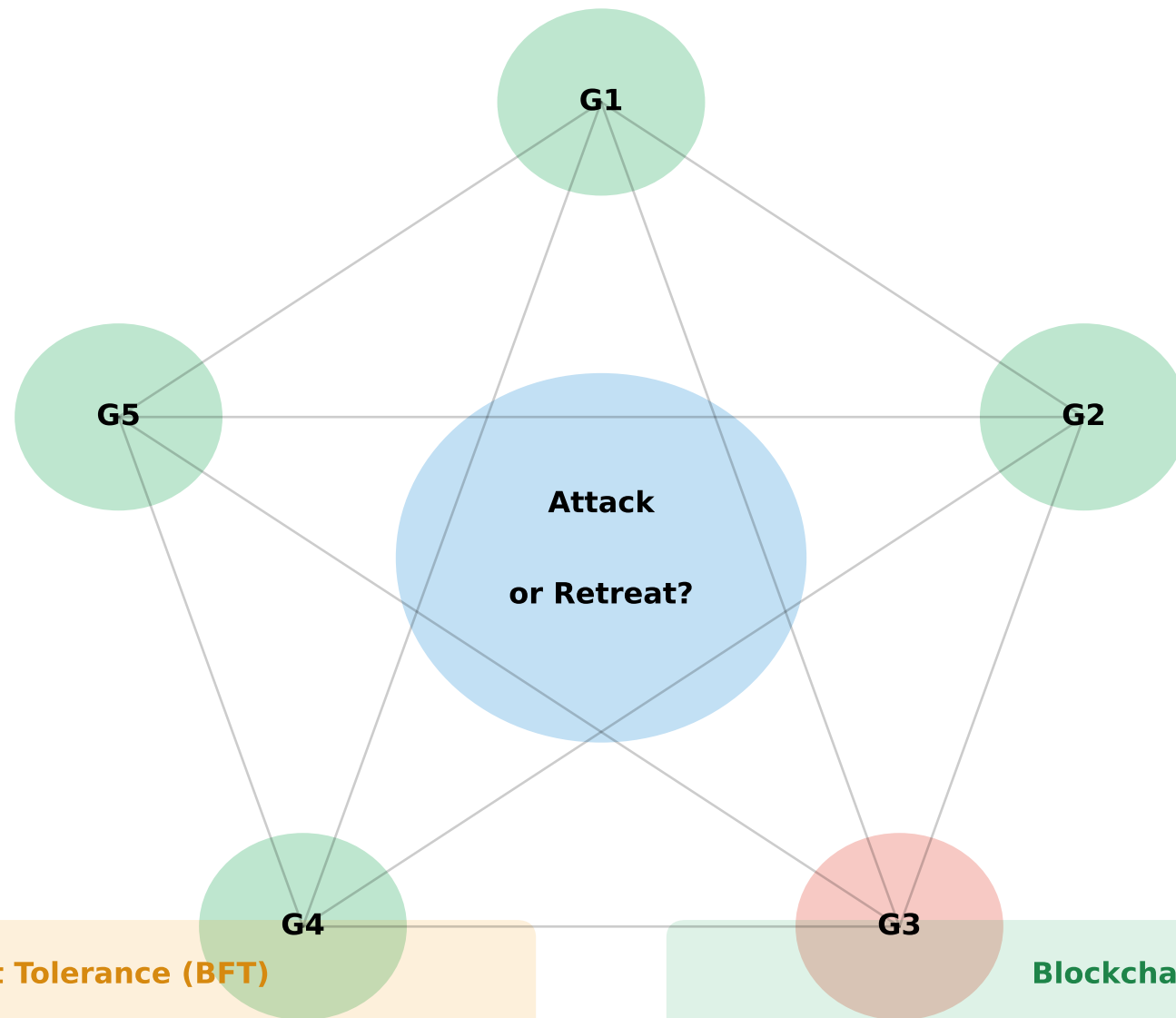


Byzantine Generals Problem

How do distributed nodes agree without trusting each other?



Byzantine Fault Tolerance (BFT)

Must tolerate f faulty nodes

Requires $n \geq 3f + 1$ nodes

(Can tolerate up to 33% malicious)

Blockchain Solution

(Traitor)

PoW: 51% honest hashpower

PoS: 2/3 honest stake

Economic incentives align behavior