Demo de MS Threat Modeling Tool

Risk Rating

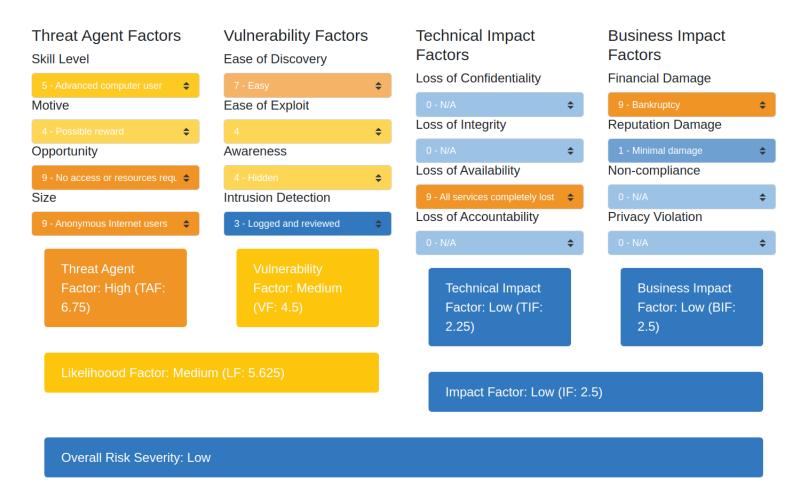## **Risk = Likelihood * Impact**

- Steps:
    - 1: Identifying a Risk
    - 2: Factors for Estimating Likelihood
    - 3: Factors for Estimating Impact
    - 4: Determining Severity of the Risk
    - 5: Deciding What to Fix
    - 6: Customizing Your Risk Rating Model
- Sacado del OWASP, así que empezemos a utilizarlo
    https://owasp.org/www-community/OWASP_Risk_Rating_Methodology

Fuente: https://owasp.org/www-community/OWASP_Risk_Rating_Methodology

Alternativas: NIST-800-30, Magerit

Calculadora de riesgos OWASP

Threat Agent Factors

Skill Level
`5 - Advanced computer user`

Motive
`4 - Possible reward`

Opportunity
`9 - No access or resources requ`

Size
`9 - Anonymous Internet users`

Threat Agent Factor: High (TAF: 6.75)

Vulnerability Factors

Ease of Discovery
`7 - Easy`

Ease of Exploit
`4`

Awareness
`4 - Hidden`

Intrusion Detection
`3 - Logged and reviewed`

Vulnerability Factor: Medium (VF: 4.5)

Likelihoood Factor: Medium (LF: 5.625)

Technical Impact Factors

Loss of Confidentiality
`0 - N/A`

Loss of Integrity
`0 - N/A`

Loss of Availability
`9 - All services completely lost`

Loss of Accountability
`0 - N/A`

Technical Impact Factor: Low (TIF: 2.25)

Business Impact Factors

Financial Damage
`9 - Bankruptcy`

Reputation Damage
`1 - Minimal damage`

Non-compliance
`0 - N/A`

Privacy Violation
`0 - N/A`

Business Impact Factor: Low (BIF: 2.5)

Impact Factor: Low (IF: 2.5)

Overall Risk Severity: Low

Score Vector: (SL:5/M:4/O:9/S:9/ED:7/EE:4/A:4/ID:3/LC:0/LI:0/LAV:9/LAC:0/FD:9/RD:1/NC:0/PV:0)

https://owasp-risk-rating.com/