TEXAS RE

MOVEit Vulnerability

John Romero
CIP Cyber and Physical Security Analyst

May 2, 2024

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Upcoming Texas RE Events

May 15, 2024

Quarterly MRC, AGR&F, and Board Meetings

May 21, 2024

Summer Outlook

May 22, 2024

IBR Registration

Upcoming ERO Enterprise Events

May 14-16, 2024

Physical Security Workshop

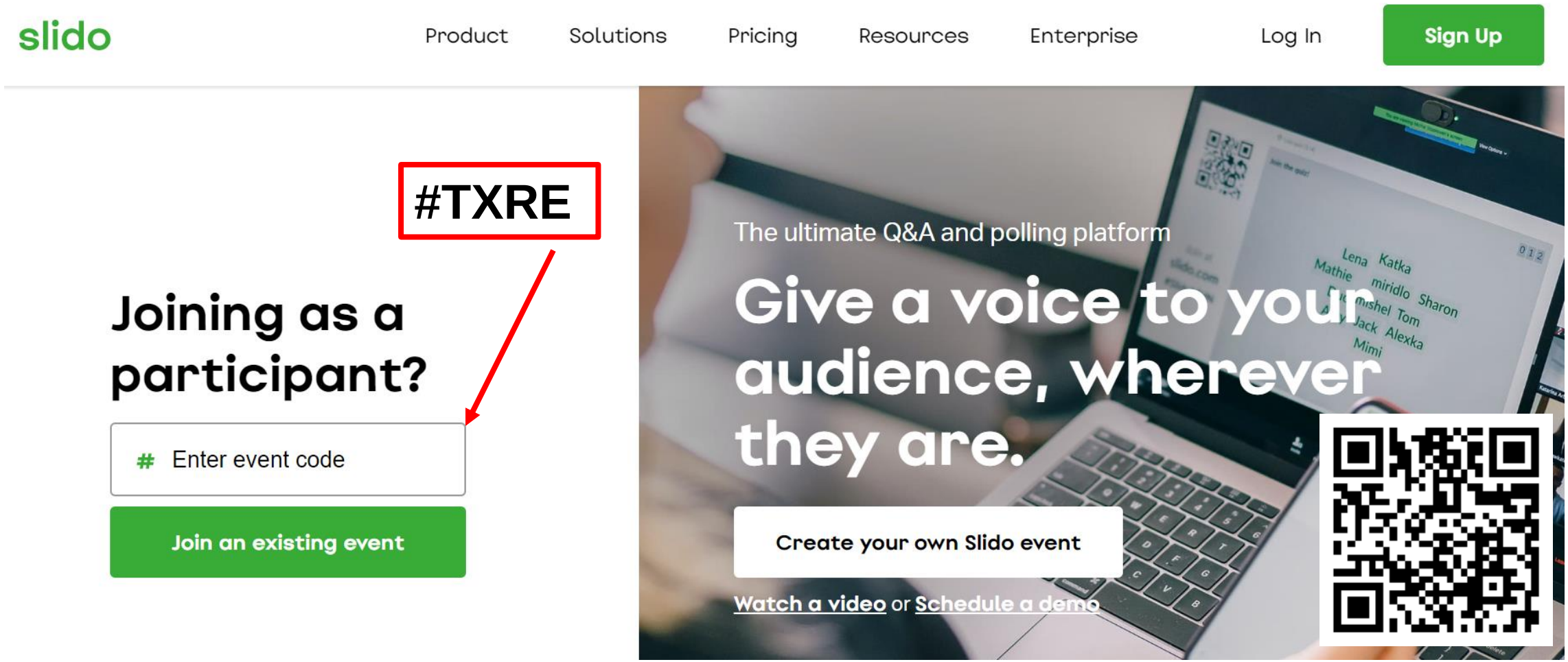
May 15, 2024

MRO Reliability Conference

May 20, 2024

Technical Talk with RF

Sli.do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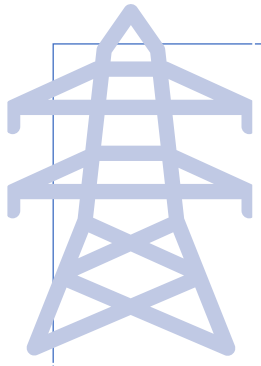
Agenda

- Why is This Important?
- What is MOVEit?
- Cybersecurity Bulletin
- Final Thoughts

Why is This Important?

