



CYBERARK[®]

BUSINESS CRITICAL APPLICATIONS

ROEE ABAIOV – ACCOUNT EXECUTIVE

PRIVILEGED CREDENTIALS IN THE NEWS

CIO Journal.

Malware Targets Vulnerable Admin Accounts

Many a CIO has warned employees about malicious links in e-mail that potentially give hackers an entry into corporate networks. Increasingly, sophisticated cyber attacks are using so-called privileged accounts.



Privileged Accounts Play Key Role in Advanced Cyber Attacks

Malware and attackers are increasingly targeting privileged accounts as part of multi-stage operations where they breach networks, gather information, and exfiltrate



Privileged Account Details Are Often Shared and Can Be a Weak Entry Point for Attackers

Privileged user accounts can be a way for attackers to infiltrate an entire network



Privileged Accounts at Root of Most Data Breaches

If enterprises ever were given wake-up call, it should be this: stealing and exploiting privileged accounts is a critical success factor for attackers in 100% of all



Watch the Watchers: 'Trusted' Employees Can Do Damage



Privileged Accounts: The Master Keys Hackers Know Best

One big reason cyberintruders can easily roam far and wide, once they crack inside a company network, is that many organizations pay scant heed to privileged accounts



Grasping the Problem with Privileged Accounts

Many in the security industry tend to focus on authentication strength a

The New York Times

Attack Gave Chinese Hackers Privileged Access to U.S. Systems

By DAVID E. SANGER, NICOLE PERLROTH and MICHAEL D. SHEAR JUNE 20, 2015



FINANCIAL TIMES

myFT

England

+ Add to myFT

England's NHS hit by large scale cyber attack

6 HOURS AGO by: Financial Times

England's National Health Service has been hit by a large scale cyber attack, with hospitals across the country reporting IT systems are down.



Privilege Comes with Peril in World of Cybersecurity

Security experts have been warning enterprises for some time that the greatest security threats come from within: their own employees. And that message has apparently

Uber Hack Shows Vulnerability of Software Code-Sharing Services

By Jeremy Kahn

Cyber-Safe

Every single Yahoo account was hacked - 3 billion in all

by Selena Larson @selenalarson

October 4, 2017, 6:30 PM ET

Recommend 140

"WannaCry" ransomware attack losses could reach \$4 billion

CYBERARK'S MISSION

Provide a critical layer of
PRIVILEGED SECURITY

To protect against
advanced cyber threats



#1 Leader in Privileged Access Security



More than 4,400 customer globally

FORTUNE

**Securing Privilege at more than 50% of the
Fortune 500**



TRUSTED BY CUSTOMERS WORLDWIDE



4,400+ Global Customers
More than 50% of Fortune 500
More than 30% of Global 2000

MARKET LEADERS CHOOSE CYBERARK



Manufacturing

20 OF THE TOP 25

[Rankings](#)



Telecom

18 OF THE TOP 25

[Rankings](#)



IT Services

22 OF THE TOP 25

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Insurance

20 OF THE TOP 25

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Banks

21 OF THE TOP 25

[Rankings](#)



Energy

17 OF THE TOP 25

[Rankings](#)

Sourced: CyberArk analysis based on the following industry rankings found in the links above

CYBERARK NAMED A LEADER IN GARTNER 2018 MAGIC QUADRANT FOR PRIVILEGED ACCESS MANAGEMENT

CyberArk positioned highest for ability to execute and furthest for completeness of vision

Magic Quadrant

Figure 1. Magic Quadrant for Privileged Access Management



Source: Gartner (December 2018)

Gartner, Magic Quadrant for Privileged Access Management, Felix Gaehtgens, Dale Gardner, Justin Taylor, Abhyuday Data, Michael Kelley, 3 December 2018

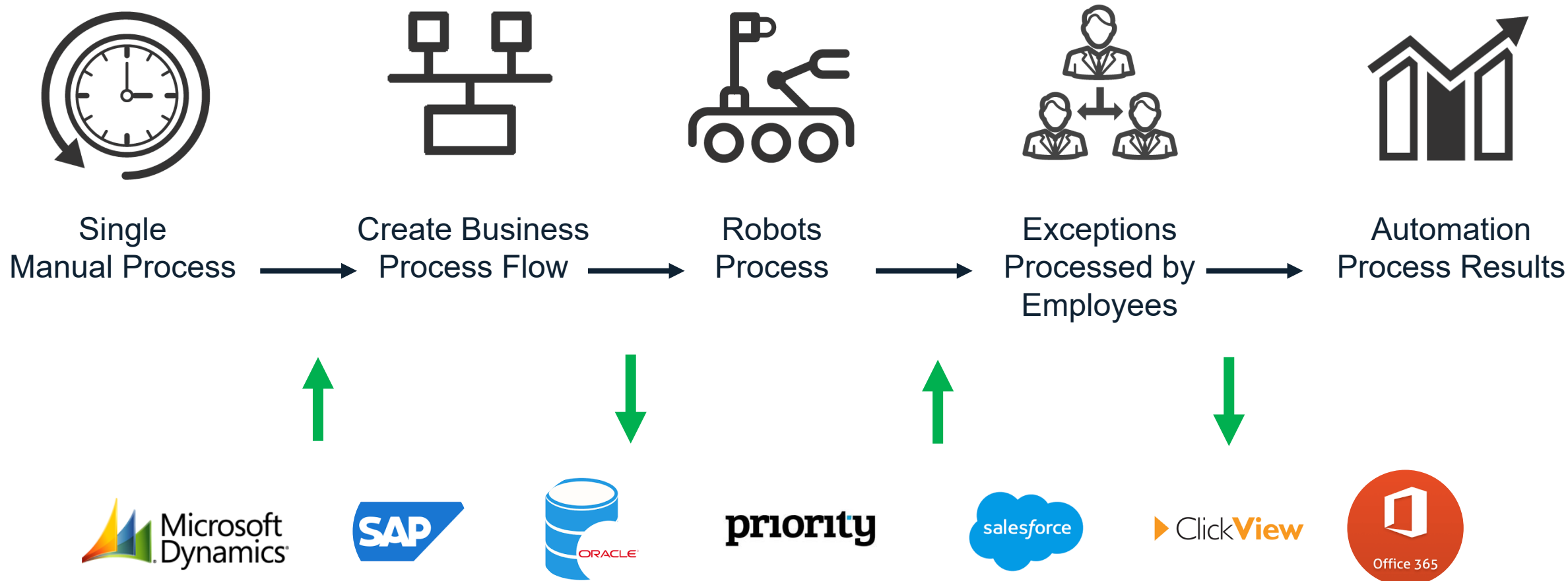
This graphic was published by Gartner, Inc. as part of a larger research document and should be evaluated in the context of the entire document. The Gartner document is available upon request from <https://lp.cyberark.com/gartner-mq-pam-leader>

