

```
\begin{titlepage} \centering \begin{figure}[h] \centering \includegraphics[width=0.5\textwidth]{logo.pdf}
\end{figure} \vspace*{2cm} {\Huge\bfseries Protocol Audit Report\par} \vspace{1cm} {\Large Version 1.0\par}
\vspace{2cm} {\Large\itshape Cyfrin.io\par} \vfill {\large \today\par} \end{titlepage}

\maketitle
```

Prepared by: [Oxdracoz] Lead Auditors:

- xxxxxxxx

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# Protocol Summary

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Protocol does X, Y, Z

# Disclaimer

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The Oxdracoz team makes all effort to find as many vulnerabilities in the code in the given time period, but holds no responsibilities for the findings provided in this document. A security audit by the team is not an endorsement of the underlying business or product. The audit was time-boxed and the review of the code was solely on the security aspects of the Solidity implementation of the contracts.

# Risk Classification

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| Impact |
|--------|
|--------|

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| Impact     |        |      |        |     |
|------------|--------|------|--------|-----|
|            |        | High | Medium | Low |
| High       |        | H    | H/M    | M   |
| Likelihood | Medium | H/M  | M      | M/L |
| Low        |        | M    | M/L    | L   |

We use the [CodeHawks](#) severity matrix to determine severity. See the documentation for more details.

## Audit Details

- Commit Hash: e30d199697bbc822b646d76533b66b7d529b8ef5
- In Scope:

### Scope

```
./src/  
└─ PuppyRaffle.sol
```

### Compatibilities

- Solidity 0.7.6
- chain(s) to deploy contract to : ethereum

### Roles

Owner - Deployer of the protocol, has the power to change the wallet address to which fees are sent through the `changeFeeAddress` function. Player - Participant of the raffle, has the power to enter the raffle with the `enterRaffle` function and refund value through `refund` function.

## Executive Summary

I enjoyed working on this codebase.

### Issues found

| Severity | Number of issues found |
|----------|------------------------|
| High     | 2                      |
| Medium   | 2                      |
| Low      | 0                      |
| Info     | 0                      |

| Severity      | Number of issues found |
|---------------|------------------------|
| Total         | 0                      |
| Findings      |                        |
| High          |                        |
| Medium        |                        |
| Low           |                        |
| Informational |                        |
| Gas           |                        |