



CYBER SECURITE

POURQUOI LE PAM EST-IL LA PRIORITÉ NUMÉRO UN ?

LES RECOMMANDATIONS DE GARTNER



Gartner Top 10 Security Projects for 2018

June 6, 2018

Contributor: Jill Beadle

SECURITY

CISOs should focus on these ten security projects to reduce risk and make a large impact on the business.

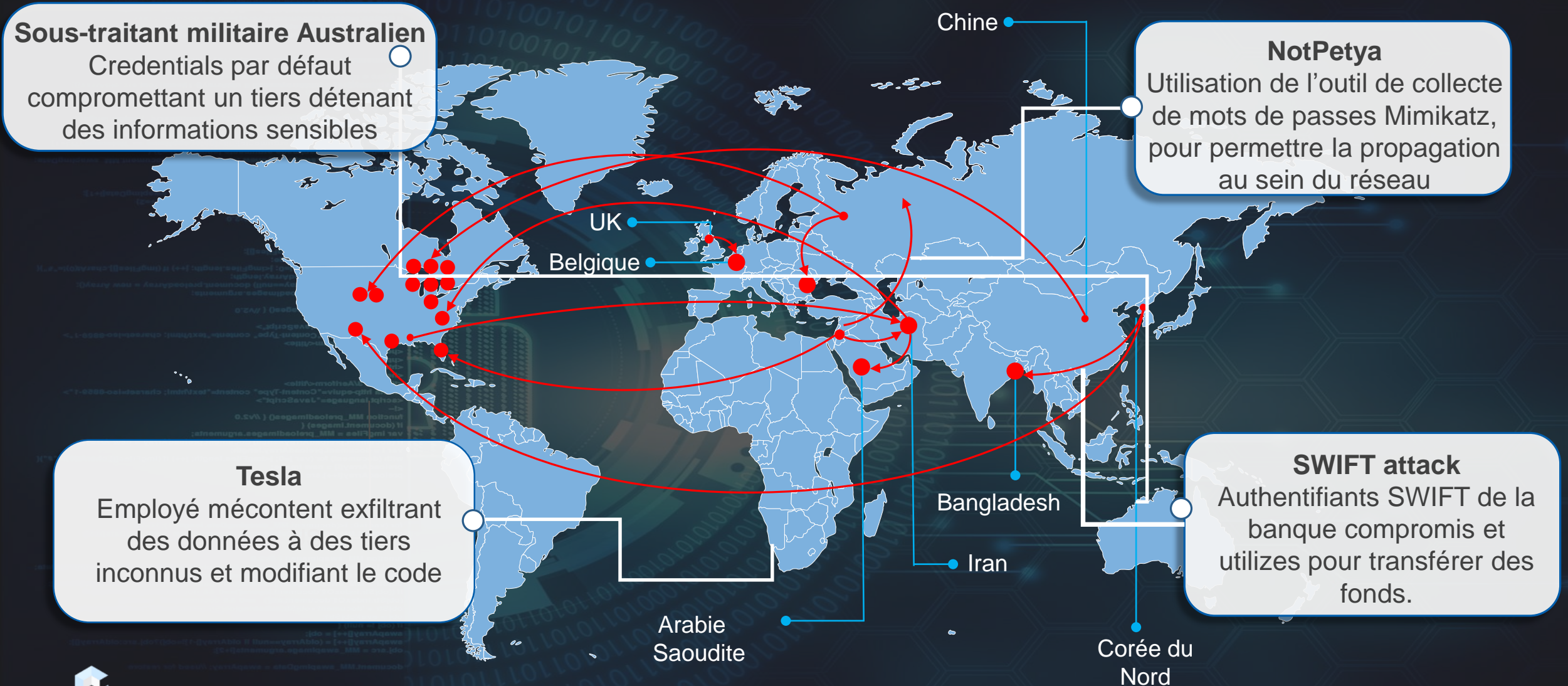
No. 1: Privileged account management

This project is intended to make it harder for attackers to access privileged accounts and should allow security teams to monitor behaviors for unusual access. At a minimum, CISOs should institute mandatory multifactor authentication (MFA) for all administrators. It is also recommended that CISOs use MFA for third-party access, such as contractors.