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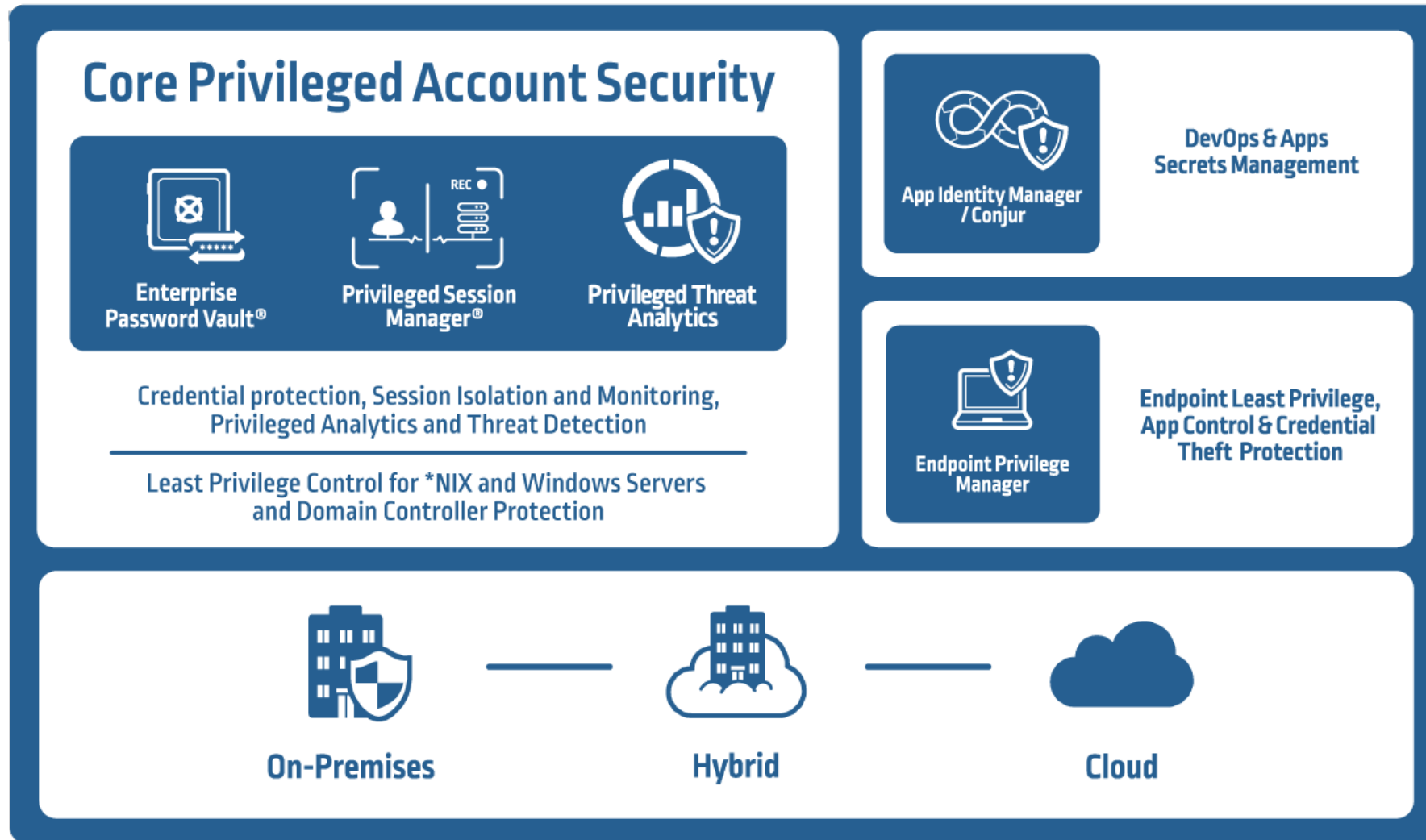
Are the apps that run your business also
your **Achilles' heel** in the age of
Industry 4.0?



