All about Threat Hunting *by*

TEMS SECURITY SERVICES


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Agenda

- Why Log Management?
- Why TEMS-Security is using Elastic as SIEM?

1.
Cyber Kill Chain

Cyber-Kill-Chain

RECONNAISSANCE

WEAPONIZATION

DELIVERY

EXPLOITATION

INSTALLATION

COMMAND & CONTROL (C2)

ACTIONS ON OBJECTIVES (what`s next?)

Source: https://www.lockheedmartin.com/

THE LOCKHEED MARTIN CYBER KILL CHAIN ®

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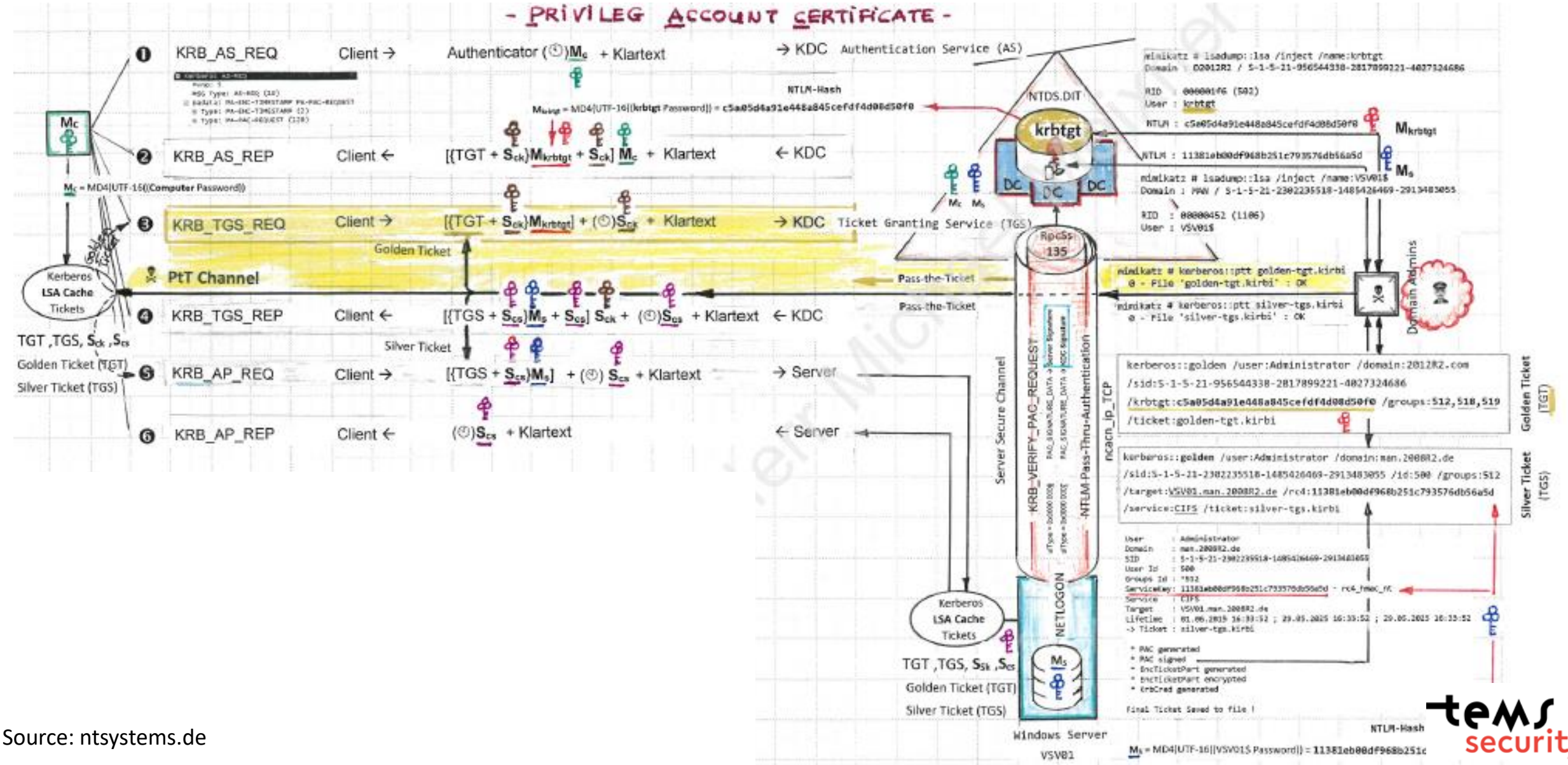
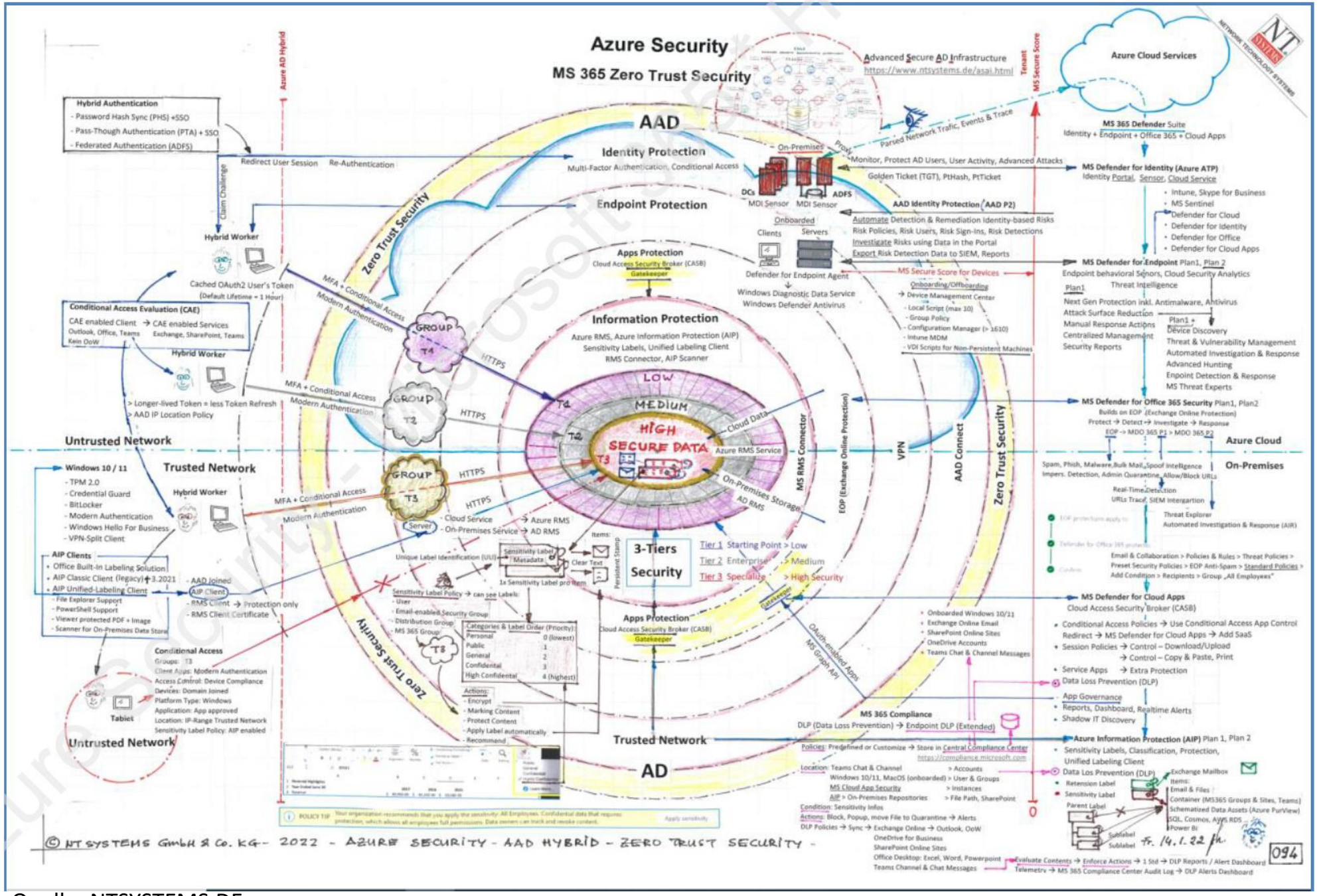
2.
Authentication Basics