Security Awareness

- Minimizes risk of incidents
- Empowers staff to recognize and mitigate cyber risks
- Cybersecurity mindset
- Compliance



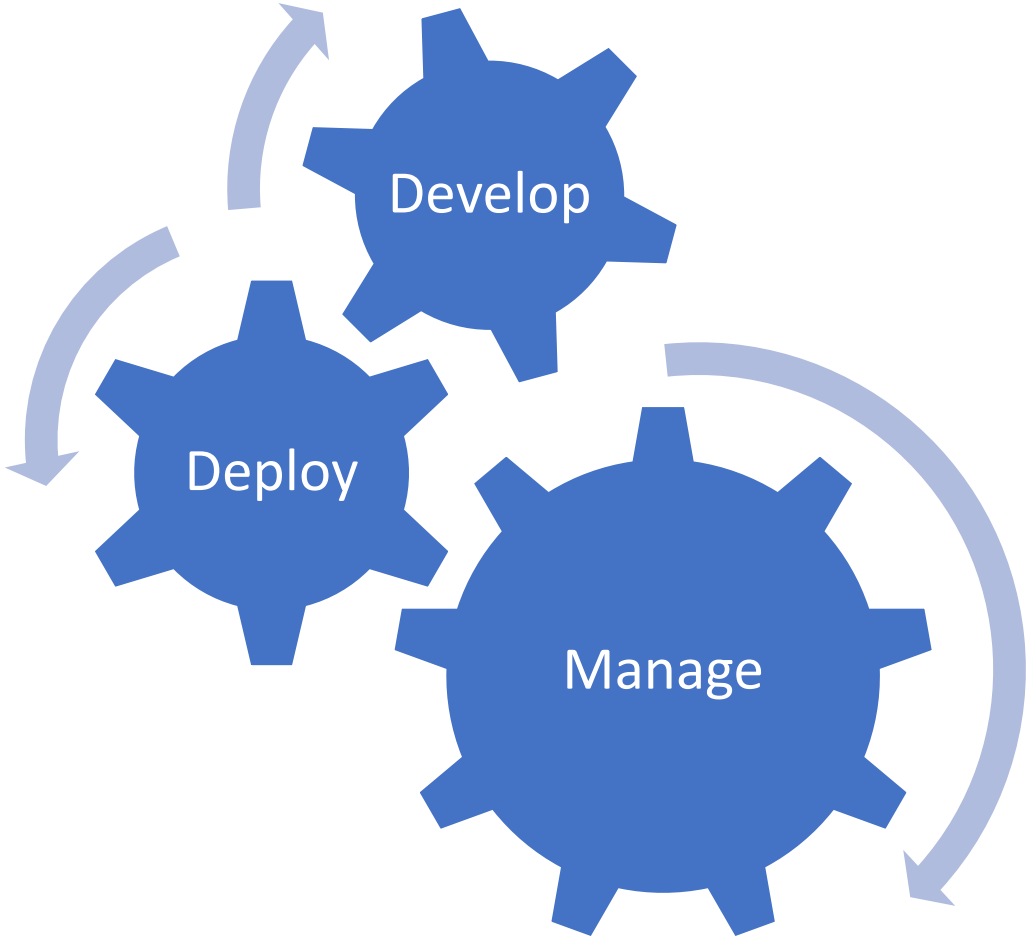
North American Electric Reliability Corporation (NERC)
Critical Infrastructure Protection (CIP)

- Mission to the Bulk Electric System (BES)
- NERC CIP Reliability Standards

What is MOVEit?

MFT: Managed File Transfer

Progress Software Corporation (Progress)