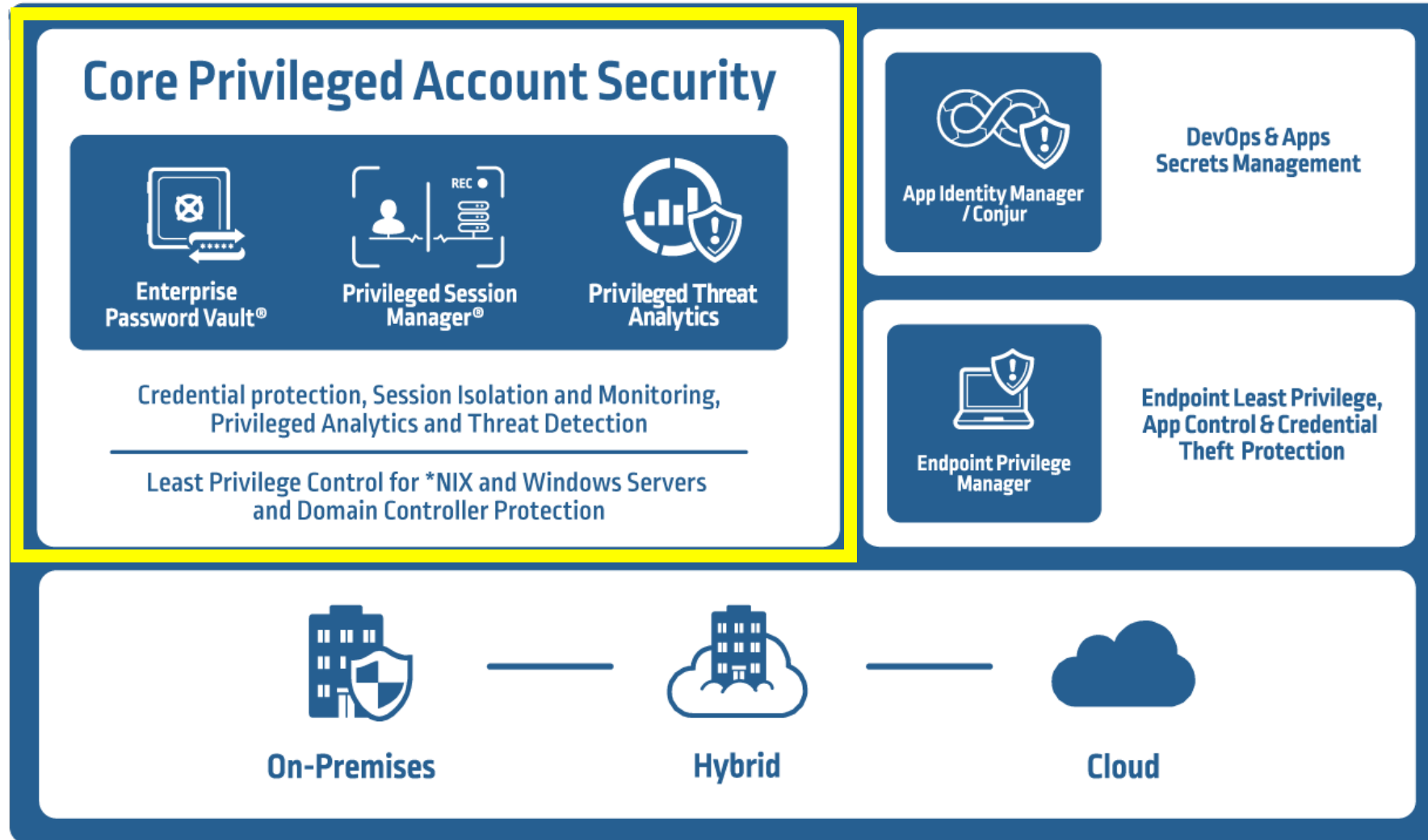
AUTOMATING THE INDUSTRY INTO THE AGE 4.0



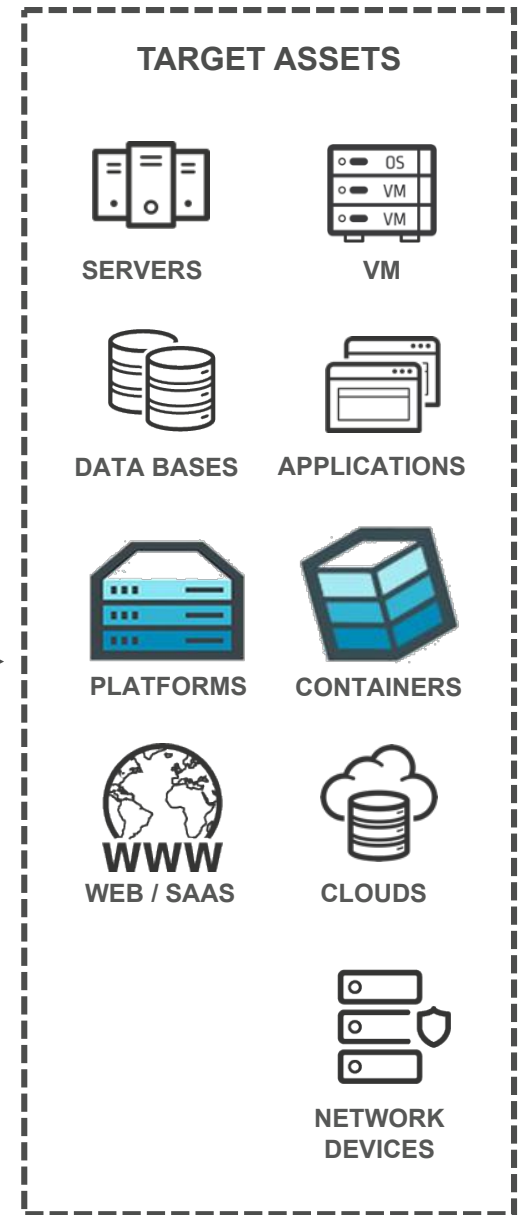
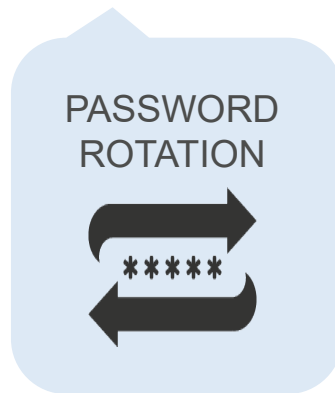
CYBERARK PRIVILEGED ACCOUNT SECURITY SOLUTION