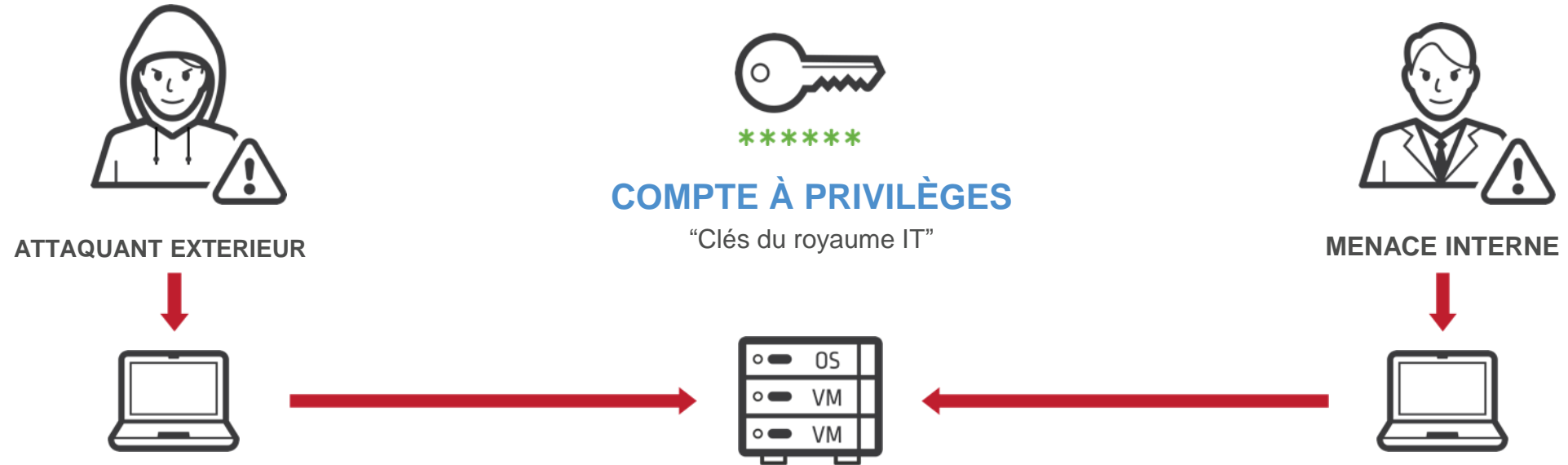
Tip: Phase in using a risk-based approach (high value, high risk) systems first. Monitor behaviors.

(<https://www.gartner.com/smarterwithgartner/gartner-top-10-security-projects-for-2018/>)

Les attaques continuent d'exploiter des failles



LES COMPTES A PRIVILÈGES, CLÉS DU ROYAUME !

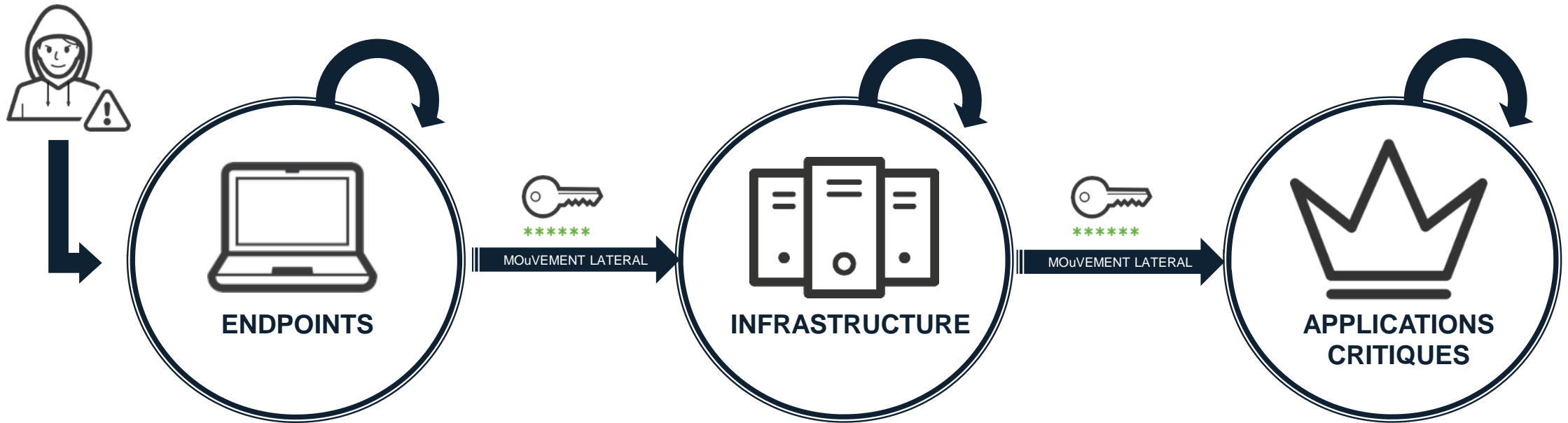


LES ATTAQUANTS ENTRERONT...



