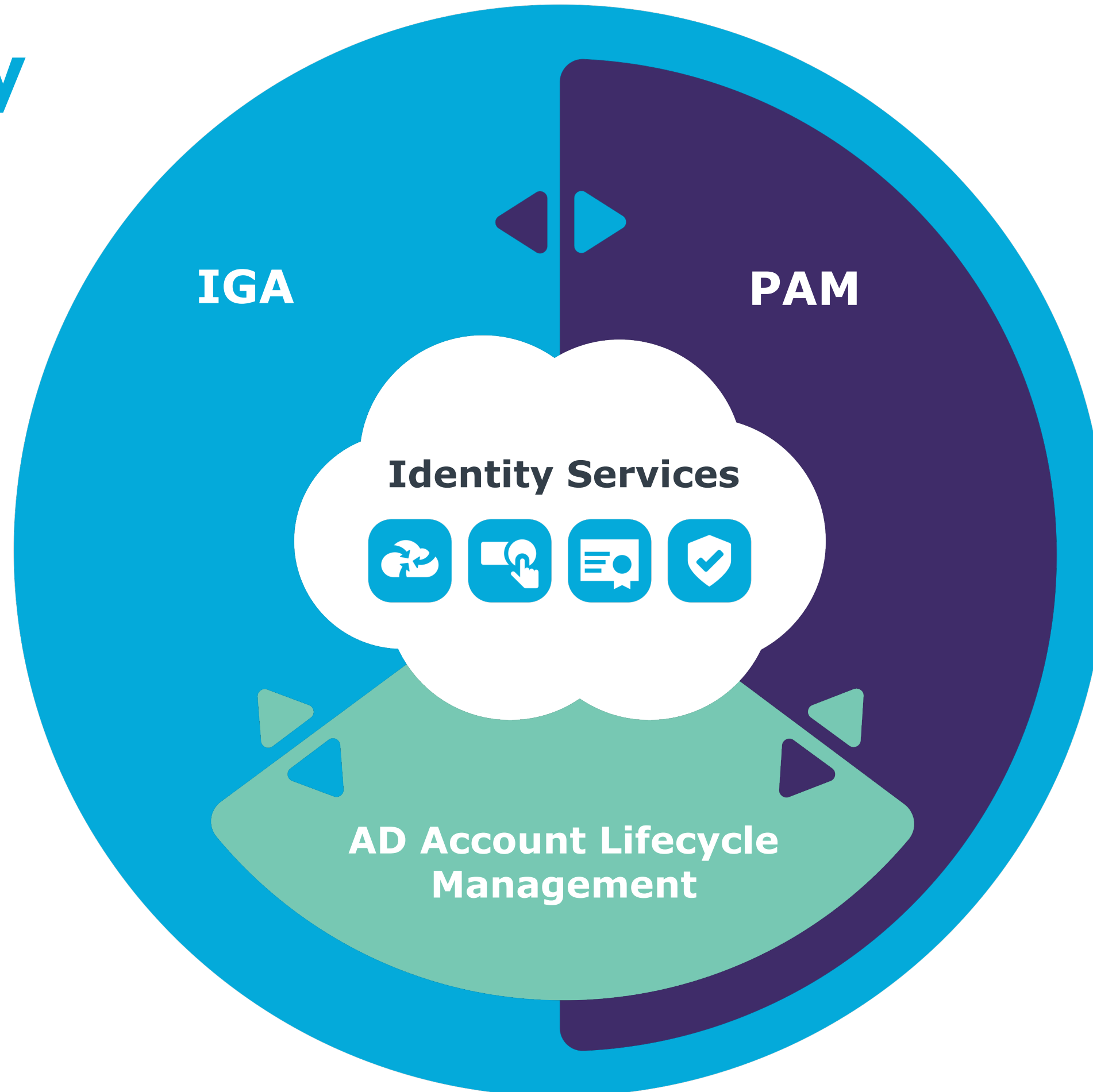


Streaming Edition

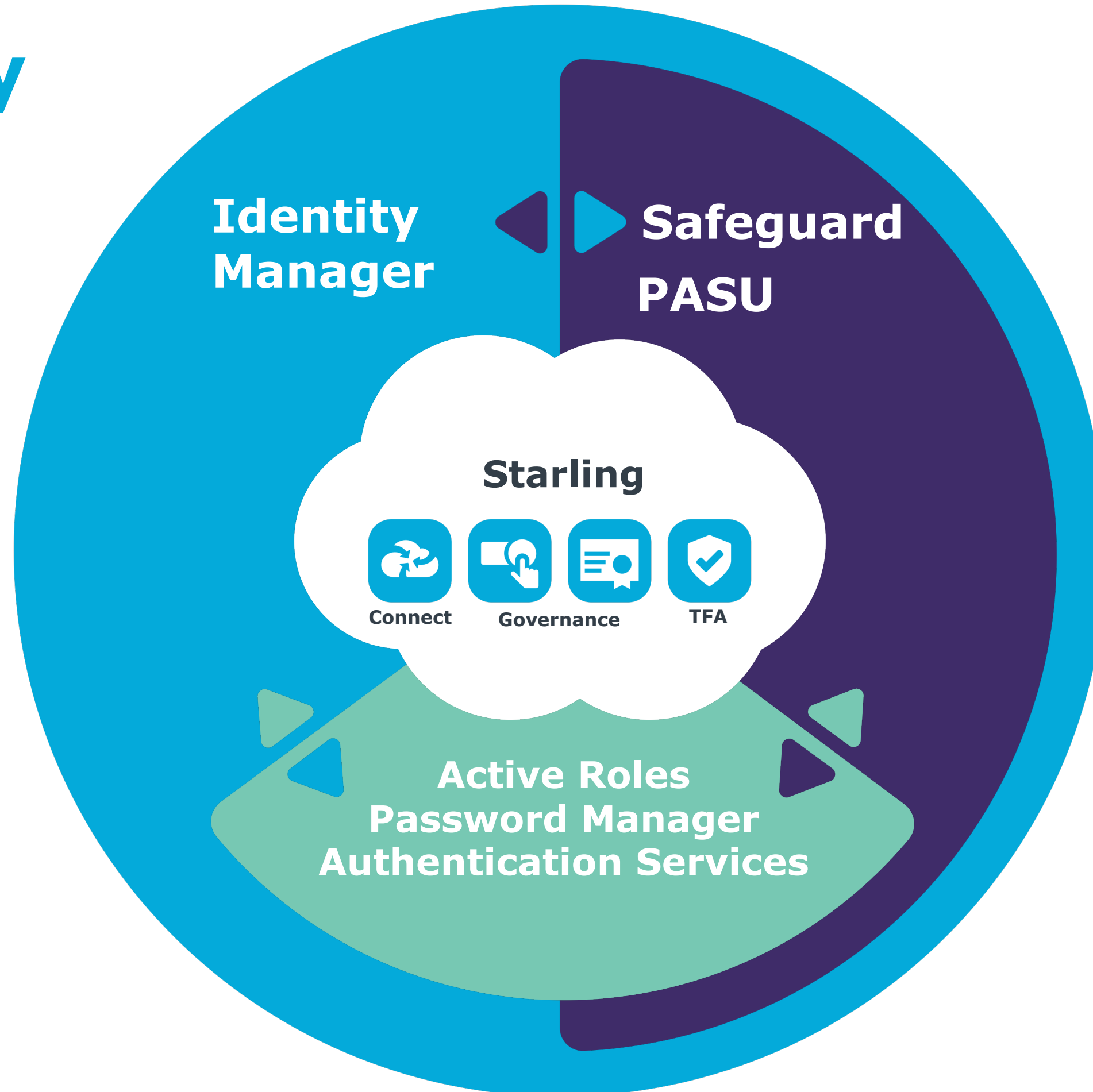
16-17-18
marzo 2021



One Identity Portfolio



