







Weakness: An improper state (operation, operand_i, ..., operand_n) tuple with at least one improper element (depicted in purple).

-  First Weakness – caused by a Bug in the Operation, resulting in an Error
-  Propagation Weakness – caused by a Fault of an Operand, resulting in an Error
-  Final Weakness – caused by a Fault in an Operand, resulting in an Exploitable Error
-  Failure – a violation of a security requirement caused by an exploit may result in a Fault starting a new faults-only vulnerability

 Chaining weaknesses underlying a vulnerability

 Converging vulnerabilities

 Chaining vulnerabilities