

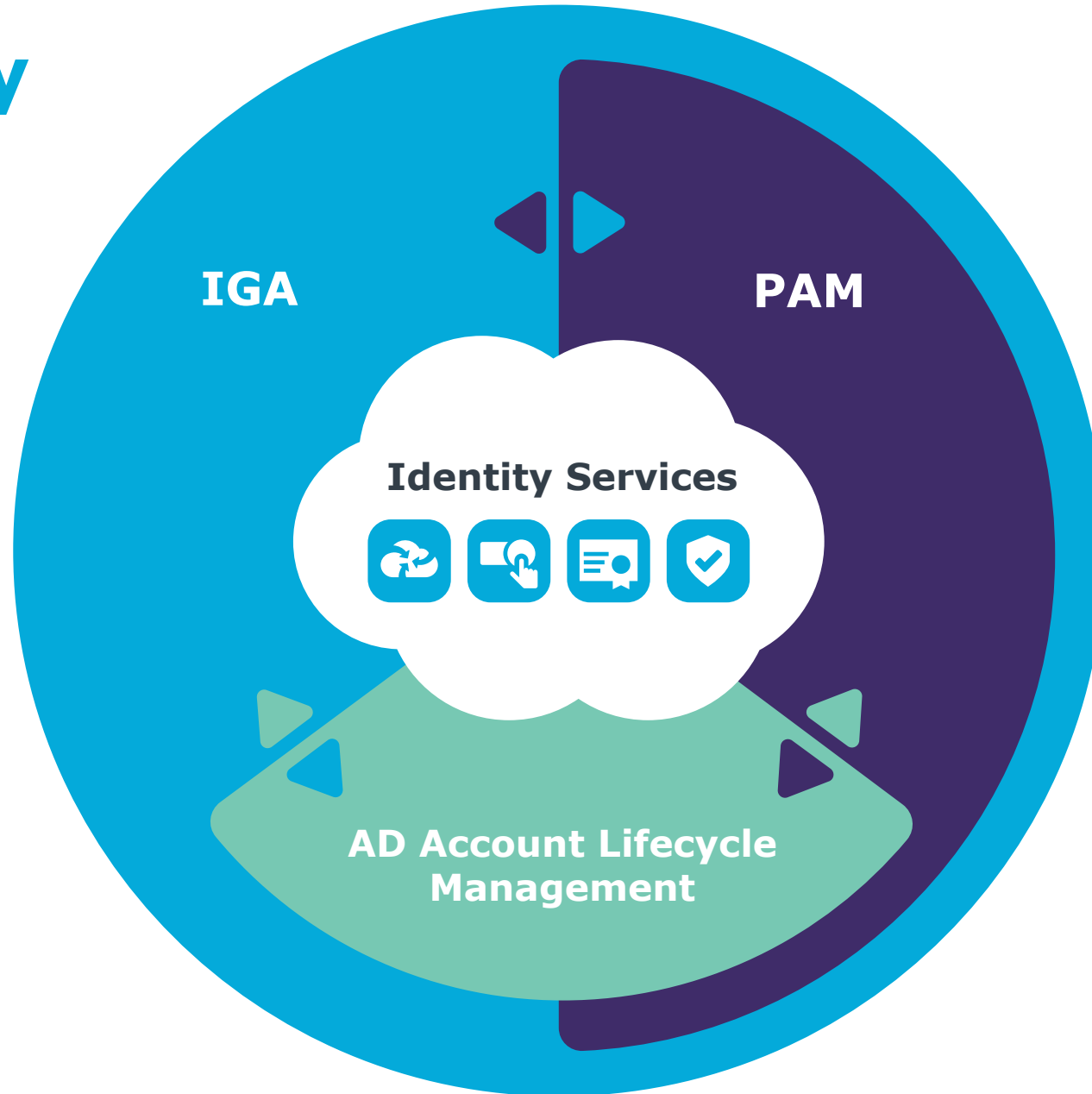
La gestione dei Secrets in ambito DevOps