One Identity Portfolio



Security Starts Here

Security Starts with

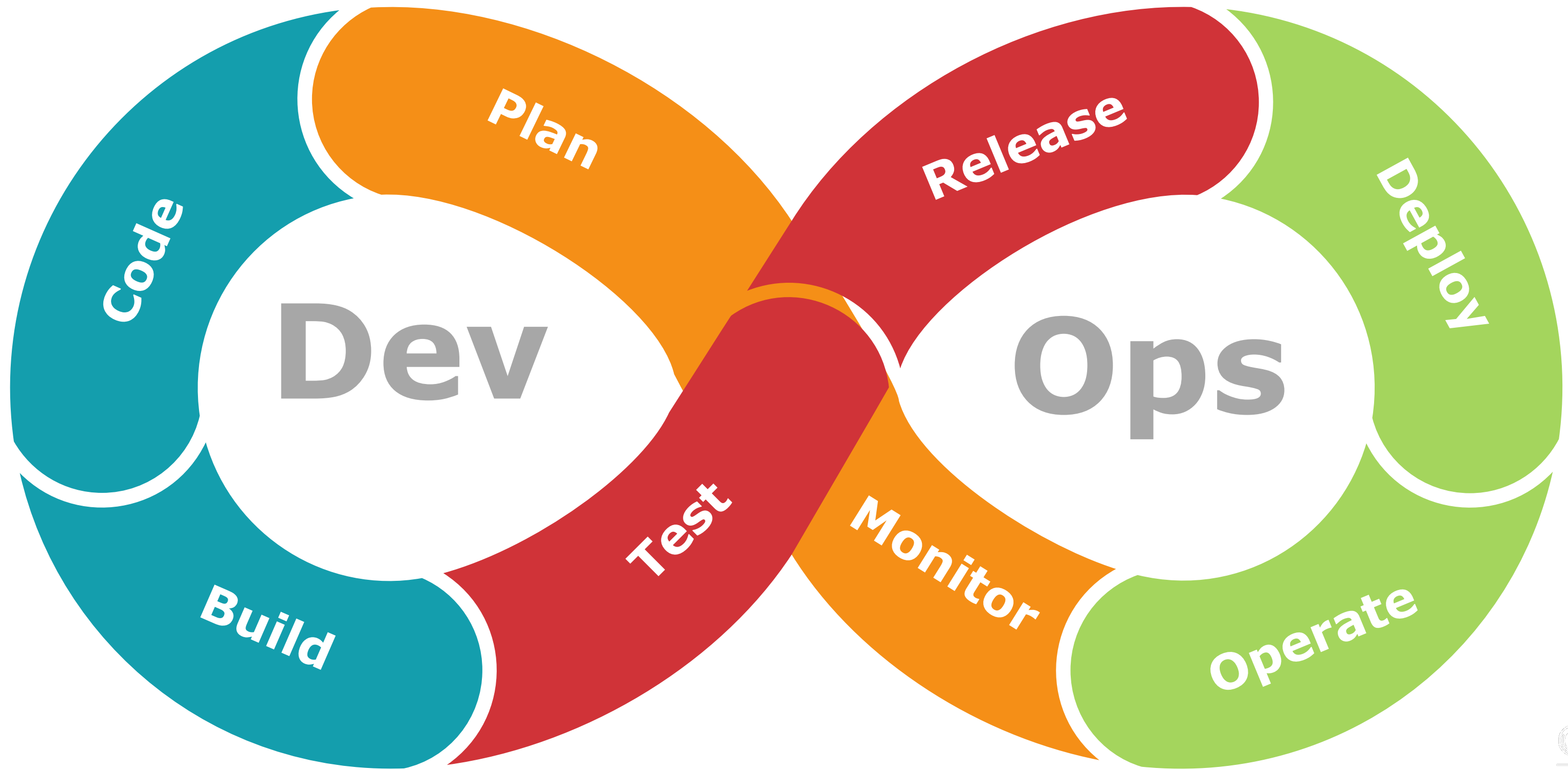
Security is only achieved when you can ensure the **right people** can get the **right access** to the **right resources** at the **right time** in the **right way**, and **you can prove it**.



