



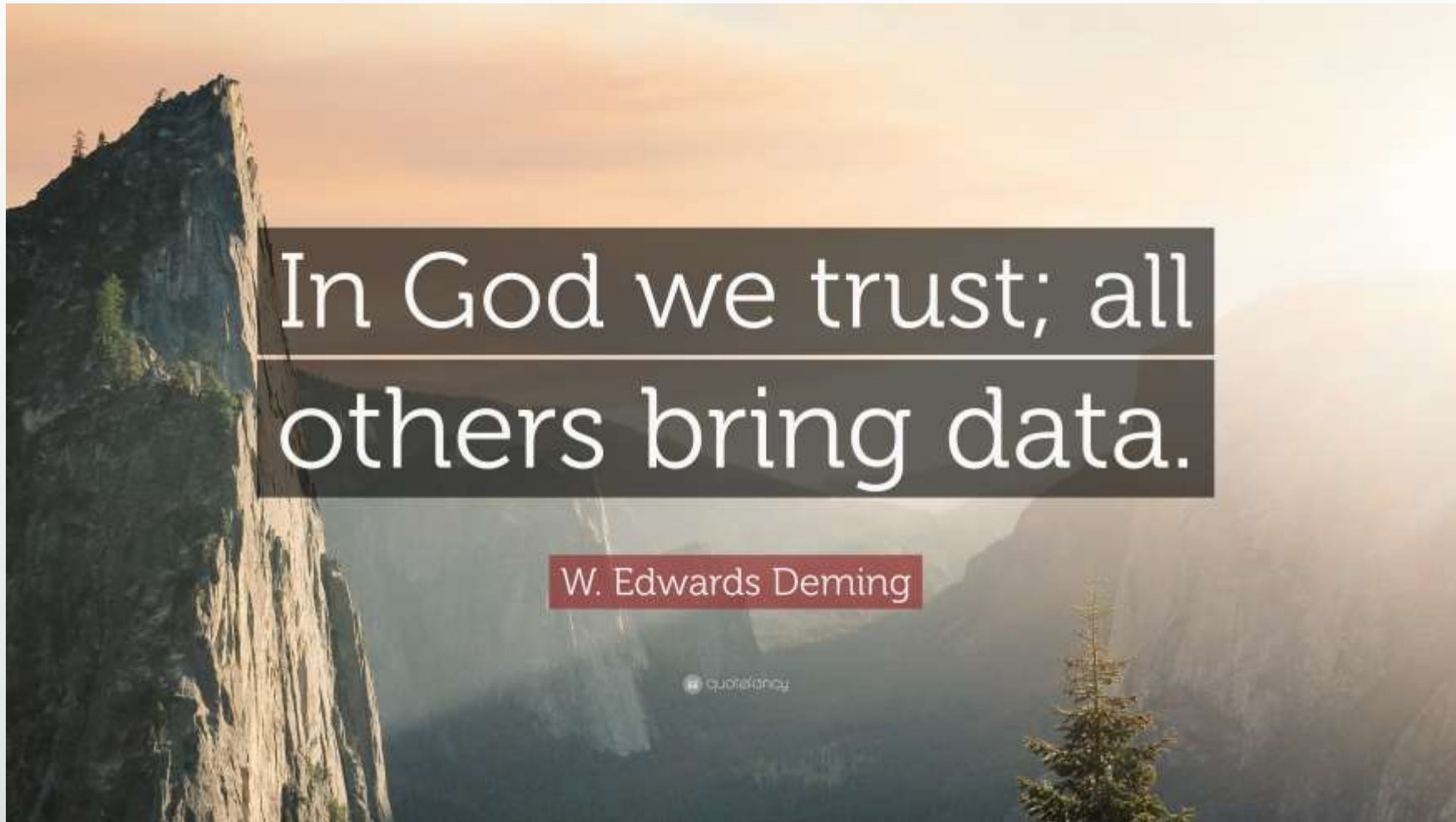
GDPR – FROM A HACKING POINT OF VIEW

Csaba Virág, Cyber Services Plc.

Cybercrime cost estimates have risen from \$400 billion in early 2015 to \$6 trillion by 2021.

By 2020 the world will need to cyber-defend 50 times more data than it does today.

Cybersecurity Ventures projects \$1 trillion will be spent globally on cybersecurity from 2017 to 2021.



