# Function Default Visibility

## **Description**

Functions that do not have a function visibility type specified are public by default. This could lead to a vulnerability if a developer forgot to set the visibility and a malicious user is able to make unauthorized or unintended state changes.

#### Remediation

Functions can be specified as being external, public, internal, or private. It is recommended to make a conscious decision on which visibility type is appropriate for a function. This can dramatically reduce the attack surface of a contract system.

### **Example:**

Code:

```
pragma solidity ^0.4.24;

capacity and solidity and sol
```

### Explanation:

Since there is no declaration within the function, "withdrawWinnings" and "\_sendWinnings" are declared to be Public.

By taking advantage of this configuration flaw, an attacker may modify the contract call.