

Safety (a.k.a correctness) vs Security

Safety

Satisfy specifications 'for reasonable inputs, get reasonable outputs'

Security

Resist attacks

"for unreasonable inputs,
get reasonable outputs"

The attacker is an active entity

Safety (a.k.a correctness) vs Security

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Security

Satisfy specifications

"for reasonable inputs, get reasonable outputs"

Resist attacks

"for **un**reasonable inputs, get reasonable outputs"

The attacker is an active entity

Security Theatre