

# Decentraland controller V2 report

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Amendment: e3e90088bbf5c337d71fc4c3a9e769a59d227e86

## High

*None*

## Medium

*None*

## Low

### L1. Token transfer not being checked

The `DCLControllerV2` performs a token transfer when buying an ENS domain for the user. The transfer return value is not being checked. Consider adding a validation to avoid registering a domain without receiving the corresponding number of tokens.

Note that this issue was actually carried out from the previous `DCLController` implementation.

**Update:** Inline documentation was added to denote which type of ERC20 tokens are supposed to be used in this implementation.

## Notes

### N1. Unnecessary allowance and balance checks

Although this was actually carried from the previous implementation, it might be useful to note that the `DCLControllerV2` contract performs a token allowance and

token balance check to make sure the user has enough of both to perform the corresponding purchase. Consider removing these checks and relying on how the underlying ERC20 works.

**Update:** Unnecessary check removed

## **N2. Consider parameterizing the controller owner**

The `DCLControllerV2` implementation makes use of the `Ownable` implementation from OpenZeppelin. Based on how `DCLControllerV2`'s constructor works, the owner of the contract will be set to the deployer address. In case this is not the desired behavior, it might be useful adding an extra parameter to the constructor specifying the address that should be set as the owner to avoid performing an extra transaction right after the contract deployment.

**Update:** A new `owner` address parameter was introduced in the constructor to prevent the need of sending a second transaction to set up a separate owner from the sender.