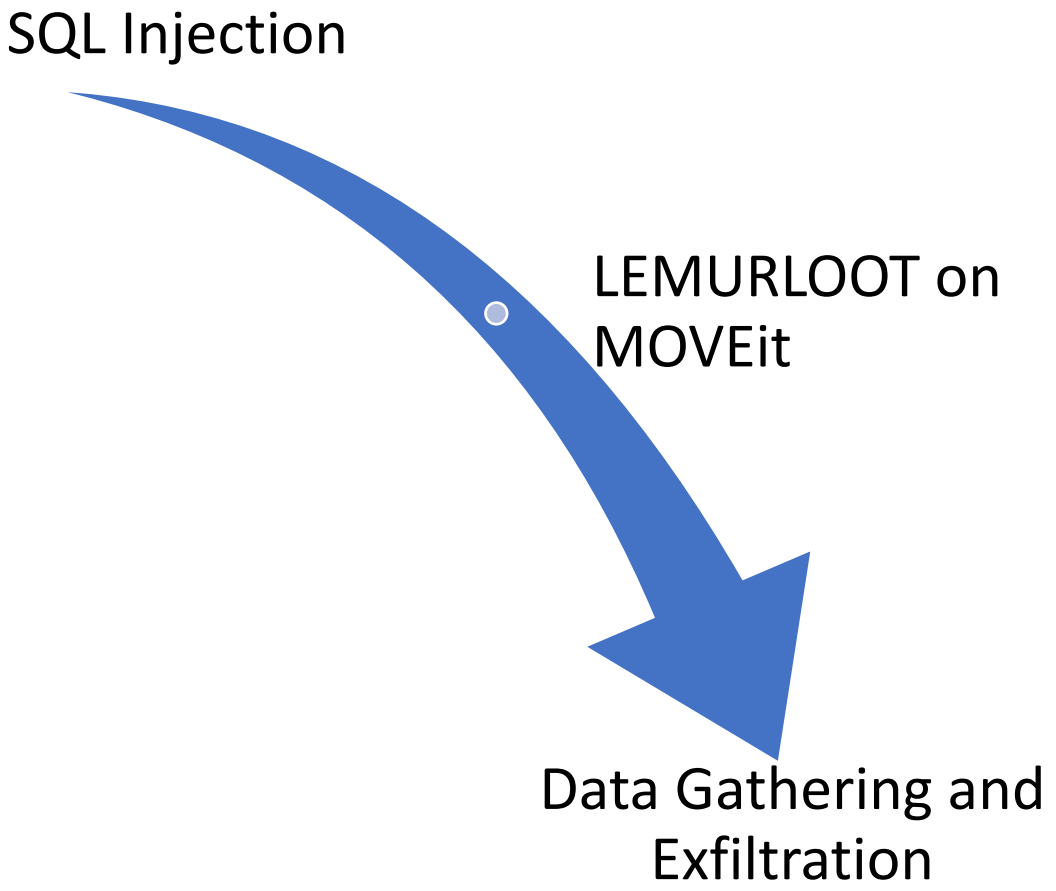
MOVEit Breach

May 31, 2023

- Initially reported

Intelligence

- Zero-day vulnerability
  - (CVE-2023-34362)
  - Web shell – LEMURLOOT
  - FlawedAmmyy (RAT)
  - Exfiltrate – C2
  - Clop



National Institute of Standards and Technology (NIST) – National Vulnerability Database (NVD)

CVE-2023-34362 Detail

Severity CVSS Version 3.x | CVSS Version 2.0

CVSS 3.x Severity and Metrics:

NIST: NVD **Base Score:** 9.8 CRITICAL **Vector:** CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

NVD Analysts use publicly available information to associate vector strings and CVSS scores. We also display any CVSS information provided within the CVE List from the CNA.

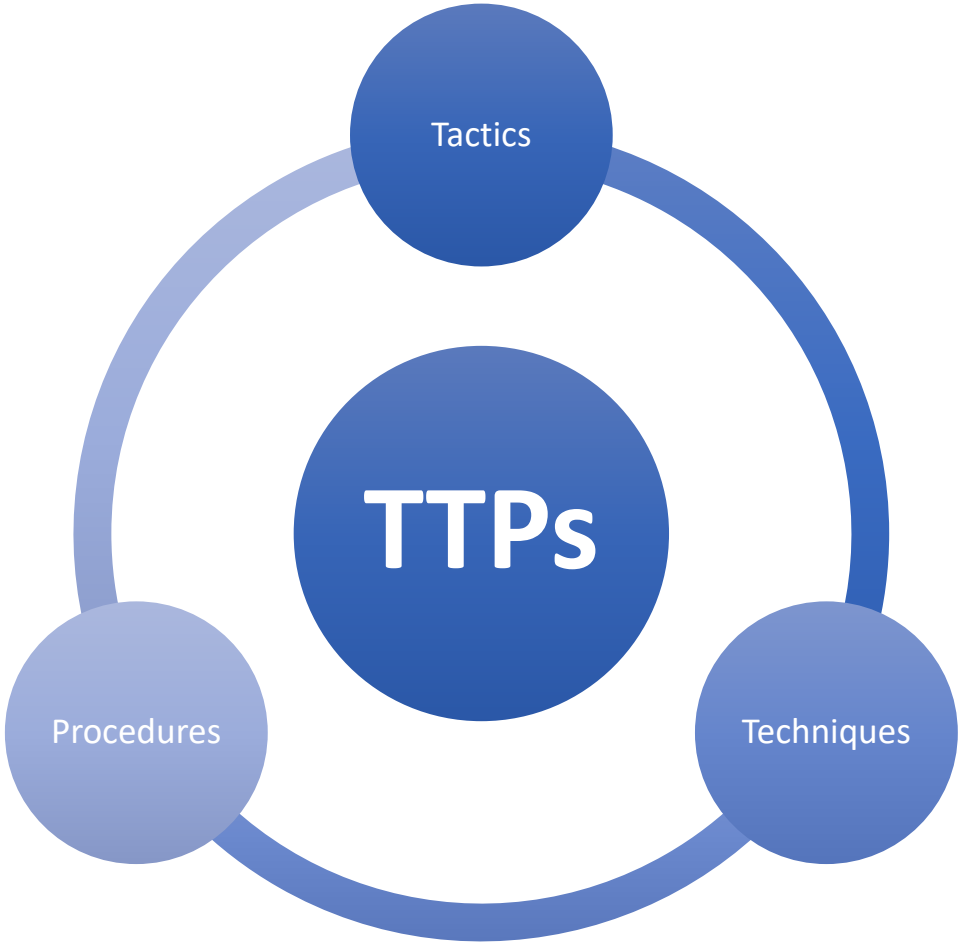
Sli.do (#TXRE)