Maurizio Ostinet

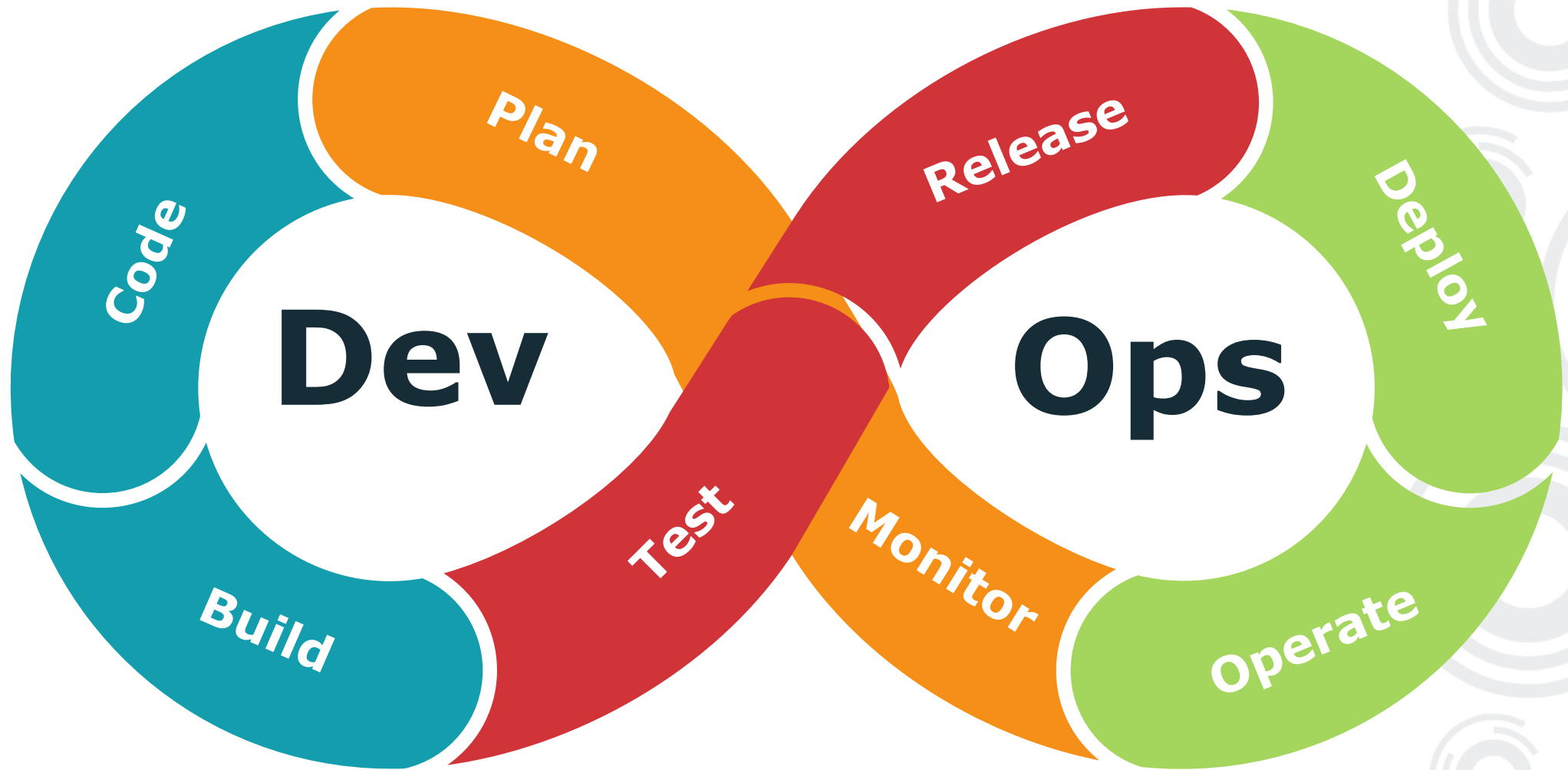
Solutions Architect EMEA

One Identity

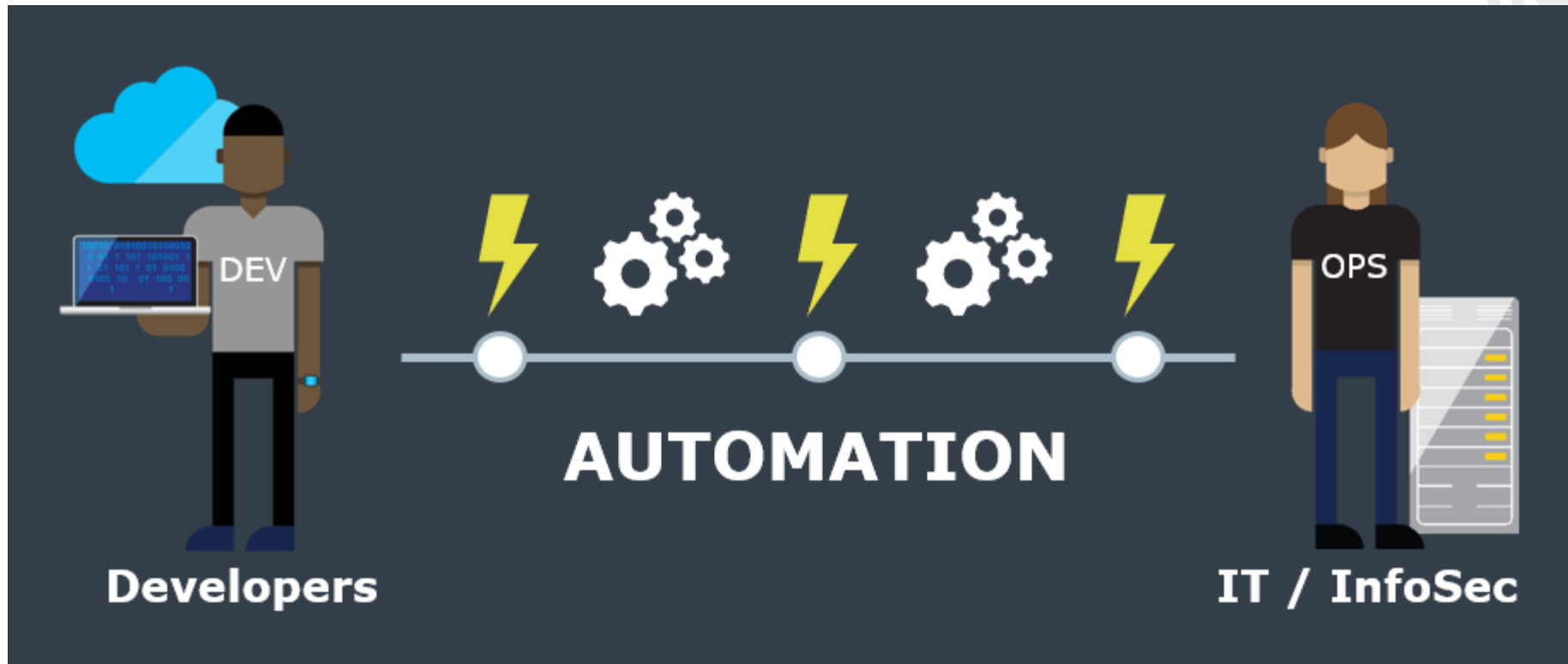
One Identity Portfolio



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

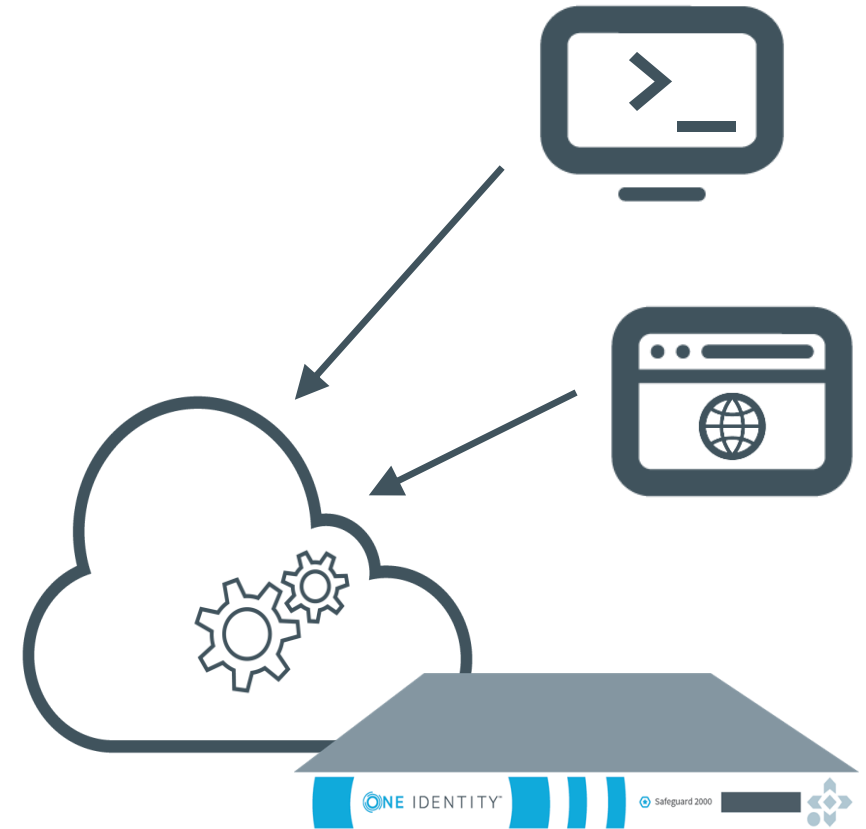
