Tems Security Service GmbH









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



How to make it easy for Hackers Easy administration

Backup run with

Domain admin user

local admin rights for anything who request it

Tier Model is to much work

Perform admin tasks from user workstations

Admin shares with everyone rights

Full unlimited
Internet access for all Server without logging

Default passwords are easy to remember

MFA is too boring

Use standard password for service accounts

Password in clear text in txt or excel without PW No Firewall Logging and a lot "Any to Any" Rules

Password policy OK but password expire set to "Never"





How to make it harder for the attacker
State of the art administration

Protect Backup
Solution

No local admin account

Strict Tier Model for users

Admin should use PAW for admin activities

Proper Client
Patch
Management

No Internet Access
for Servers

Hardening of IT-Equipment Implement MFA for all external access

Recurring change of service account password

Windows Machine
Password change
every 3 days

Advanced Logging for Windows

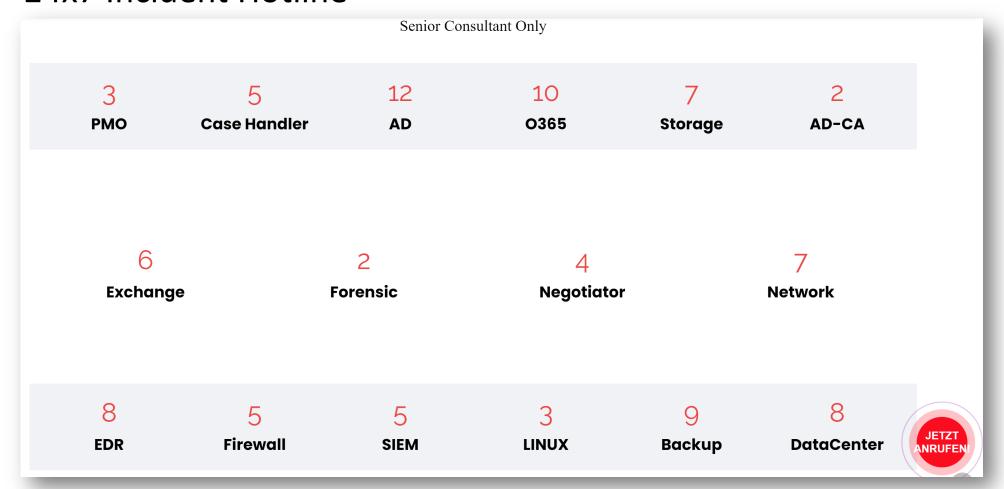
Systems

Setup smart and clever Honeypots



DFIR –Digital Forensic Incident Response

• 24x7 Incident Hotline

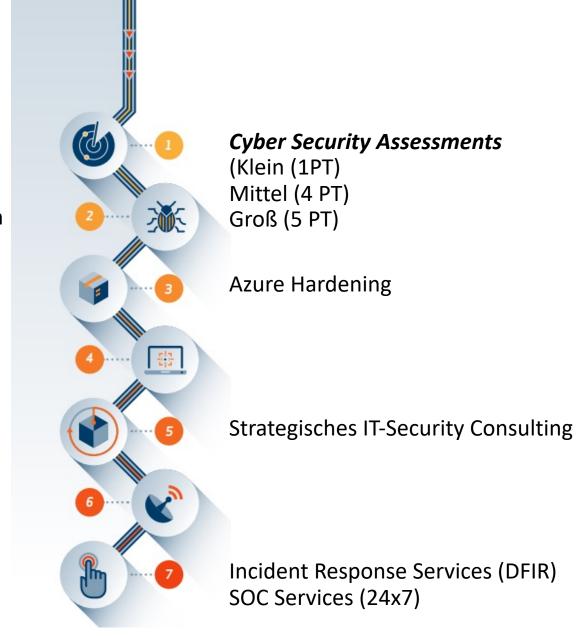


Services

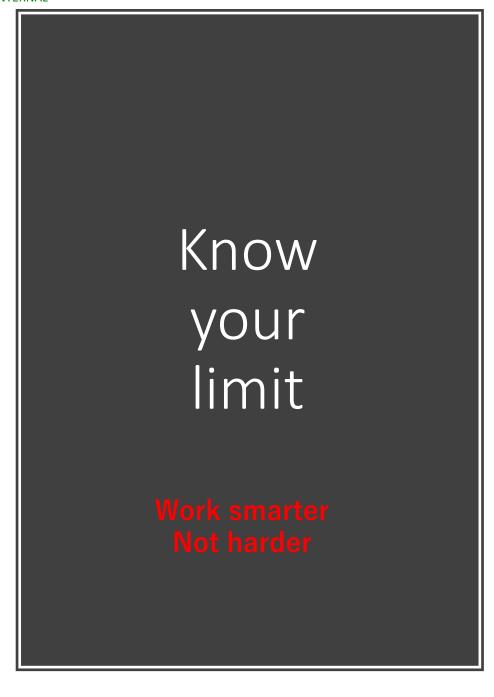
Implementierung von SIEM-Lösungen

Active Directory Hardening

Computerforensic Services eDiscovery Services









Source: Internet







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