Slido Question

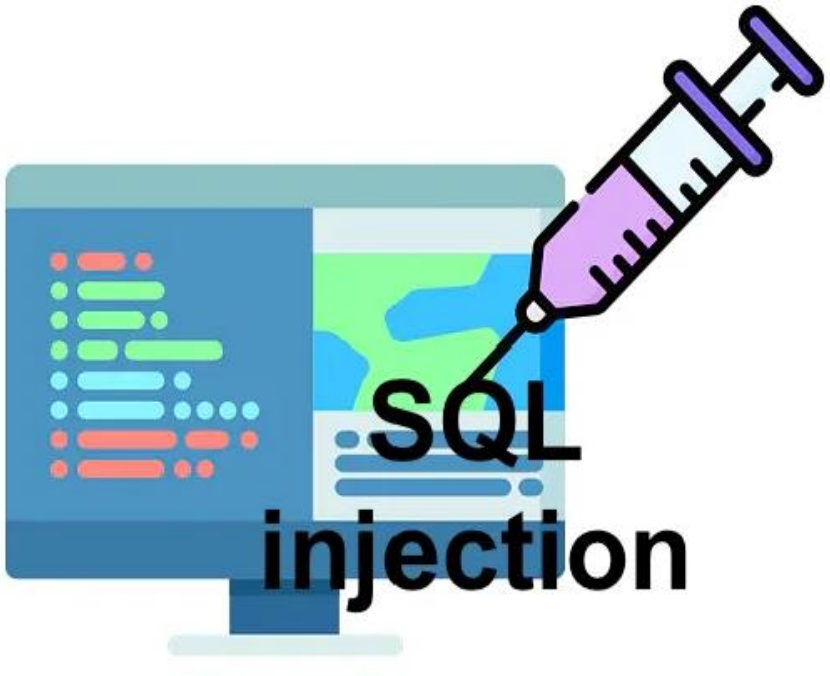
The MOVEit vulnerability has an NVD Base Score of 9.8 out of:

A. 10
B. 20
C. 50
D. 100

Tactics, Techniques, & Procedures (TTPs)



Structured Query Language Injection (SQLi)



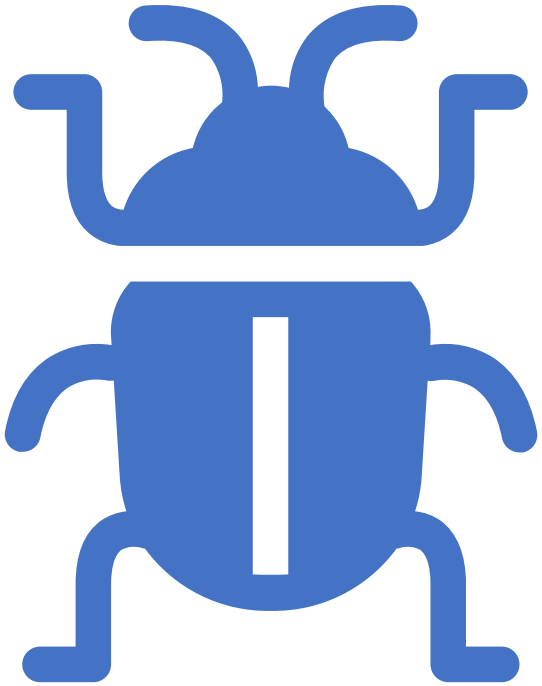
INTERNAL CONTROLS & MITIGATIONS

- Fuzzing
- Update and Patch
- Account Privilege
- Network Segmentation
- Database Accounts
- User Input Validation / Error Reporting

