



Cyberscope

## Audit Report

# Alpha Ape Network

February 2022

|            |                                            |
|------------|--------------------------------------------|
| Type       | BEP20                                      |
| Network    | BSC                                        |
| Address    | 0x6115e916514C4867BE49515Af06B2480358bdAB5 |
| Audited by | © cyberscope                               |

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## Contract Review

|                         |                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Contract Name</b>    | AANT                                                                                                                                                    |
| <b>Compiler Version</b> | v0.7.6+commit.7338295f                                                                                                                                  |
| <b>Optimization</b>     | 200 runs                                                                                                                                                |
| <b>Licence</b>          | MIT                                                                                                                                                     |
| <b>Explorer</b>         | <a href="https://bscscan.com/token/0x6115e916514C4867BE49515Af06B2480358bdAB5">https://bscscan.com/token/0x6115e916514C4867BE49515Af06B2480358bdAB5</a> |
| <b>Symbol</b>           | AANT                                                                                                                                                    |
| <b>Decimals</b>         | 18                                                                                                                                                      |
| <b>Total Supply</b>     | 75,000,000,000,000                                                                                                                                      |
| <b>Source</b>           | contract.sol                                                                                                                                            |
| <b>Domain</b>           | alphaape.net                                                                                                                                            |

## Audit Updates

|                      |                |
|----------------------|----------------|
| <b>Initial Audit</b> | 1st March 2022 |
| <b>Corrected</b>     |                |

# Contract Analysis

● Critical   ● Medium   ● Minor   ● Pass

| Severity | Code | Description                                                                                                       |
|----------|------|-------------------------------------------------------------------------------------------------------------------|
| ●        | ST   | Contract Owner is not able to stop or pause transactions                                                          |
| ●        | OCTD | Contract Owner is not able to transfer tokens from specific address                                               |
| ●        | OTUT | Owner Transfer User's Tokens                                                                                      |
| ●        | ELFM | Contract Owner is not able to increase fees more than a reasonable percent (25%)                                  |
| ●        | ULTW | Contract Owner is not able to increase the amount of liquidity taken by dev wallet more than a reasonable percent |
| ●        | MT   | Contract Owner is not able to mint new tokens                                                                     |
| ●        | BT   | Contract Owner is not able to burn tokens from specific wallet                                                    |
| ●        | BC   | Contract Owner is not able to blacklist wallets from selling                                                      |

## ST - Stop Transactions

|             |                    |
|-------------|--------------------|
| Criticality | critical           |
| Location    | contract.sol#L1070 |

### Description

The contract owner has the authority to stop selling for all users excluding the owner. The owner may take advantage of it by setting `maxSellTransactionAmount` to a very low value. This way the contract will operate as a honeypot.

```
if(!swapping && automatedMarketMakerPairs[to] && from !=
address(uniswapV2Router) && !_isExcludedFromFees[to])
{
    require(amount <= maxSellTransactionAmount, "Amount exceeds the
Protocol-X");
}
```

### Recommendation

The contract could embody a check for not allowing setting `maxSellTransactionAmount` less than a reasonable amount. A suggested implementation could check that the maximum amount should be more than a fixed percentage of the total supply.

The team should carefully manage the private keys of the owner's account. We strongly recommend a powerful security mechanism that will prevent a single user from accessing the contract admin functions. That risk can be prevented by temporarily locking the contract or renouncing ownership.

## OCTD - Owner Contract Tokens Drain

**Criticality**

minor

**Location**

contract.sol#L1278,1283

### Description

The contract owner has the authority to claim all the balance of the contract. The owner may take advantage of it by calling any of the below withdrawal functions.

```
function withdrawRemainingToken(address account) public onlyOwner {  
    uint256 balance = balanceOf(address(this));  
    super._transfer(address(this), account, balance);  
}  
  
function rescueBNB(uint256 amount) external onlyOwner{  
    payable(msg.sender).transfer(amount);  
}
```

### Recommendation

The team should carefully manage the private keys of the owner's account. We strongly recommend a powerful security mechanism that will prevent a single user from accessing the contract admin functions. That risk can be prevented by temporarily locking the contract or renouncing ownership.

## BC - Blacklisted Contracts

|             |                   |
|-------------|-------------------|
| Criticality | critical          |
| Location    | contract.sol#L465 |

### Description

The contract owner has the authority to stop contracts from transactions. The owner may take advantage of it by calling the `addToBlackList` function.

```
function transferFrom(address sender, address recipient, uint256 amount)
public virtual override returns (bool) {
    require(!_isBlacklisted[sender] && !_isBlacklisted[recipient], "This
address is BlackListed!");
    _transfer(sender, recipient, amount);
}
```

### Recommendation

The team should carefully manage the private keys of the owner's account. We strongly recommend a powerful security mechanism that will prevent a single user from accessing the contract admin functions. That risk can be prevented by temporarily locking the contract or renouncing ownership.

# Contract Diagnostics

● Critical    ● Medium    ● Minor

| Severity | Code | Description                                |
|----------|------|--------------------------------------------|
| ●        | L01  | Public Function could be Declared External |
| ●        | L02  | State Variables could be Declared Constant |
| ●        | L05  | Unused State Variable                      |
| ●        | L09  | Dead Code Elimination                      |
| ●        | L11  | Unnecessary Boolean equality               |
| ●        | L12  | Using Variables before Declaration         |
| ●        | L07  | Missing Events Arithmetic                  |
| ●        | L15  | Local Scope Variable Shadowing             |
| ●        | L14  | Uninitialized Variables in Local Scope     |
| ●        | L08  | Tautology or Contradiction                 |
| ●        | L13  | Divide before Multiply Operation           |

## L01 - Public Function could be Declared External

**Criticality**

minor

**Location**

contract.sol#L251,255,262,268,323,328,430,434,438,450 and 30 more

### Description

Public functions that are never called by the contract should be declared external to save gas.

```
process
getAccountAtIndex
distributeBUSDDividends
burnRemainingToken
withdrawRemainingBEP20Token
withdrawRemainingToken
updateETHRewardsFee
updateLiquidityFee
updateMarketingFee
...
```

### Recommendation

Use the external attribute for functions never called from the contract.

