

The Self Destruct Opcode:

The Self destruct Opcode allows a smart-contract to deactivate itself after transferring the remaining funds to the caller of the function.

However it has several Security Implications-

It can be called by anyone which allows malicious users to destroy the contract deployed by someone also and also steal all the funds of the owner.

Also, self destruct has unbounded cost. It means that it can be used to consume infinite gas and cause DOS attacks.

The EIP 6049 raised a proposal to deprecate the self-destruct opcode and replace it with the “halt” opcode.