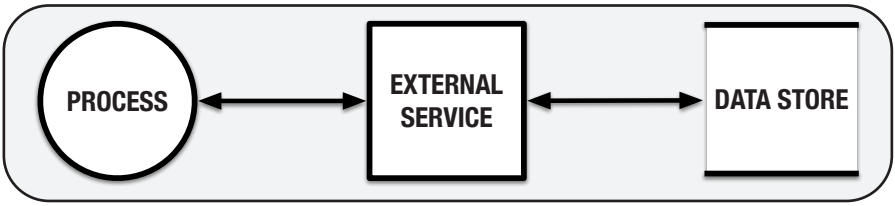
C3 SECURITY

https://0x6333.com

Threat Modelling Cheat-Sheet v0.11



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

Low 4	Medium 7	High 10

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