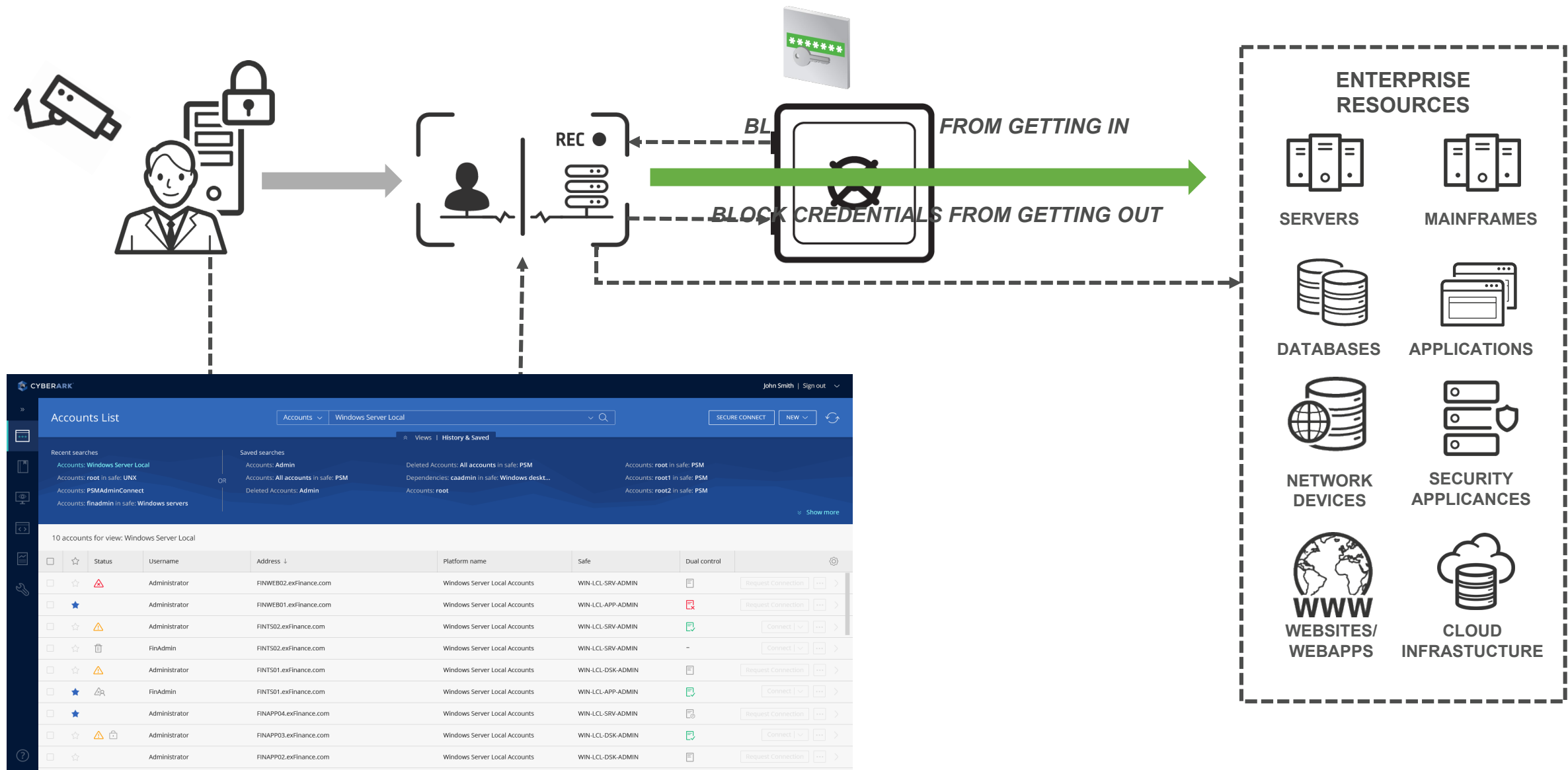
CYBERARK PRIVILEGED ACCOUNT SECURITY SOLUTION



