

```
[vm] from: 0x5B3...eddC4 to: Ballot.giveRightToVote(address[]) 0xd91...39138 value: 0 wei data: 0x858...a733c logs: 0 hash: 0x49b...54c19

status      true Transaction mined and execution succeed

transaction hash  0x49b066573f589255ef6bc36f38bf4146b672d25704dabc8c9132477802654c19

from          0x5B38Da6a701c568545dCfcB03FcB875f56beddC4

to            Ballot.giveRightToVote(address[]) 0xd9145CCE52D386f254917e481eB44e9943F39138

gas           80000000 gas

transaction cost  279263 gas

execution cost   279263 gas

hash          0x49b066573f589255ef6bc36f38bf4146b672d25704dabc8c9132477802654c19

input         0x858...a733c

decoded input   {
  "address[] votersarray": [
    "0xab8483f64d9c6d1ecf9b849ae677d3315835cb2",
    "0x4b20993bc481177ec7e8f571ceCa8A9e22C02db",
    "0x78731D3Ca6b7E34ac0F824c42a7cC18A495cabaB",
    "0x617f2E2fD72FD9D5503197092aC168c91465E7f2",
    "0x17f6AD8Ef982297579C203069C1DbfFE4348c372",
    "0x5c680f7BF3E7ce046039Bd8FABdFD3f9F5021678",
    "0x03c6FcED478cBc9a4FAB34eF9f40767739D1ff7",
    "0x1ae0EA34a72D944a8C7603fFb3eC30a6669E454C",
    "0x0A098Eda01Ce92ff4A4CCb7A4fFFb5A43EBc70DC",
    "0xC35b7d915458EF540aDe06068dFe2F44E8fa733c"
  ]
}

decoded output  {}

logs            []

val             0 wei
```

10 Addresses using 1 Transaction (new version)

```
[vm] from: 0x5B3...eddC4 to: Ballot.(fallback) 0xd91...39138 value: 0 wei data: 0x9e7...35cb2 logs: 0 hash: 0x559...74462

status      true Transaction mined and execution succeed

transaction hash  0x559a1b0b7fbc531d2027d9f68e0f352822751c14e610fa3a986ea90788274462

from          0x5B38Da6a701c568545dCfcB03FcB875f56beddC4

to            Ballot.(fallback) 0xd9145CCE52D386f254917e481eB44e9943F39138

gas           80000000 gas

transaction cost  48657 gas

execution cost   48657 gas

hash          0x559a1b0b7fbc531d2027d9f68e0f352822751c14e610fa3a986ea90788274462

input         0x9e7...35cb2

decoded input   -

decoded output  -

logs            []

val             0 wei
```

1 Address using 1 Transaction (old version)

The Transaction Cost is the same for each transaction. Total Transaction Cost for giving 10 voters the right to vote by calling the “giveRightToVote” function 10 times would be 486570 gas. This is almost double the 279263 gas required with the improved script.