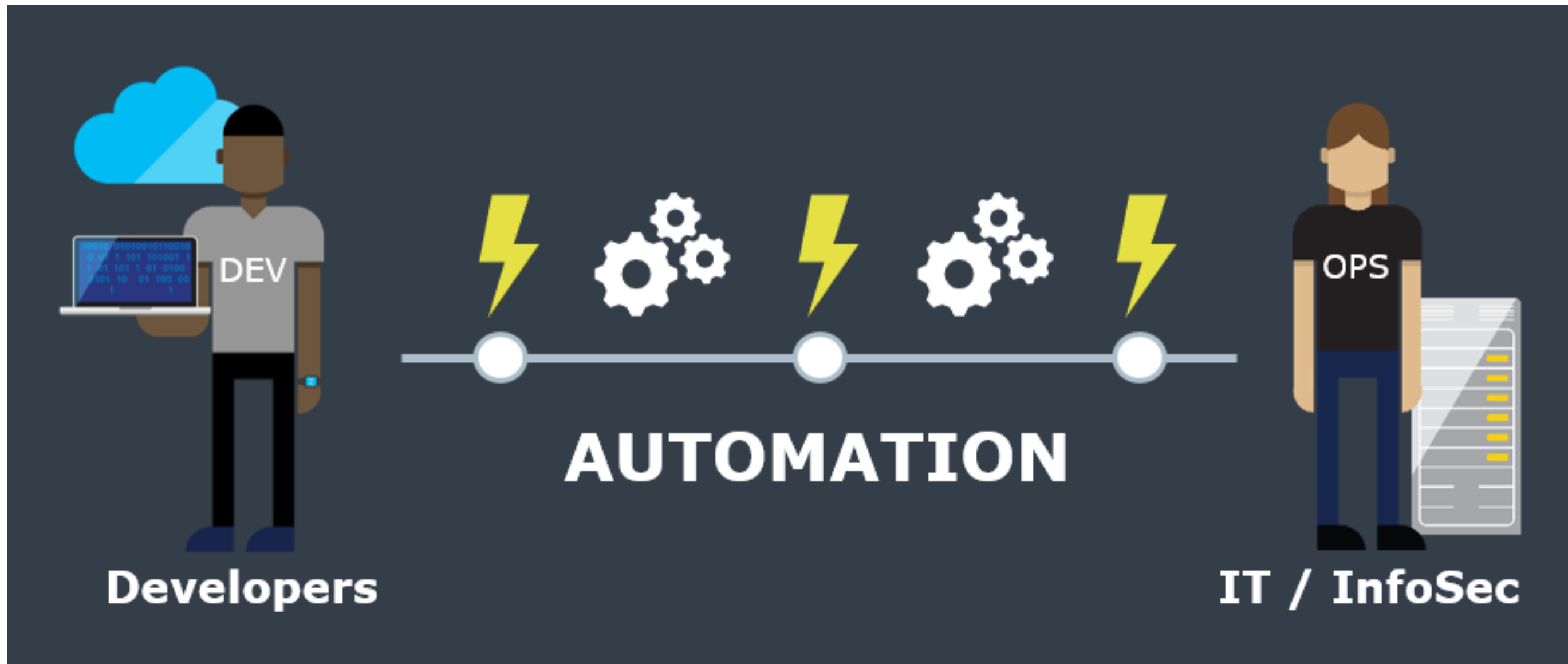
This is *only possible* by ensuring **Identity is at the core of your security strategy.**

One Identity's unified Identity Security Platform of integrated **Account Management, Privileged Access Management** and **Identity Governance and Administration** solutions –
on-prem, hybrid, and cloud

What is DevOps?



What is DevOps?



DevOps Trends

Deployment Pipelines

Continuous Integration

Continuous Deployment

Infrastructure as Code

Configuration as Code

Orchestration Frameworks

Desired State

DevOps Security

Source Code Repositories

Build Systems

Package / Image Repositories

Deploying to Infrastructure
(Orchestration Frameworks)

Microservice Communication

Persistence and Data Protection



SECRETS

DevOps Secrets

Automated Process

Ephemeral

Developers

Speed and Integration First

Traditional PAM Secrets

Human (Session)