DIFFERENT CREDENTIALS ON ADMIN STATION

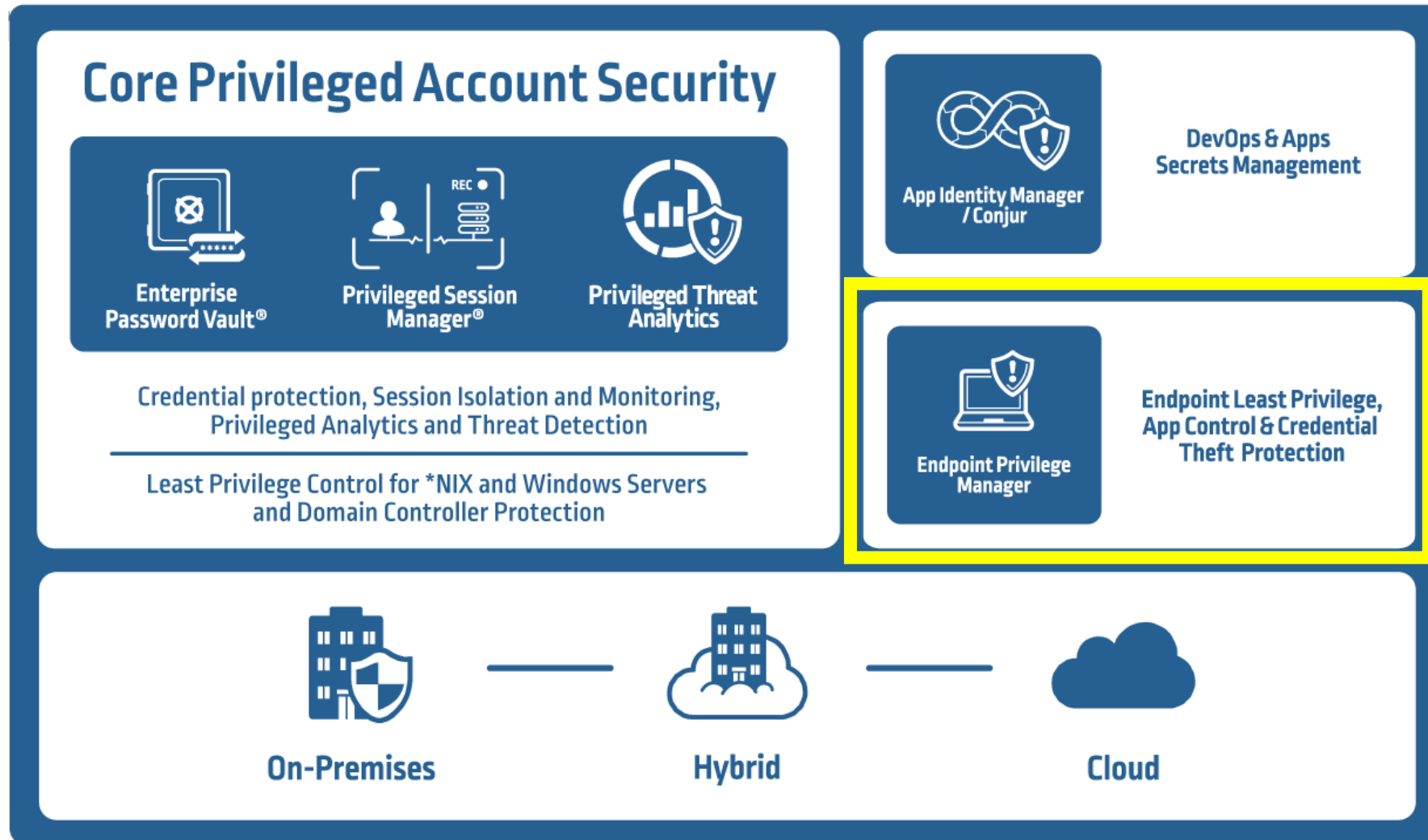


SESSION ISOLATION, MONITORING AND RECORDING



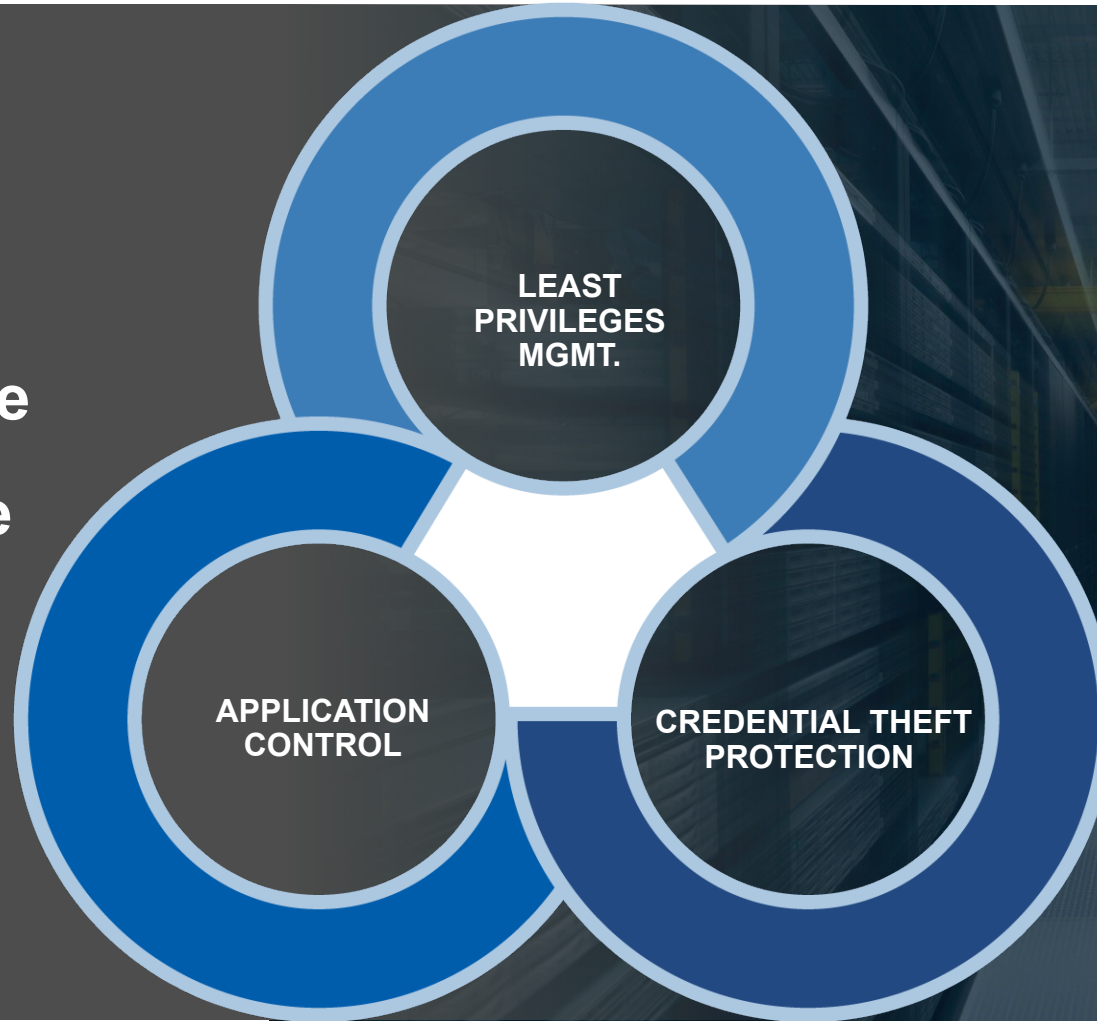
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CYBERARK PRIVILEGED ACCOUNT SECURITY SOLUTION



CYBERARK ENDPOINT PRIVILEGE MANAGER

Enable privilege
security on the
endpoint



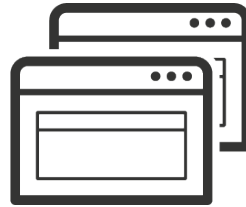
ENDPOINT PRIVILEGE MANAGER

LOCK DOWN PRIVILEGE ON THE ENDPOINT AND CONTAIN ATTACKS EARLY IN THEIR LIFECYCLE



Privilege management

- Remove local admin rights from business users
- Control command line activity
- Segregate duties on Windows Servers