...OU SONT MÊME DÉJÀ PRÉSENTS

LA VOIX LA PLUS EMPRUNTÉE...



LE MAILLON FAIBLE

4% of people will click on any given phishing campaign.

“This is something we’ve been saying for the last three years, and sadly it’s still true today—people are still falling for phishing campaigns”



Your employees are your weakest link.



Hacked: The Bangladesh Bank Heist

How hackers got away with one of the biggest thefts in history, robbing Bangladesh's central bank of more than \$80m.

24 May 2018 11:49 GMT [Crime](#) [Bangladesh](#) [Corruption](#) [Business & Economy](#) [Investigation](#)



LA MENACE INTERNE

Se produit dans 26%
des attaques, dont
les coûts sont
importants

Les motivations les plus courantes:



FRUSTRATION



FINANCIERES



HACKTIVISME



INFLUENCE
EXTERIEURE

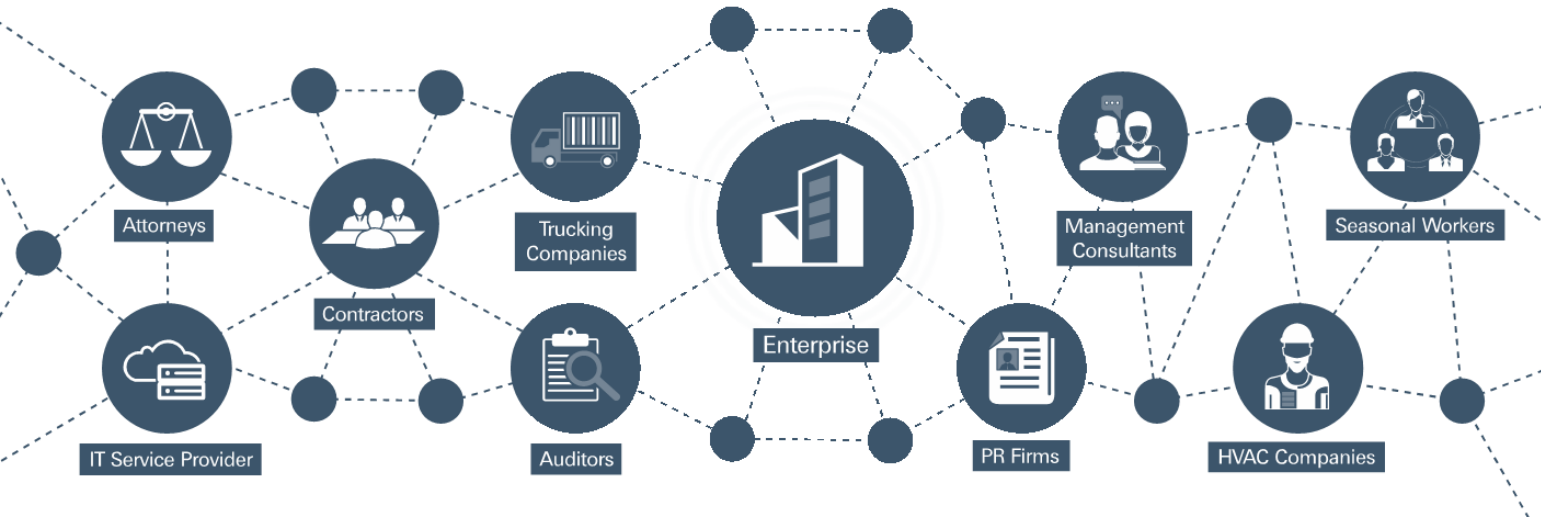


**Elon Musk emails employees
about 'extensive and damaging
sabotage' by employee**

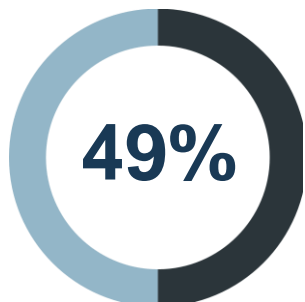
- Tesla CEO Elon Musk sent an e-mail to all employees on Sunday night alleging there was a saboteur within the company's ranks.
- Musk alleged this employee tweaked code on internal products and sent company data out without authorization.

