

Transaction

Notation : transaction

Description : A single cryptographically signed instruction sent to the Ethereum network. There are two types of transactions: MESSAGE CALLS and CONTRACT CREATION. Transactions are ubiquitous on the Ethereum network, and represent several common fields.

1. **Nonce** – The number of transactions sent by the sender.
2. **Gas Price** – The number of Wei to pay the network for unit of gas.
3. **Gas Limit** – The maximum amount of gas to be used in while executing a transaction.
4. **To** – The 20-character recipient of a message call.¹
5. **Value** The number of Wei to be transferred to the recipient of a message call.²
6. **v, r, s**
- 7.
- 8.

1. In the case of a contract creation this is 0x000000000000000000.

2. In the case of a contract creation, an endowment to the newly created contract account.