Application control

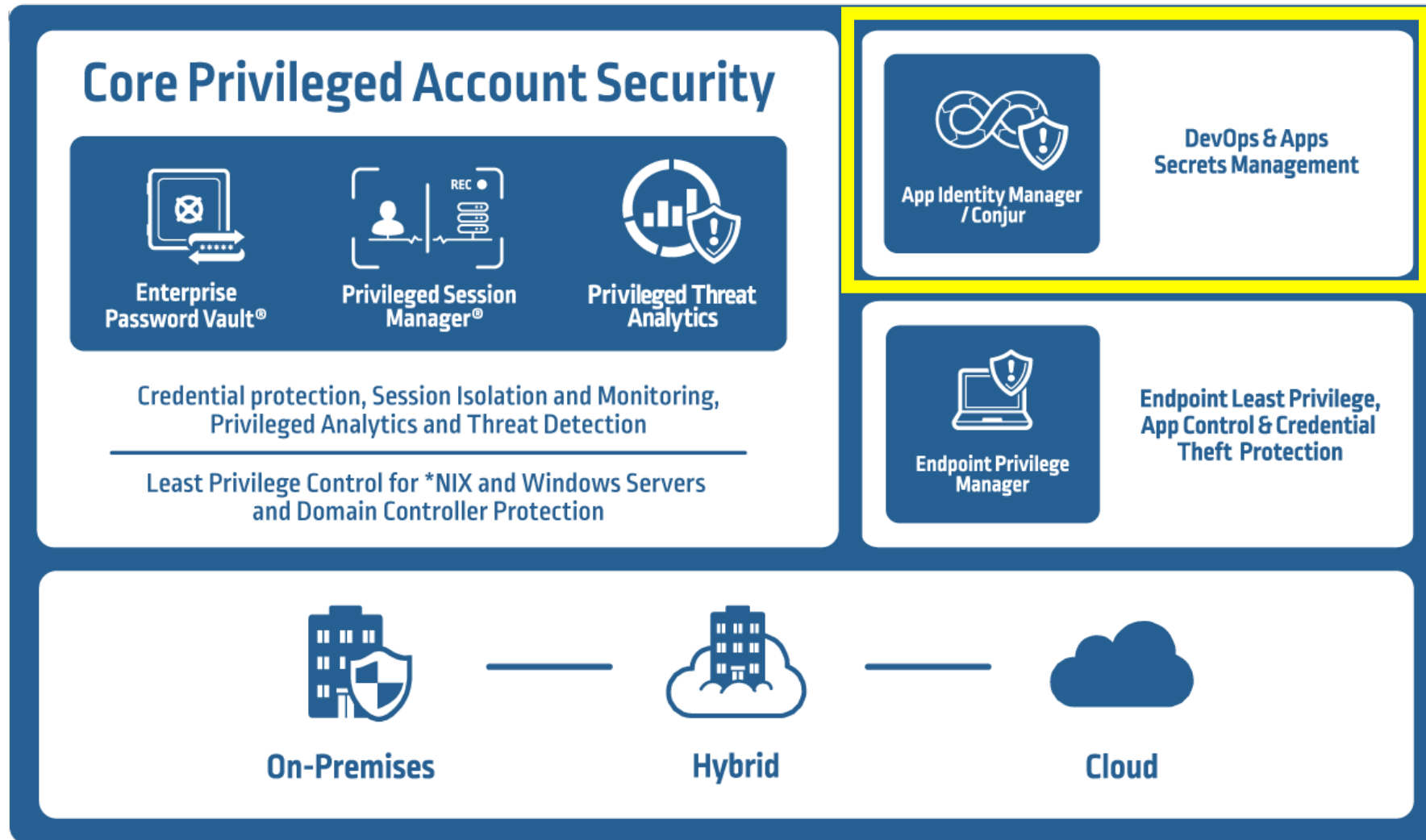
- Block malicious applications from running
- Elevate privileges for authorized applications
- Streamline application control policy definition using Application Risk Analysis