LA MENACE EXTERNE

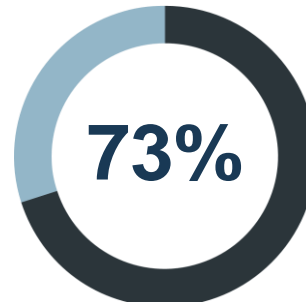
Au moins 60% des organisations autorisent les accès distants à des tiers.



D'après une étude Ponemon...



Des répondants ont
subit des fuites de
données causées
par des tiers



Pensent que le
problème s'aggrave

online **hacking**

Top secret information about Australia's military hacked

AN INVESTIGATION into an Australian Defence Force hack has revealed almost anybody could have penetrated its security due to a simple password fail.

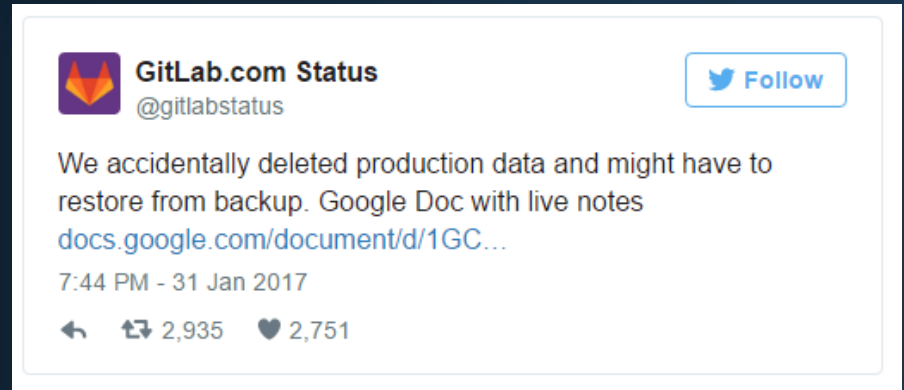
Lisa Martin

AAP 12 OCTOBER 2017 7:51AM

LES INCIDENTS

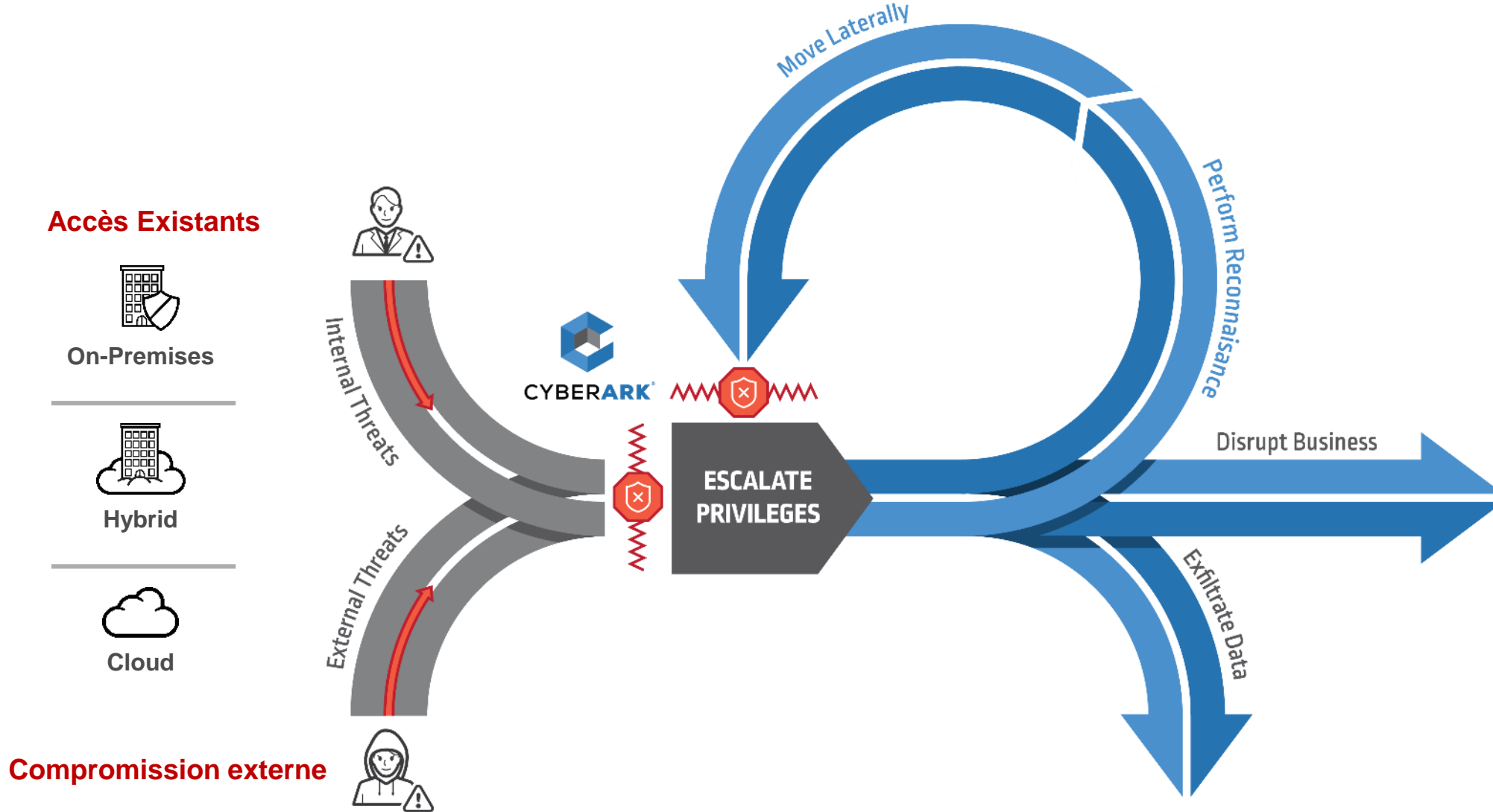
50% of organizations reported that their single worst breach during the previous year was attributed to inadvertent human error.