Admins

Security and Compliance First

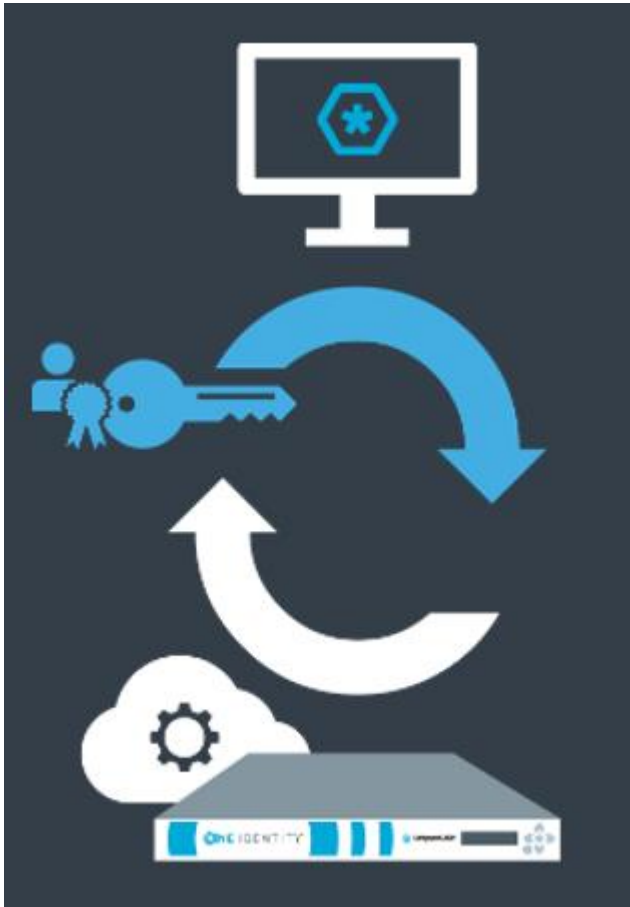


One Identity Safeguard Next Gen Architecture

- 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

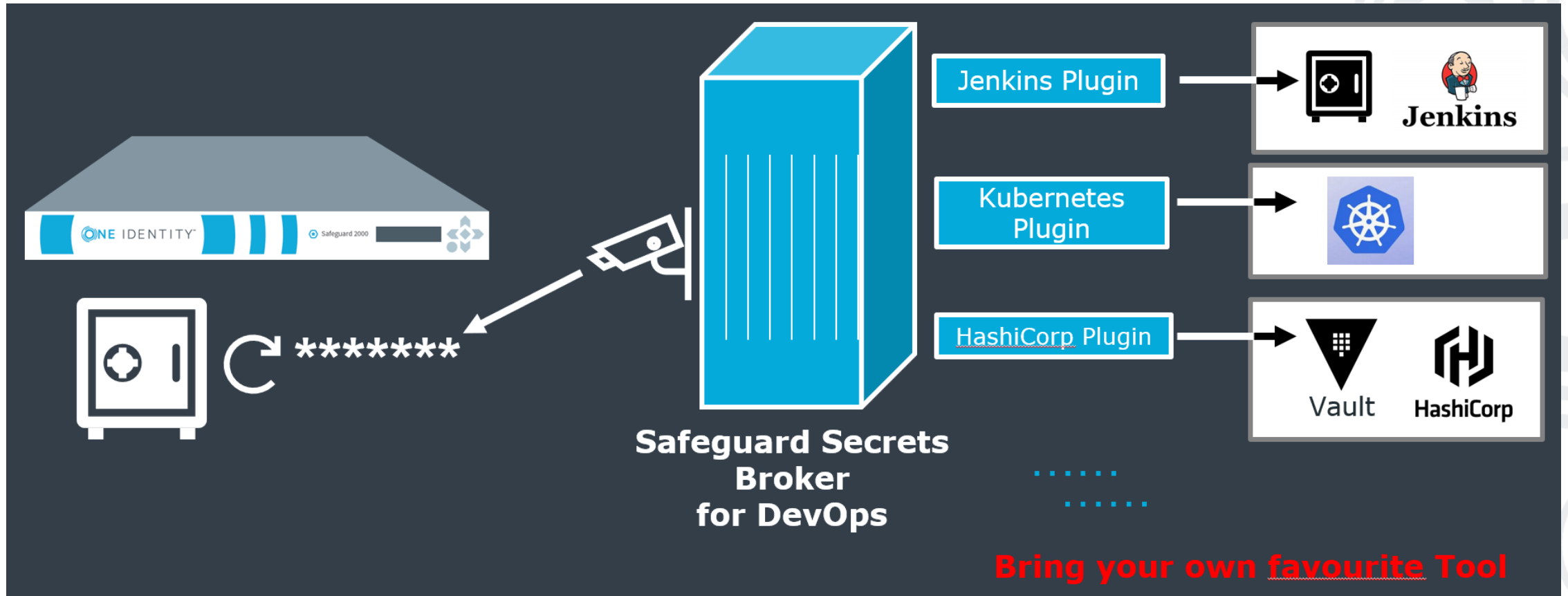


Safeguard A2A API => Safeguard DevOps API



- 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

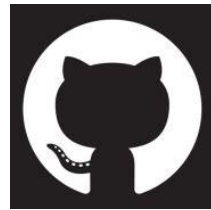
github.com/oneidentity

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



ONE IDENTITY

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