Kerberos 101



Source: ntsystems.de

3.
Complex but not Complicated



Quelle: NTSYSTEMS.DE

4.
Minutes matter

Why Security Log Management in General

OR

Source: Cybok.org

Why we trust in Elastic as SIEM?

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Forrester Wave™: Security Analytics Platforms, Q4 2022

Elastic ist Leader im Q4 2022 Forrester Wave™ Report

Why Tems Security use Elastic as SIEM?

- We have been implementing Elastic since 2019.
- Elastic is fully transparent with log collection and display.
- Great source for troubleshooting for fixing existing Windows, Network and Linux errors.
- It is one of our Top 3 Tools for Incident Response Fall.
- No license for On-Prem Installation.
- Cloud ready within 30 minutes.
- GUI customises most features since Version 8.0.
- Huge focus on Security monitoring.

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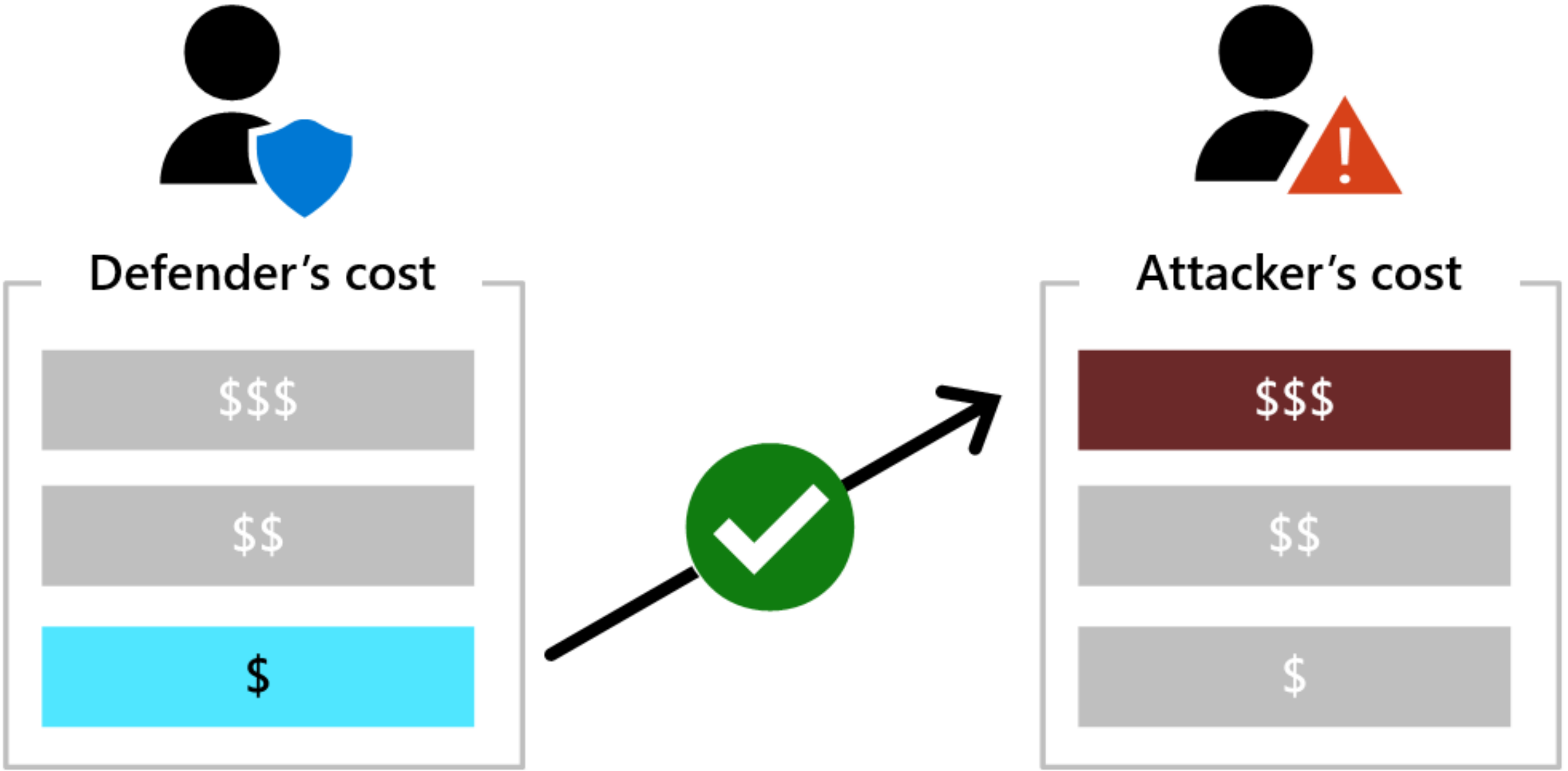
knowledge is the answer

(two more slides)



Source: Microsoft

Rules of the game

- The hacker need **only one Vulnerability or misconfiguration** and the hacker has access to an company network.
- A company can catch the hacker with **only through command or lateral movement** within the network and we are able to detect the hacker.

Training and knowledge are the key factor for success

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Minimum requirements for IT operations

EDR Solution as Antivirus solution with right configuration for Client and Server

Tier Level Model / Just enough Administration (aka JEA)

Active Directory Hardening / Microsoft Azure Hardening (implement all paid services as E3)

Active Log Management (aka SIEM) for AD, Azure, Firewall,EDR with active Alerting

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Save the date

On May 10th, we plan our 6. Webinar with the topic

Azure Hardening 101

and

Physical Security 101

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