(Source: "Information Security Breached Survey." HM Government, Conducted by PwC, June 2015)



**Un employé de GitLab supprime
Accidentellement des données
importantes**

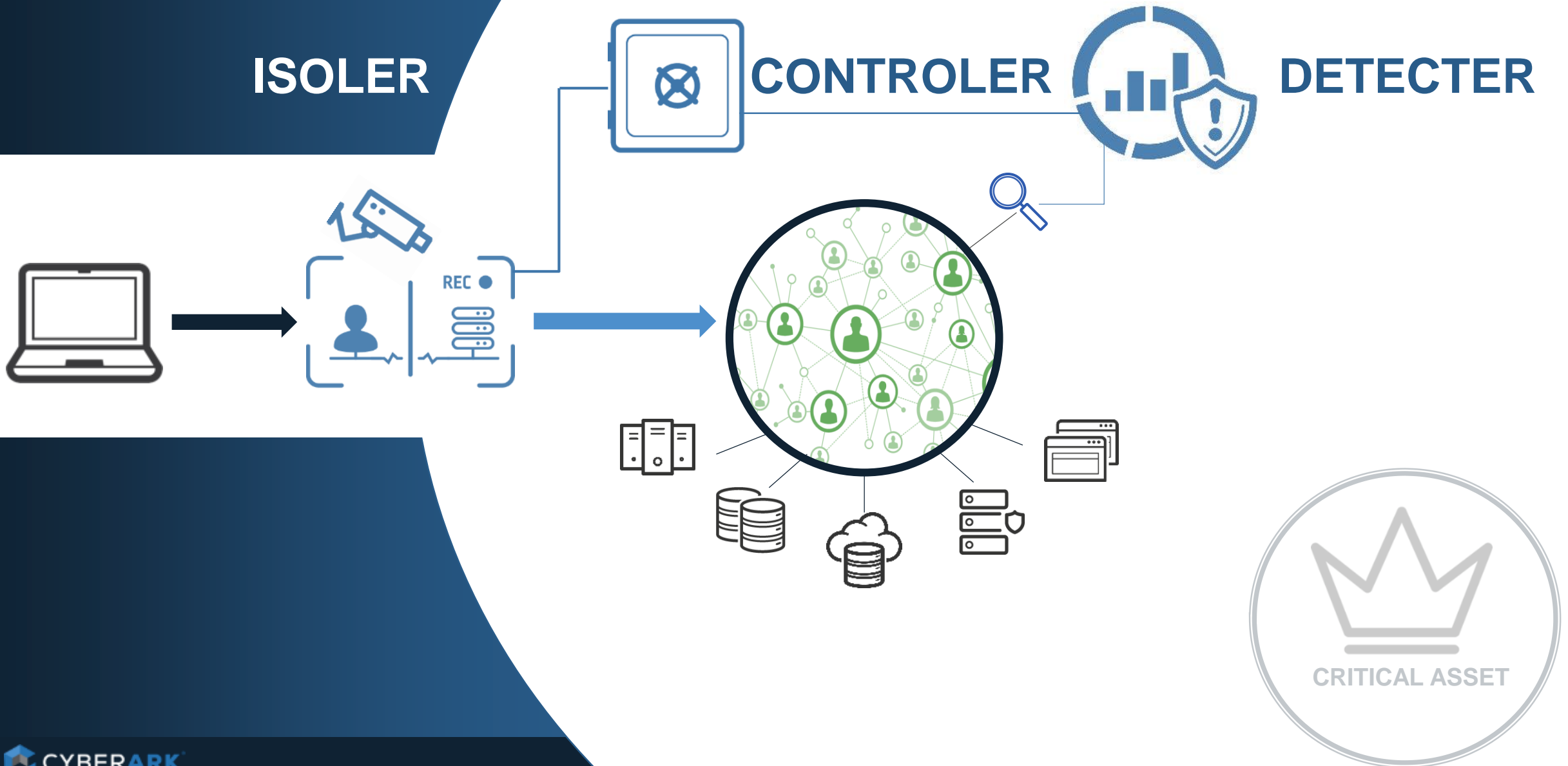
COMMENT ISOLER LES ÉQUIPEMENTS SENSIBLES



