

Account State

```
graph TD; EOA[Externally Owned Account] --> AS[Account State]; SC[Smart Contract Account] --> AS;
```

Externally Owned Account

Address Hash → derived from public key

Nonce → initialized to 0
incremented for every transaction

Balance → typically 0 for permissioned

ref: Code → empty for EOA

ref: Storage → empty for EOA

Smart Contract Account

Address Hash → derived from
public key and nonce of deployer

Nonce → initialized to 0
incremented for every deployed contract

Balance → typically 0 for permissioned

ref: Code → Smart Contract Bytecode

ref: Storage → Smart Contract KV-storage