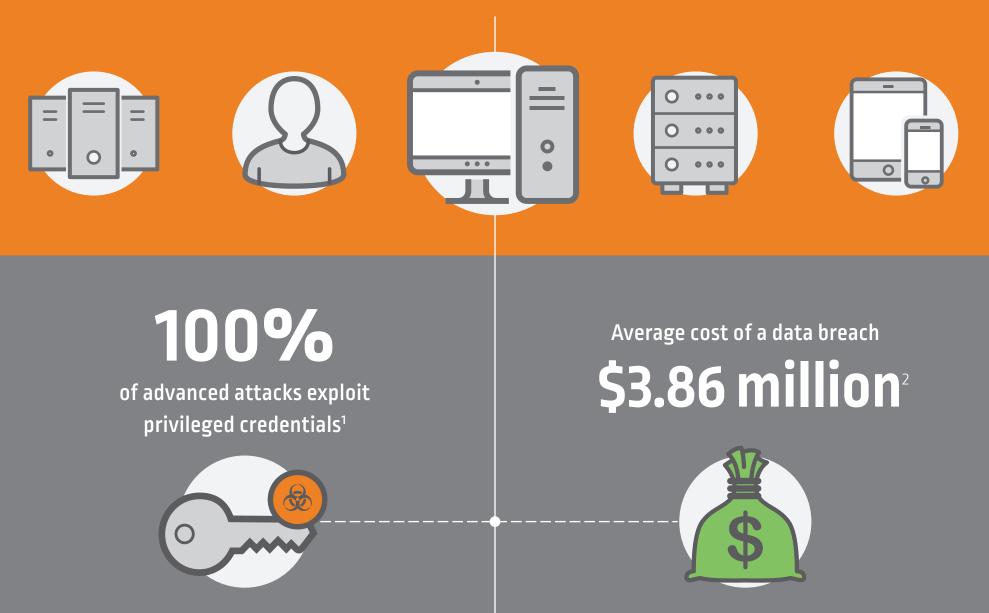
# A Security Imperative The Evolution of **Privileged Access**

Privileged accounts, credentials and secrets exist everywhere on-premises, in hybrid cloud and DevOps environments, and on the endpoint.

With investments in modern infrastructure and digital transformation, the attack surface is expanding exponentially.



90%

of organizations feel vulnerable to insider threats<sup>3</sup>



A business will fall victim to a ransomware attack every 14 seconds

by 2019<sup>4</sup>



## **IoT devices**

will be the biggest technology crime driver in 2018<sup>5</sup>



Approximately

of breaches associated with state-affiliated actors involve phishing<sup>6</sup>



Major cyber attacks over the past decade all have a privileged access connection.



Phishing attack leads to compromise of 3 billion Yahoo user accounts



Ukraine power grid taken down leaving 230,000 residents in the dark

Hollywood Presbyterian Medical Center targeted in ransomware attack



A massive Mirai botnet --distributed denial of service (DDOS) attack exploits insecure IoT devices compromised through default passwords

#### 2008

San Francisco network administrator Terry Childs holds city's network hostage

#### 2013



NSA contractor **Edward** Snowden arrested for espionage

#### 2015

U.S. Office of Personnel Management breach exposes 21.5 million records

#### 2016



\$81 million Bangladesh Bank heist accomplished through the compromise of SWIFT-connected systems

Uber breach exposes cloud and DevOps vulnerabilities, along with 57 million driver and passenger records



WannaCry and Petya usher

in era of crippling

ransomware attacks



### 2018

Ransomware attack cripples city of Atlanta's computer network, costs taxpayers approximately \$17 million

This is why **Gartner identified privileged account management** as the No.1 security project for CISOs<sup>7</sup> and controlling the use of administrative privileges is a **top 5** basic CIS control<sup>8</sup>

To learn more, download the Gartner 2018 Magic Quadrant for Privileged Access Management<sup>9</sup>

www.cyberark.com/gartner-mg

**Download Report Now** 



<sup>&</sup>lt;sup>7</sup> Gartner, Smarter with Gartner, Gartner Top 10 Security Projects for 2018, June 6, 2018 <sup>3</sup> The Center for Internet Security (CIS) <sup>2</sup> Gartner, Magic Quadrant for Privileged Access Management, Felix Gaehtgens, Dale Gardner, Justin Taylor, Abhyuday Data, Michael Kelley, 3 December 2018