ISOLER

CONTROLLER

DETECTOR



LE FUTUR DES VOLS D'IDENTIFIANTS



Cloud



Environnements DevOps

AUTOMATISATION

Automatic Scale
Services

TECHNOLOGIES "SERVERLESS"

Fonctions & Containers

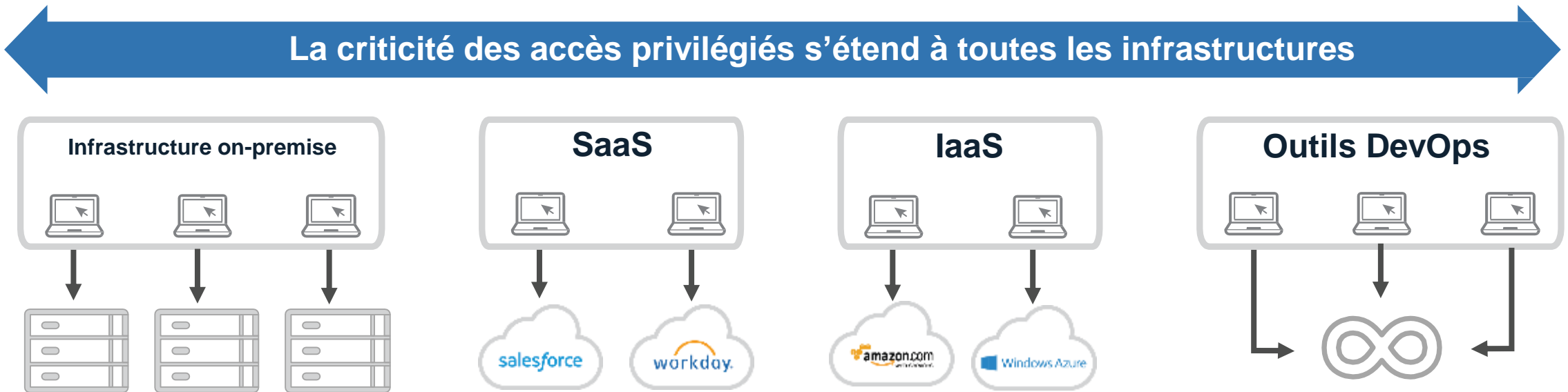


NOUVEAUX CREDENTIALS

Identité et Rôles Machine

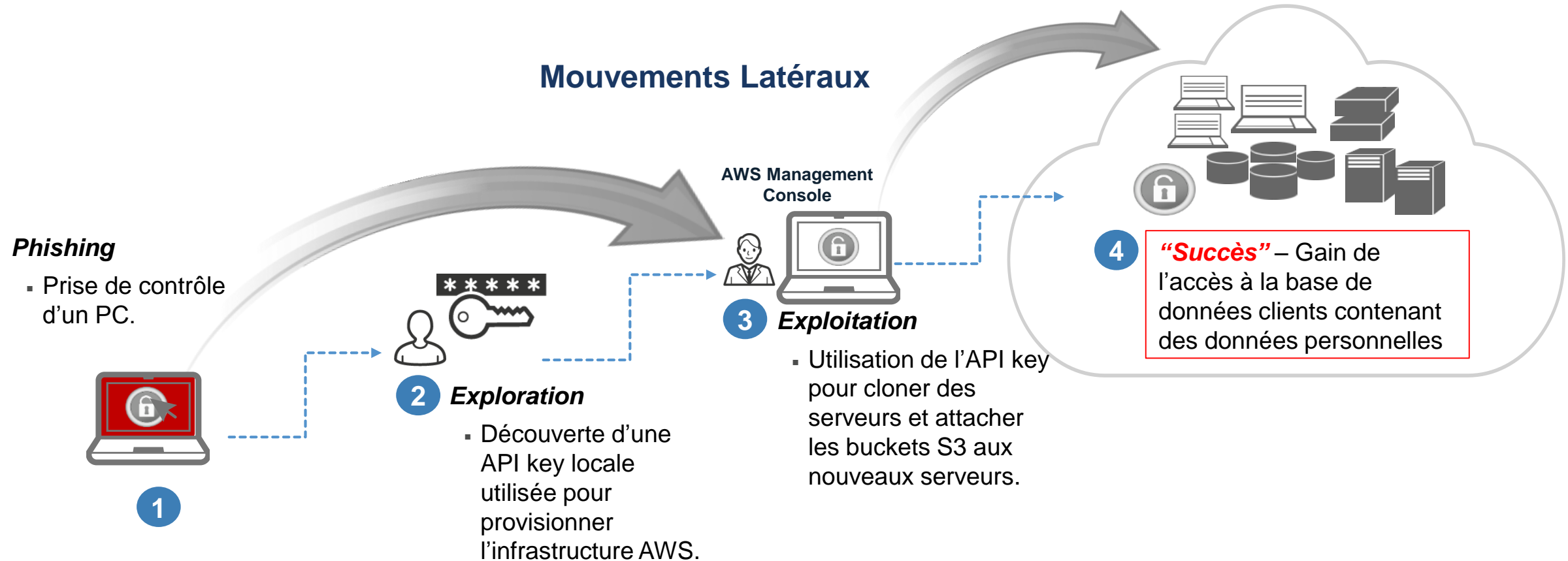
LA TRANSFORMATION DIGITALE MODIFIE LES ACCÈS

La transformation digitale s'accompagne de nouveaux processus d'administration des infrastructures, s'appuyant notamment sur des accès tiers, de l'automatisation et de l'orchestration.



EXEMPLE SIMPLE D'EXERCICE RED TEAM : LES VULNÉRABILITÉS FACE AU CLOUD

Demande client d'un exercice Red Team afin d'identifier des vulnérabilités potentielles




online **hacking**

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Lisa Martin

AAP  OCTOBER 12, 2017 7:51AM

Nouveau Monde... ...Mêmes Problèmes

CRYPTOCURRENCY JACKING —

Tesla cloud resources are hacked by cryptocurrency-mining malware

Crooks find poorly secured access credentials, use them to install malware

DAN GOODIN - 2/20/2018, 7:21 PM

AWS Encryption Keys Compromised in OneLogin Data Breach

June 8, 2017

by John Armstrong - Chief Marketing Officer | [LinkedIn](#)

Cloud-based Single Sign-on Services Exposed as Single Point of Failure

There is always, of course, a slight irony when companies focused on providing security for their customers suffer a data breach. On May 31, [OneLogin](#), a San Francisco-based company that allows users to reuse their login credentials to multiple sites and apps through a cloud-based platform, reported a troubling