In God we trust; all
others bring data.

W. Edwards Deming

quotefancy

Actors behind advanced persistent threats create a growing and changing risk to organizations' financial assets, intellectual property, and reputation by following a continuous process or kill chain as follows.

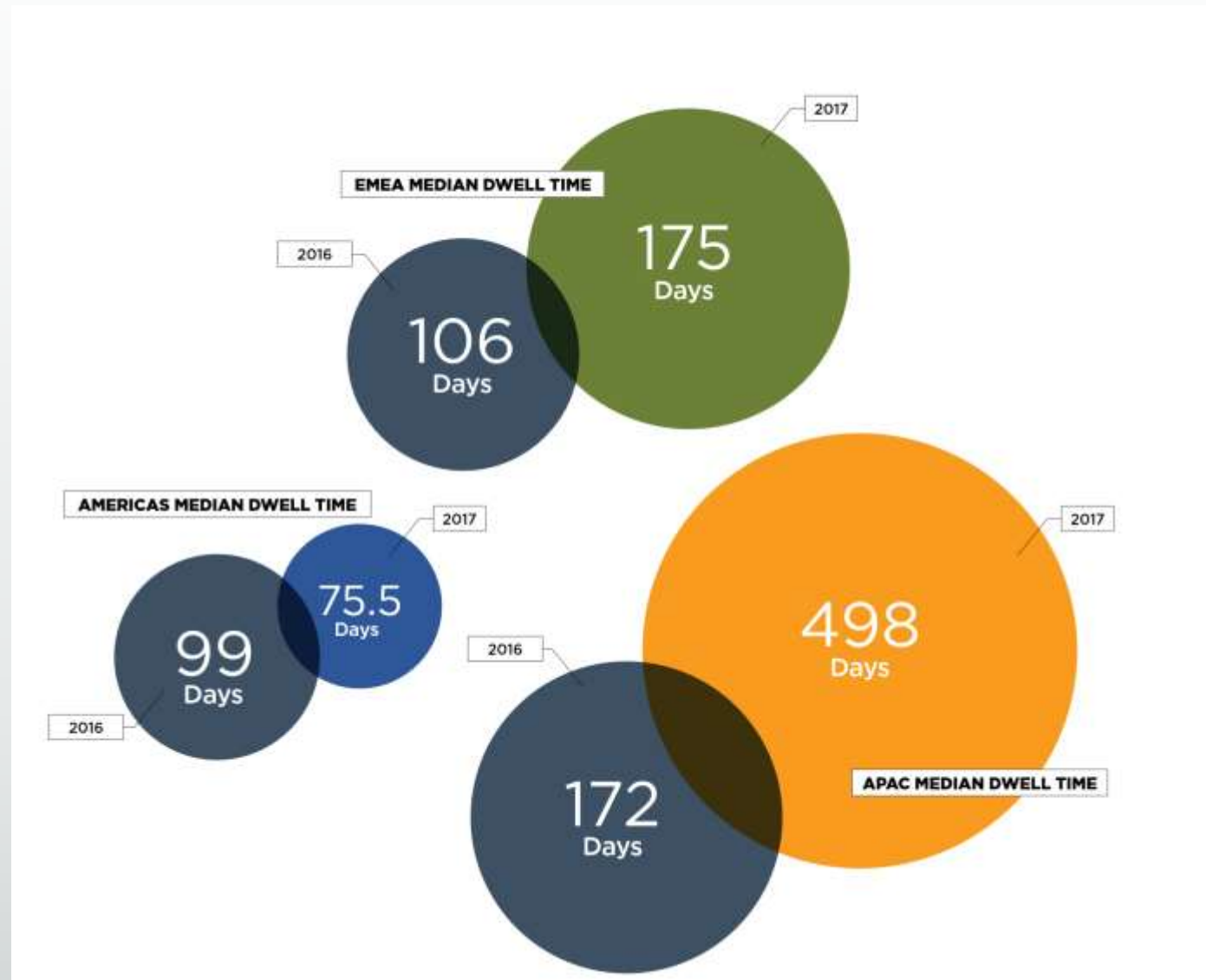
Target specific organizations for a singular objective

Attempt to gain a foothold in the environment (common tactics include spear phishing emails)

