

# Slashing: Penalties for Validator Misbehavior

## Slashable Offenses

### Double Voting

Proposing 2 blocks  
for same slot

Penalty: 1/32 stake  
(~1 ETH)

### Surround Vote

Attestation that  
surrounds another

Penalty: 1/32 stake  
(~1 ETH)

### Correlation

Many slashed  
together

Penalty: Up to 100%  
of stake

## Non-Slashing Penalties (Inactivity)

### Missed Attestation

Same as reward  
would have been

### Offline

Gradual balance  
decay

### Inactivity Leak

During non-finality  
(quadratic decay)

**Design Goal: Make attacks more expensive than potential gain**

Correlation penalty discourages coordinated attacks