LA METHODE

UNE APPROCHE BASÉE SUR LE RISQUE



SE DÉFENDRE AVEC UNE APPROCHE BASÉE SUR LE RISQUE



Eliminate Irreversible
Network Takeover Attacks



Control and Secure
Infrastructure Accounts



Limit Lateral Movement



Secure SaaS Admins and
Privileged Business Users

**Systematically Address
Organization's Top
Control Goals**



Manage *NIX
SSH Keys



Defend DevOps Secrets in the
Cloud and On-Premises



Protect Credentials for
Third-Party Applications

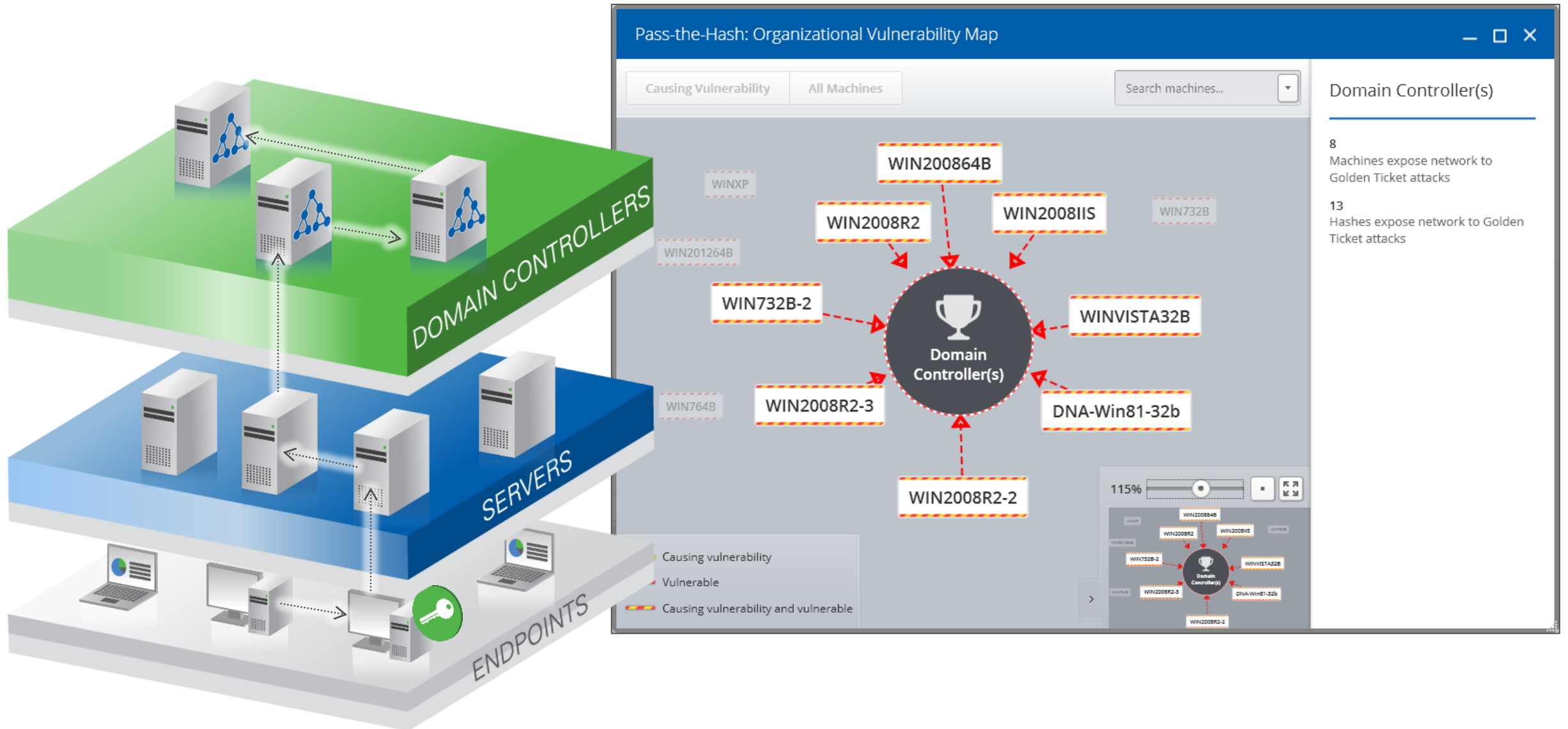
PAR OÙ COMMENCER ?

Identifier les accès à privilèges légitimes...



IDENTIFIER LES RISQUES – MOUVEMENTS LATÉRAUX

IDENTIFIER LES RISQUES– COMPROMISSION DE DOMAINE



QUESTIONS?

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