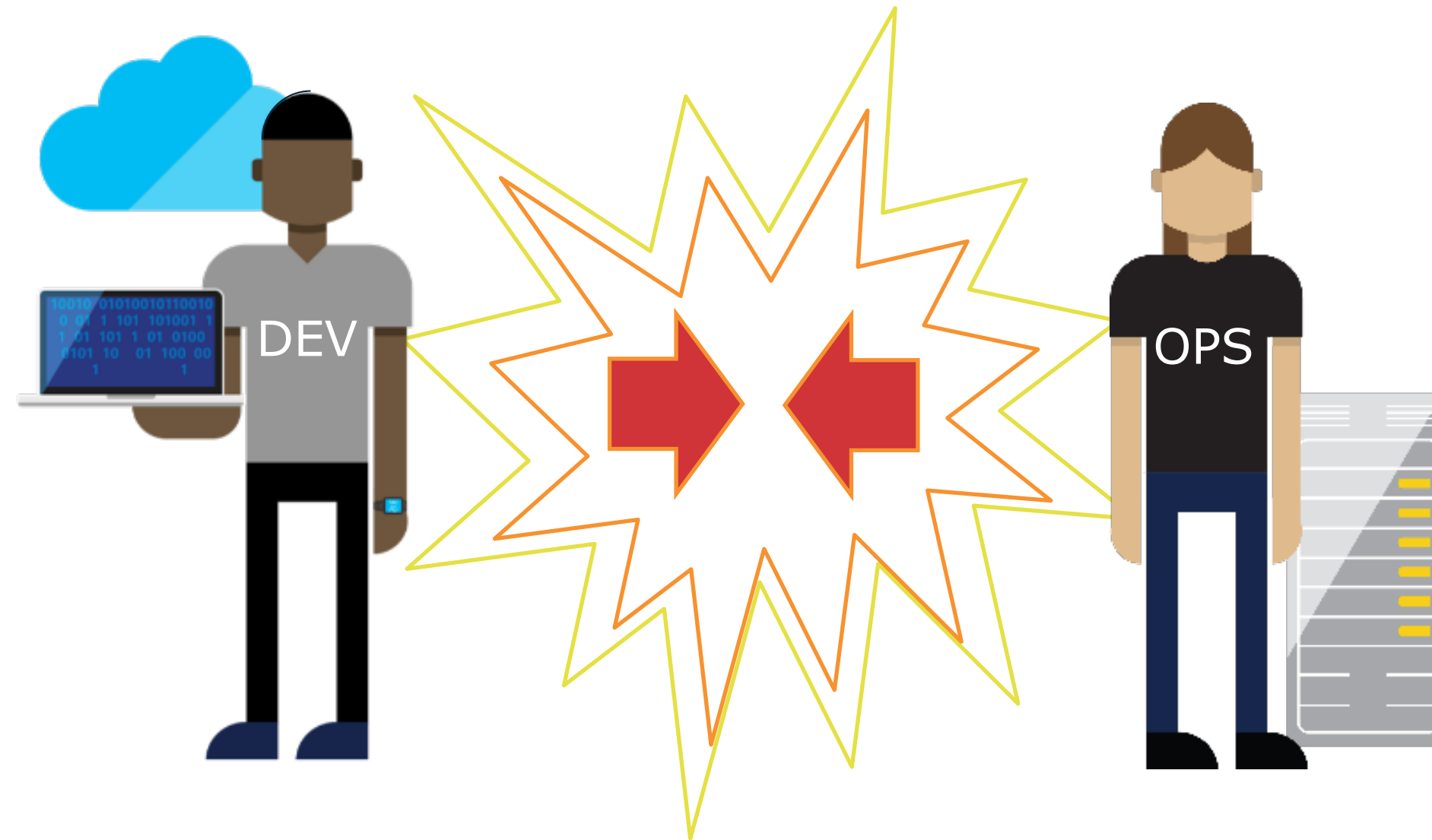
Permanent

Admins

Security and Compliance First



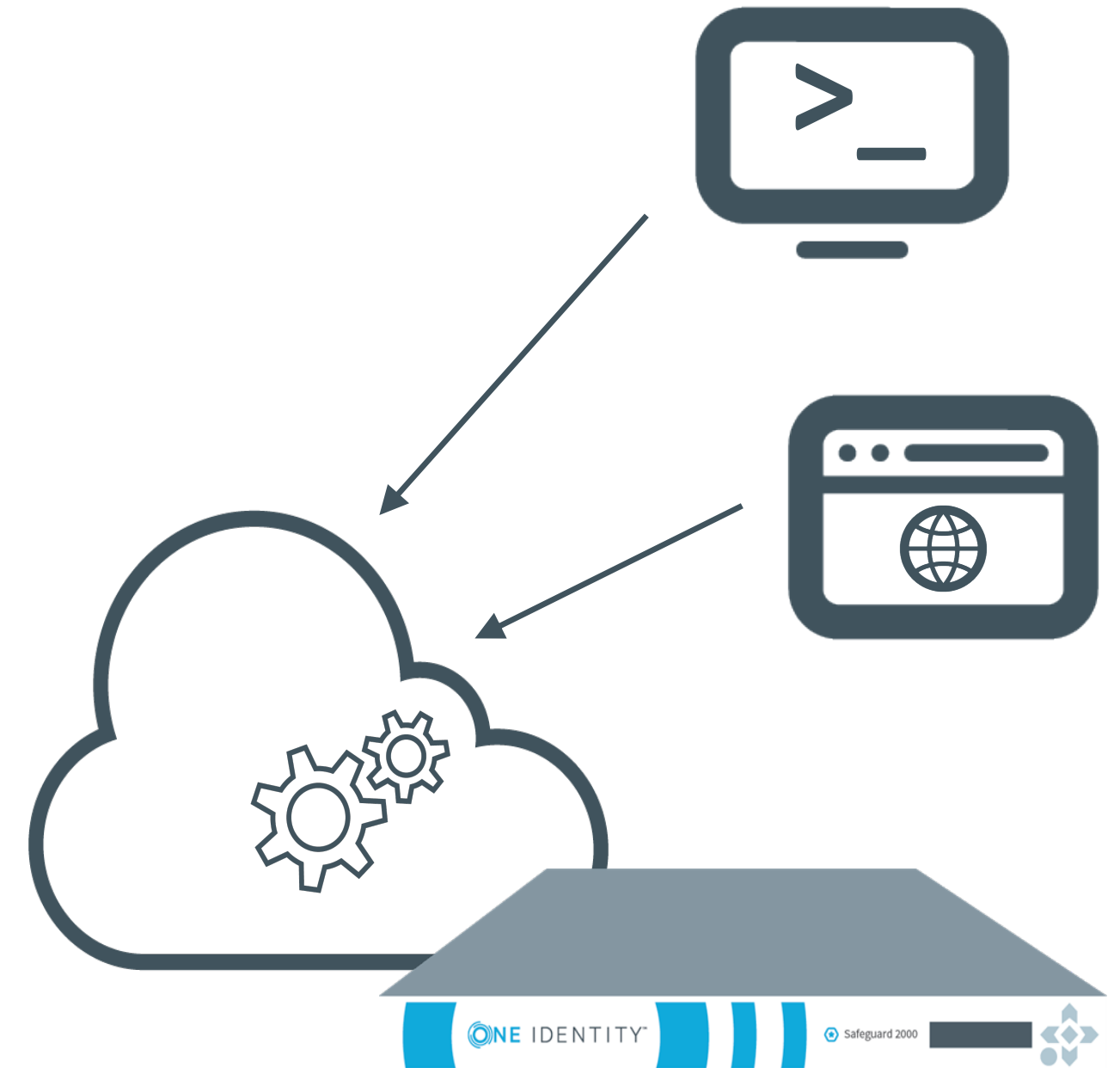
Friction



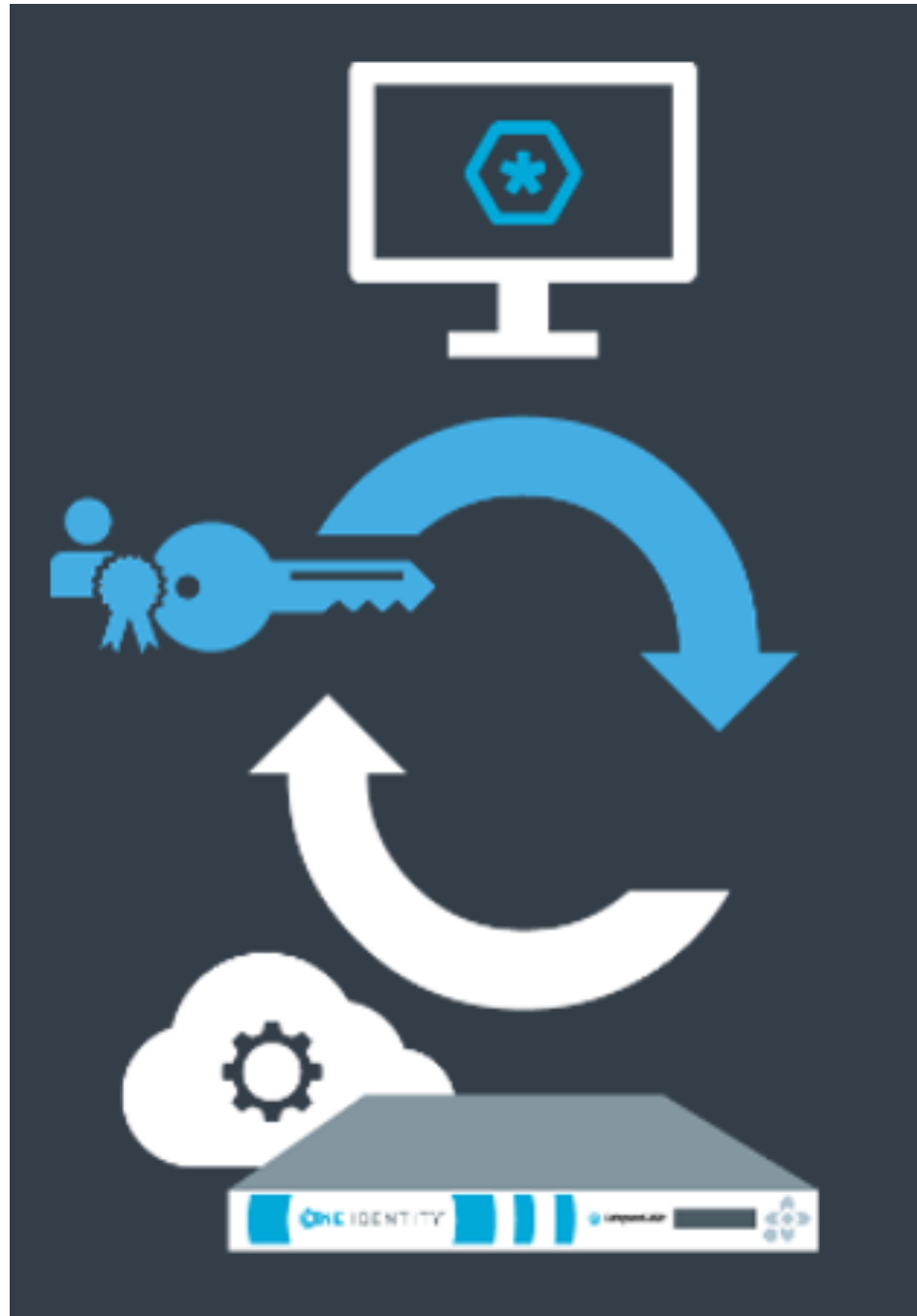
**Safeguard secures your
critical infrastructure without
changing the way you work**

One Identity Safeguard Next Gen Architecture

- Integration with identity governance
- API-first design
- Built for integration and automation
- DevOps specific APIs
- Open-Source projects and SDKs
- Session proxy — bring your own tools

