

EIP-3009 Transfer with Authorization

Off-chain

1. Create Authorization

```
from: 0x857b...  
to: 0x2096...  
value: 10000  
validAfter: 1740672089  
validBefore: 1740672154  
nonce: 0xf374...
```

Off-chain

2. Sign with EIP-712

```
signature: 0x2d6a7588...  
(v, r, s components)
```

HTTP

3. Submit to Facilitator

Facilitator

4. Verify Signature

```
ecrecover(hash, v, r, s)  
== from address?
```

Blockchain

5. Execute On-Chain

No Gas for User

```
transferWithAuthorization(  
  from, to, value,  
  nonce, v, r, s  
)
```