Cyberthreat Actors

CL0P:

- APT = TA505
  - CL0P Ransomware Gang
- Russian-speaking ransomware gang
- Clop = Klop = Bedbug



NERC CIP Standards

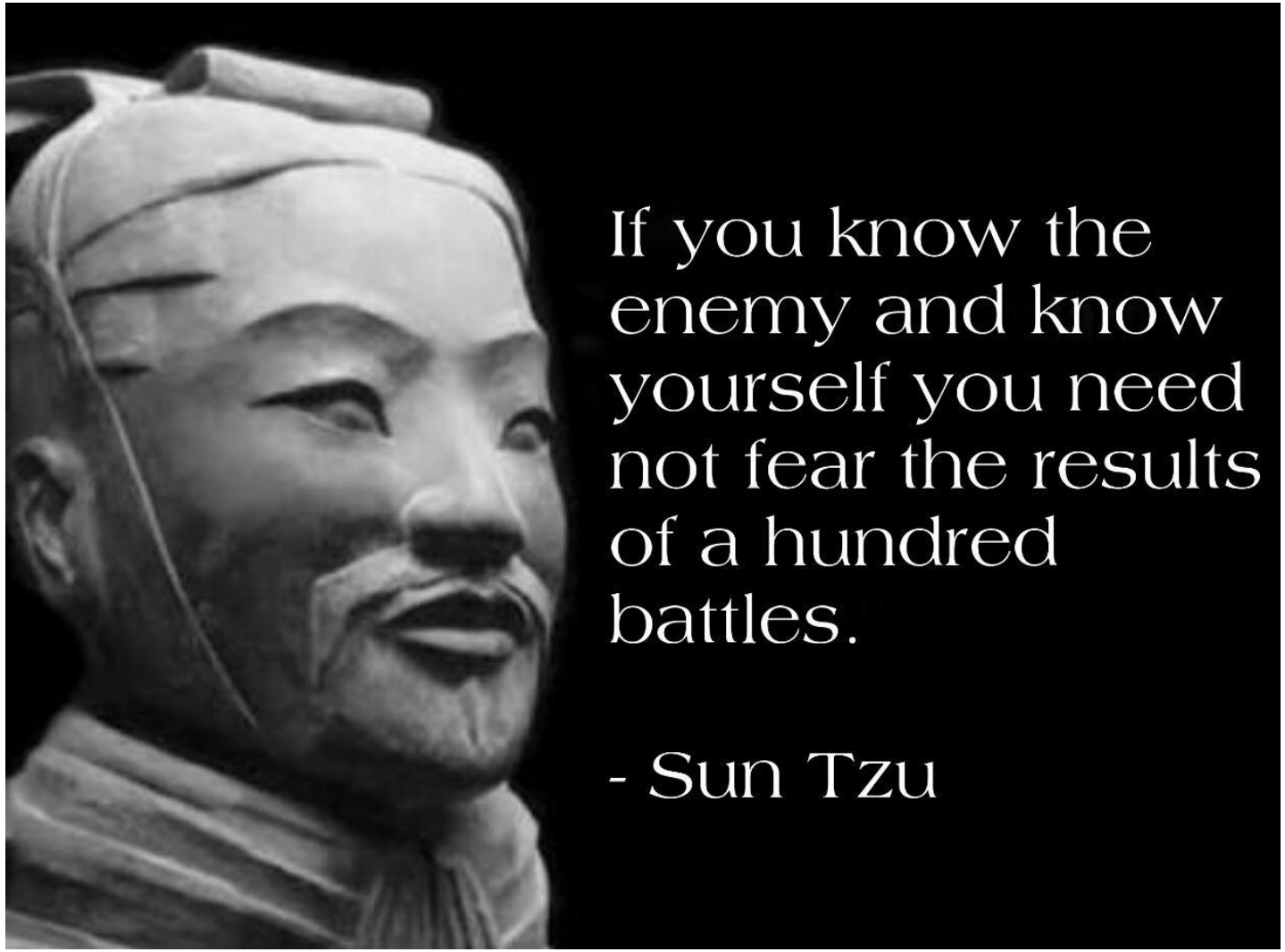
CIP-007-6

- Patch management
- Evaluation
- Mitigation

CIP-005-7

- Identification
- Monitor
- Perimeter

Final Thoughts



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