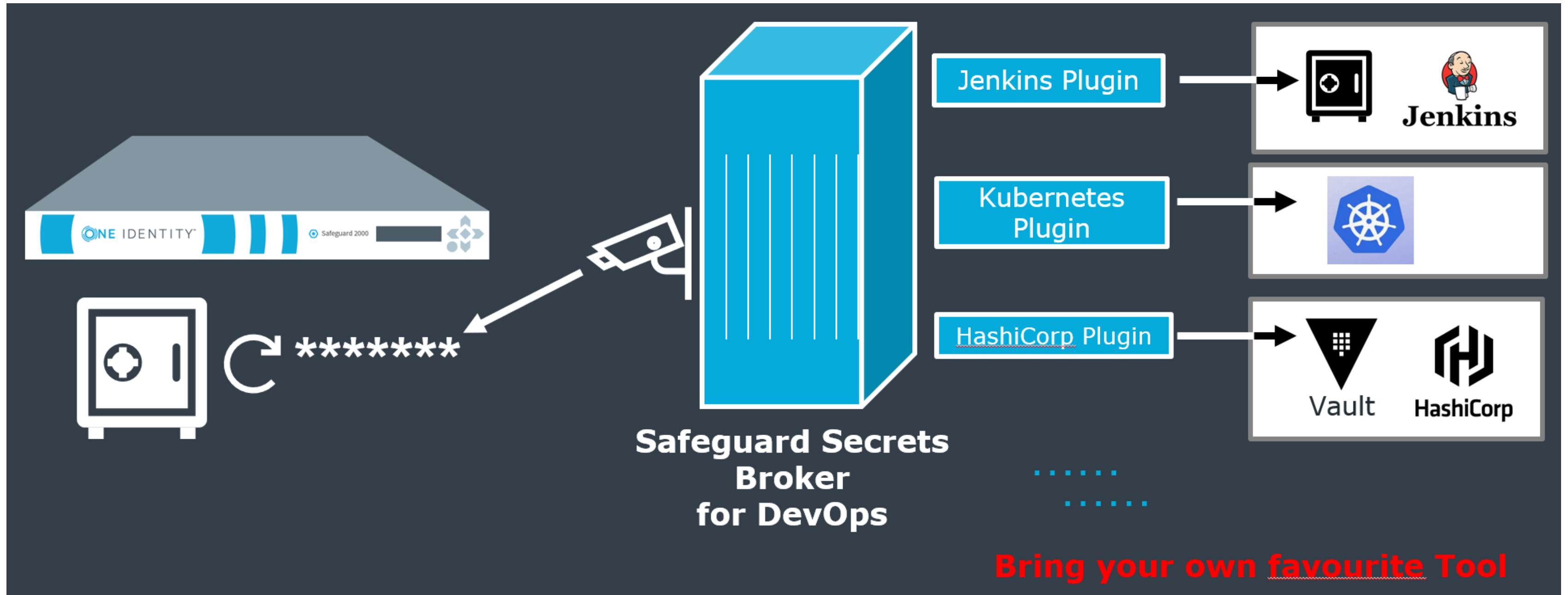


Safeguard A2A API => Safeguard DevOps API



- Simple / Fast – one round trip
- Client certificate authentication
- IP restrictions
- Obfuscated API keys
- Features:
 - Credential retrieval
 - Realtime credential change notifications
 - Access request broker
- Useful for RPA and on-prem applications

Safeguard Secrets Broker for DevOps



One Identity DevOps Resources

GitHub.com

github.com/oneidentity

SDKs

SPP – .NET, Java, PowerShell, Bash

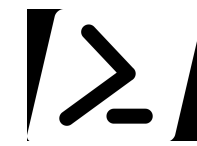
SPS – Session Plugins

SPP – API tutorial



Secrets Broker for DevOps

github.com/oneidentity/SafeguardDevOpsService



Powershell Gallery

[Get-Module safeguard-ps](#)



NuGet.org

[OneIdentity.SafeguardDotNet](#)



Docker Hub

[oneidentity/safeguard-devops](#)

Solving PAM Problems in DevOps

Use Safeguard

TO manage traditional PAM secrets

Root accounts on long-running VMs

Privileged accounts on key workloads – databases, ...

Privileged accounts for core cloud services

Privileged accounts on legacy systems requiring regulatory compliance

Use YOUR FAVOURITE Tools

TO manage DevOps secrets

Developers use what they love and don't ignore Security

Safeguard makes PAM secrets available in DevOps

DEMO



Q&A



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Vieni a trovarci al nostro virtual desk!