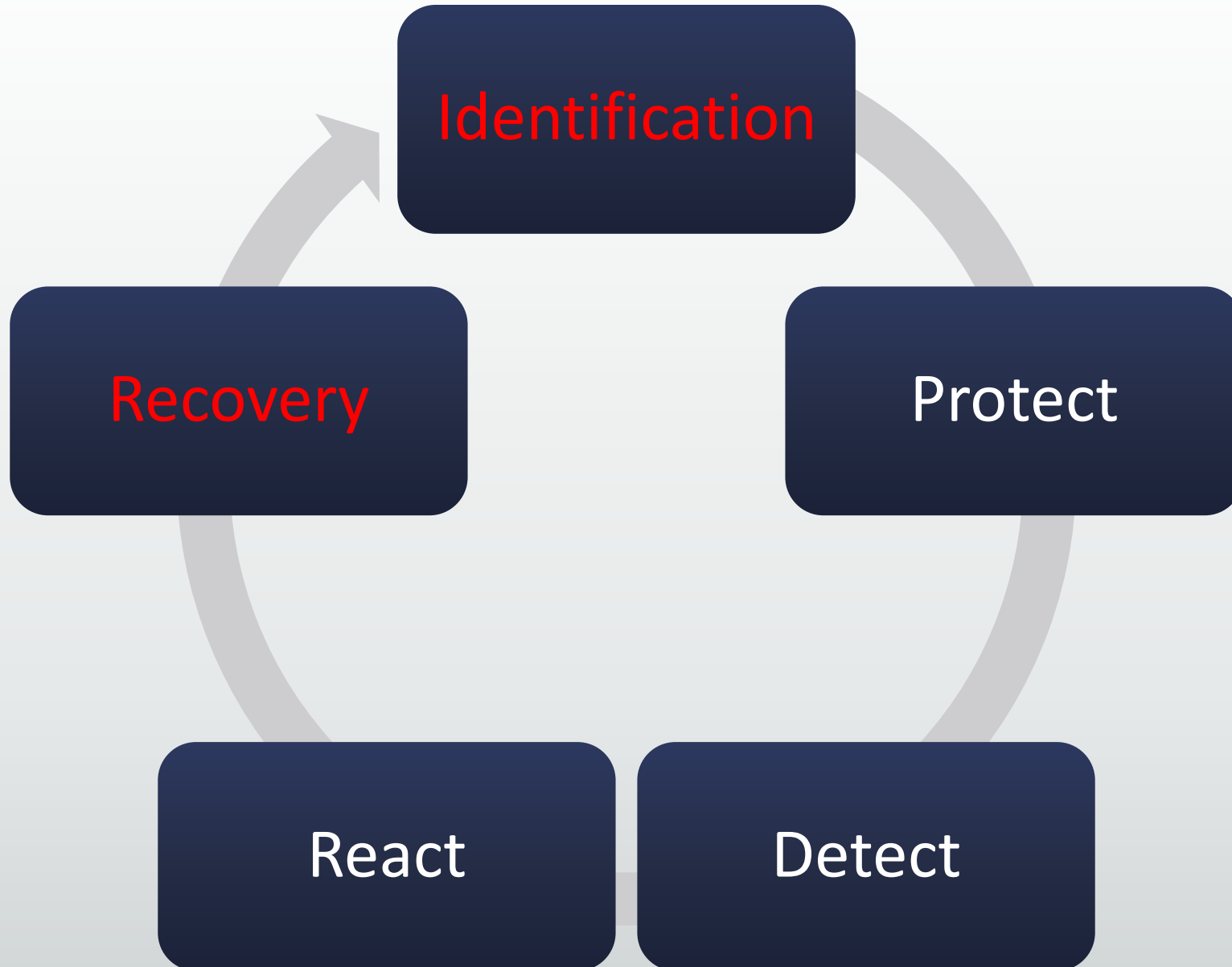
Use the compromised systems as access into the target network

Deploy additional tools that help fulfill the attack objective

Cover tracks to maintain access for future initiatives







Security-by-design

Privacy-by-design

GDPR as extortion

Changing attack landscape

Preventive (Proactive) Security

- APPLIED INTELLIGENCE or CTI (CYBER THREAT INTELLIGENCE)
- AWARENESS
- ETHICAL HACKING
- GAMIFICATION
- CYBER EXERCISES



Thank you for your attention
Riga 2018