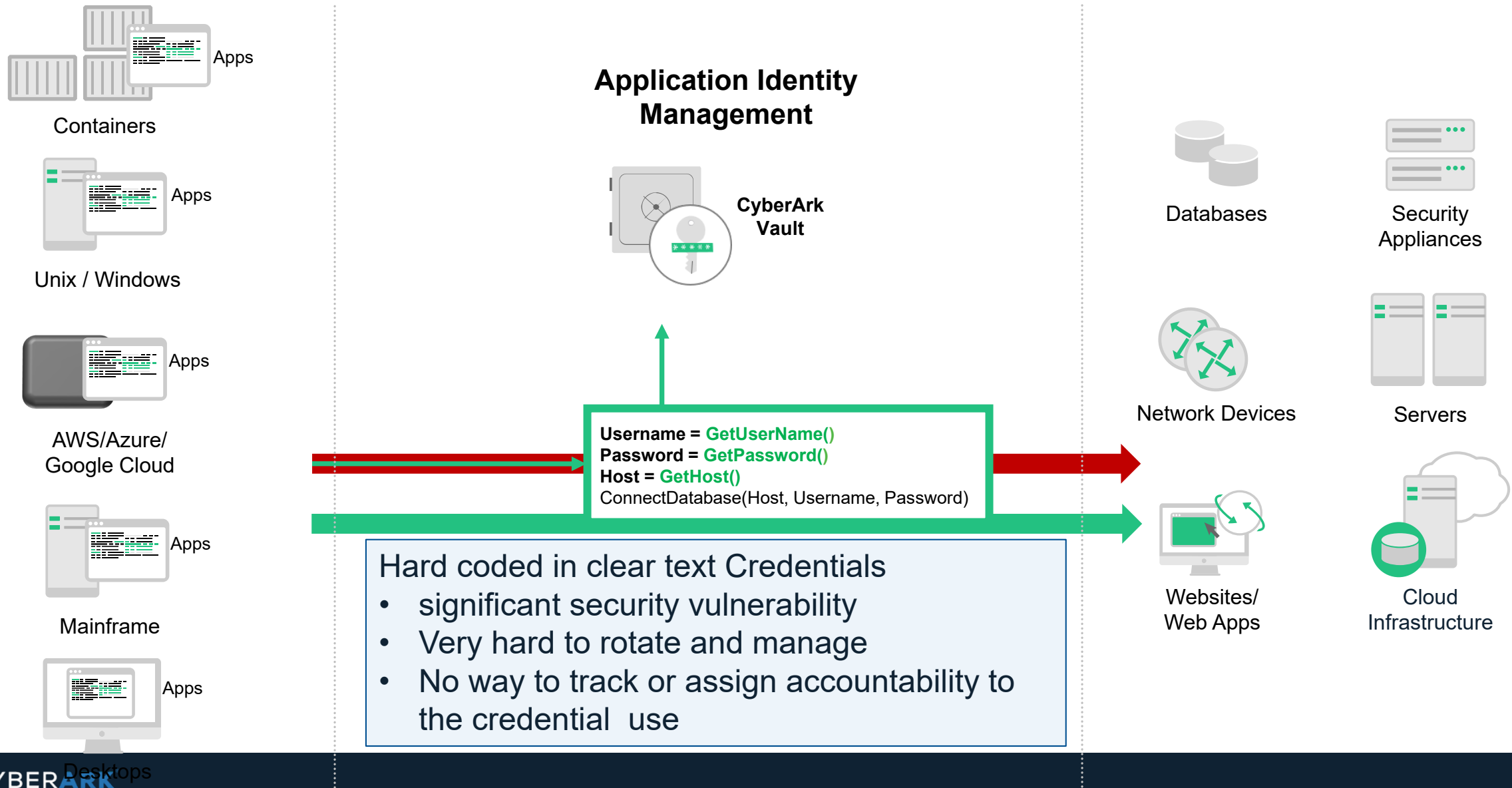
Credential theft protection

- Detect and block suspected credential theft attempts
- Protect OS, Browser and file cache credential stores
- Contain attacker to the endpoint

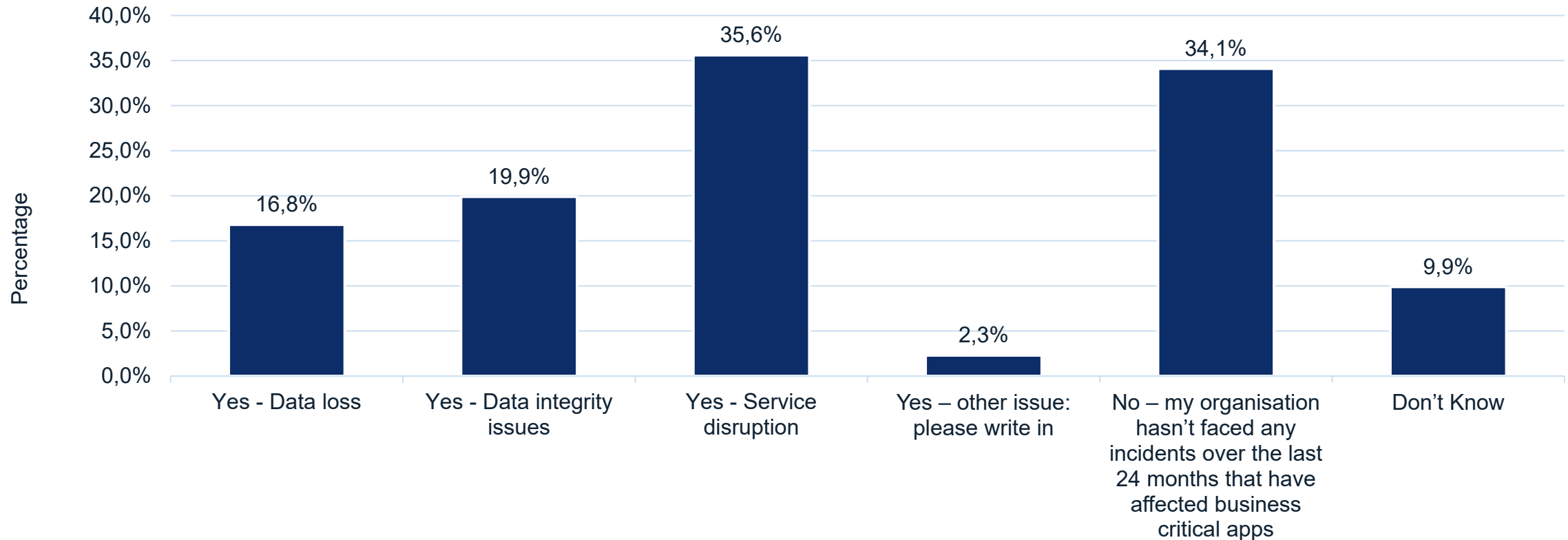
CYBERARK PRIVILEGED ACCOUNT SECURITY SOLUTION



ARCHITECTURE: HIGH-LEVEL TOPOLOGY

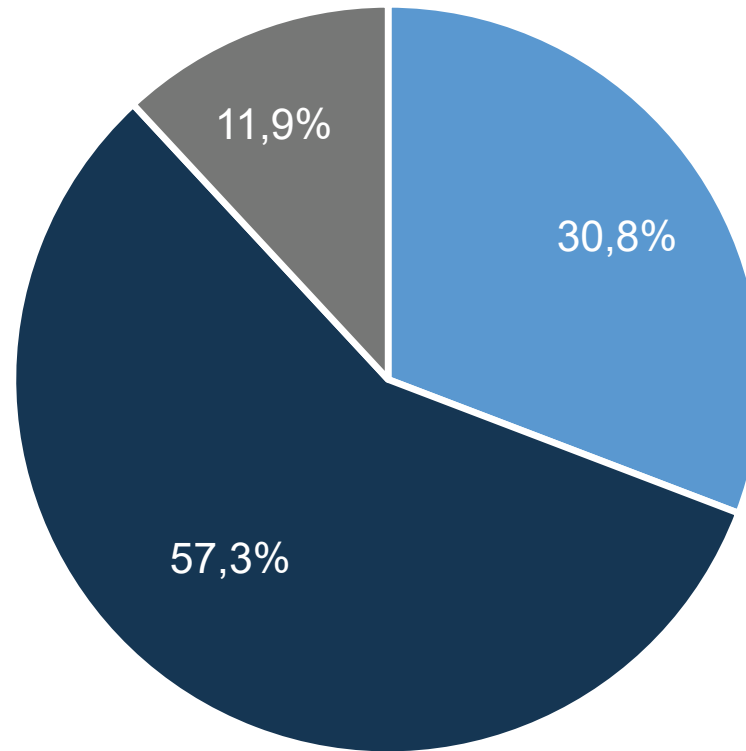


HAS YOUR ORGANISATION FACED ANY INCIDENTS OVER THE LAST 24 MONTHS THAT HAVE RESULTED IN ANY OF THE FOLLOWING OUTCOMES TO BUSINESS CRITICAL APPS?



