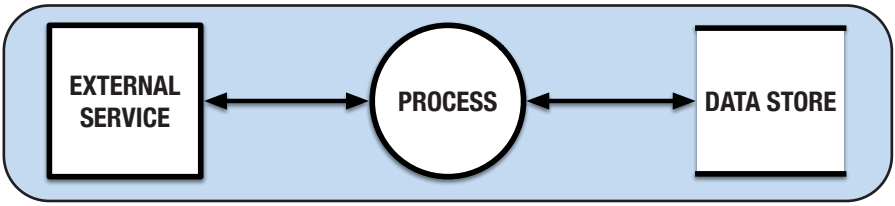
C3 SECURITY

https://0x6333.com

Threat Modelling Cheat-Sheet v0.20



Spoofing	Authentication	Fraudulent Data Impersonating legitimate Users Pretending to be something it isn't
Tampering	Integrity	Unauthorised changes to Data Man-In-The-Middle (MITM) Interfering with Data Integrity
Repudiation	Non-Repudiation	Is there an Audit Trail? Can an Attacker hide their activity? Prevented logging of user actions
Information	Confidentiality	Data transmitted un-encrypted Leaking of Personal Data (PII) Inadequete Access Control List (ACL)
Denial	Availability	Inaccessbile products or services Resource exhaustion Reduced performance
Elevation	Authorisation	Bugs, exploits and misconfiguration increasing a user's access level Users being able to access services or resources which they shouldn't

Low 3	Medium 6	High 8	Critical 10

Damage	How much damage would this vulnerability cause if exploited?	How bad would an attack be? From the Business and Service perspectives
Reproducability	How difficult is it to reproduce this vulnerability?	How easy is it to reproduce? Is it predictable or unpredictable? Are there other factors required?
Exploitability	How easy is it to exploit?	How easy is it to exploit? Is exploiting simple or complex? Requires multiple vulnerabilities?
Affected	Who is affected?	How many users will it impact? Does it affect only service users?
Discoverability	How difficult is it to discover this vulnerability?	How easy is it to discover the vulnerability? Exposed configuration information