

Improper State: An operation, operand₁, ..., operand_n) tuple with at least one improper element (depicted in purple)

Initial State – a weakness caused by a Bug in the Operation, resulting in an Error

Propagation State – a weakness caused by a Fault of an Operand, resulting in an Error

Final State – a 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