56.1 % have had an incident in the past 24 months

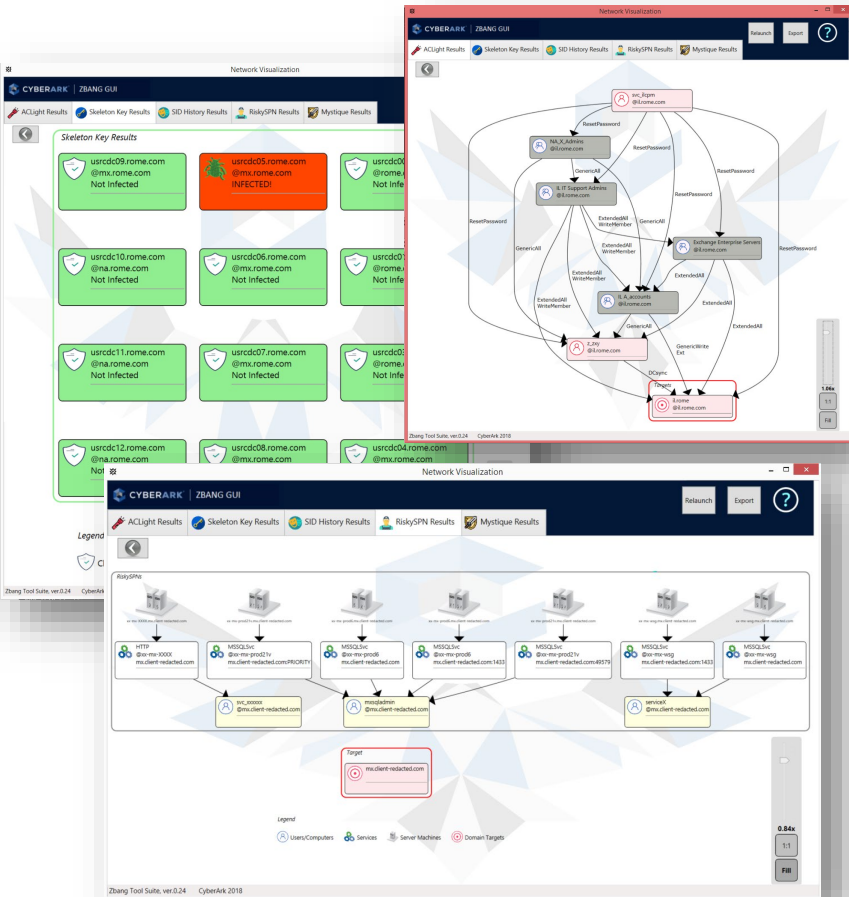
WHICH OF THE FOLLOWING STATEMENTS MOST CLOSELY DESCRIBES YOUR ORGANISATION'S APPROACH TO CYBER SECURITY?



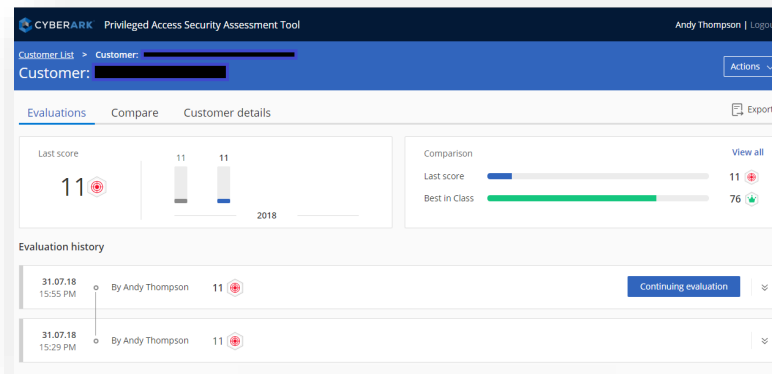
- My organisation prioritise protecting against attacks on business-critical applications
- **My organisation gives equal priority to protection of all applications and infrastructure**
- Don't know

SUBMIT FOR ASSESSMENT TODAY!

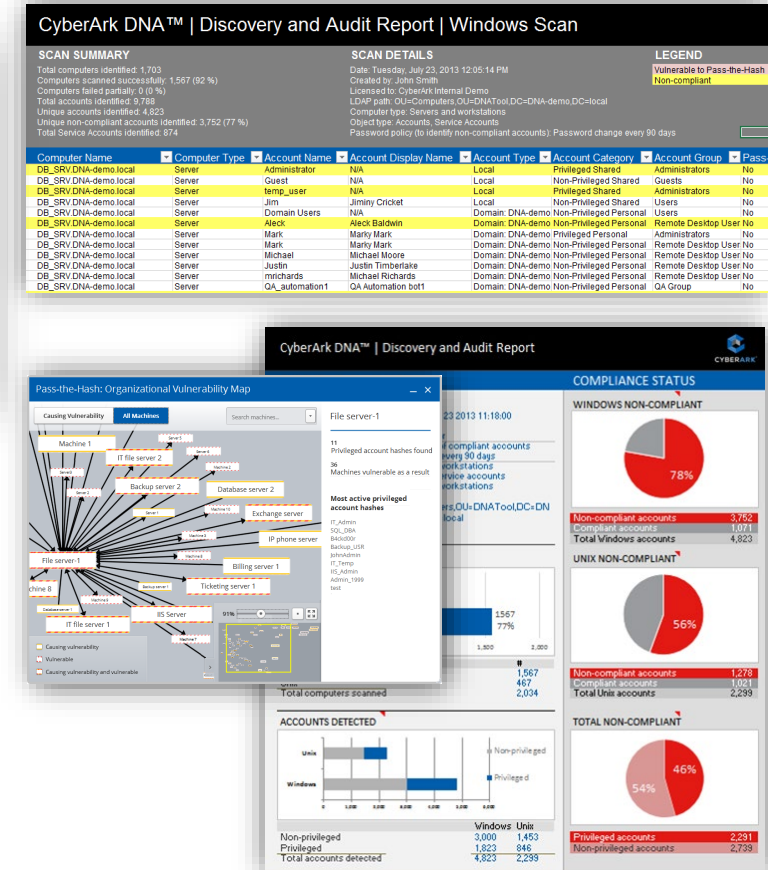
zBANG



PAS Assessment



DNA



Thank you

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