## L02 - State Variables could be Declared Constant

|                    |                           |
|--------------------|---------------------------|
| <b>Criticality</b> | minor                     |
| <b>Location</b>    | contract.sol#L770,774,613 |

### Description

Constant state variables should be declared constant to save gas.

```
lastAmount  
marketingDivisor  
_rateLimitSeconds
```

### Recommendation

Add the constant attribute to state variables that never change.

## L05 - Unused State Variable

**Criticality**

minor

**Location**

contract.sol#L778,613

### Description

There are segments that contain unused state variables.

```
lastAmount  
DefaultLiquidityLockTime
```

### Recommendation

Remove unused state variables.

## L09 - Dead Code Elimination

|                    |                                                                 |
|--------------------|-----------------------------------------------------------------|
| <b>Criticality</b> | minor                                                           |
| <b>Location</b>    | contract.sol#L31,690,521,594,584,599,533,551,556,544 and 3 more |

### Description

Functions that are not used in the contract, and make the code's size bigger.

```
mul
div
trySub
tryMul
tryMod
tryDiv
tryAdd
mod
_setupDecimals
...
```

### Recommendation

Remove unused functions.

## L11 - Unnecessary Boolean equality

**Criticality**

minor

**Location**

contract.sol#L1044

### Description

The comparison to boolean constants is redundant. Boolean constants can be used directly and do not need to be compared to true or false.

```
getAntiBotEnabled() == true
```

### Recommendation

Remove the equality to the boolean constant.

## L12 - Using Variables before Declaration

|                    |                    |
|--------------------|--------------------|
| <b>Criticality</b> | minor              |
| <b>Location</b>    | contract.sol#L1126 |

### Description

The contract is using a variable before the declaration. This is usually happening either if it has not been declared yet or the variable has been declared in a different scope.

```
iterations  
claims  
lastProcessedIndex
```

### Recommendation

The variables should be declared before any usage of them.

## L07 - Missing Events Arithmetic

|                    |                                              |
|--------------------|----------------------------------------------|
| <b>Criticality</b> | minor                                        |
| <b>Location</b>    | contract.sol#L882,886,890,894,1263,1268,1273 |

### Description

Detected missing events for critical arithmetic parameters. There are functions that have no event emitted, so it is difficult to track off-chain changes.

```
liquidityFee = newFee
marketingFee = newFee
swapTokensAtAmount = amountOfTokens
maxSellTransactionAmount = maxSell * (10 ** 18)
maxBuyTranscationAmount = maxBuy * (10 ** 18)
_maxWalletToken = maxWallet * (10 ** 18)
```

### Recommendation

Emit an event for critical parameter changes.

## L15 - Local Scope Variable Shadowing

**Criticality**

minor

**Location**

contract.sol#L625

### Description

There are variables that are defined in the local scope containing the same name from an upper scope.

```
_symbol  
_name
```

### Recommendation

The local variables should have different names from the upper scoped variables.

## L14 - Uninitialized Variables in Local Scope

**Criticality**

minor

**Location**

contract.sol#L745,1126

### Description

These are variables that are defined in the local scope and are not initialized.

```
lastProcessedIndex  
claims  
iterations  
i
```

### Recommendation

All the local scoped variables should be initialized.

## L08 - Tautology or Contradiction

**Criticality**

minor

**Location**

contract.sol#L1263,1268,1273

### Description

Detects expressions that are tautologies or contradictions. For instance, an uint variable will always be greater than or equal to zero.

```
require(bool,string)(newFee >= 0 && newFee <= 15,AANT: ETH/BNB Rewards tax must be between 0 and 15)
require(bool,string)(newFee >= 0 && newFee <= 10,AANT: Liquidity tax must be between 0 and 10)
require(bool,string)(newFee >= 0 && newFee <= 10,AANT: Expenses tax must be between 0 and 10)
```

### Recommendation

Fix the incorrect comparison by changing the value type or the comparison.

## L13 - Divide before Multiply Operation

**Criticality**

minor

**Location**

contract.sol#L1044

### Description

Performing divisions before multiplications may cause lose of prediction.

```
fees = amount.mul(totalFees).div(100)
transferToMarketingWallet(address(marketingWallet),address(this).balance.div(10
** 2).mul(marketingDivisor))
```

### Recommendation

The multiplications should be prior to the divisions.

# Contract Functions

| Contract                  | Type                         | Bases      |            |           |
|---------------------------|------------------------------|------------|------------|-----------|
|                           | Function Name                | Visibility | Mutability | Modifiers |
| <b>IERC20</b>             | Interface                    |            |            |           |
|                           | totalSupply                  | External   |            | -         |
|                           | balanceOf                    | External   |            | -         |
|                           | transfer                     | External   | ✓          | -         |
|                           | allowance                    | External   |            | -         |
|                           | approve                      | External   | ✓          | -         |
|                           | transferFrom                 | External   | ✓          | -         |
| <b>Context</b>            | Implementation               |            |            |           |
|                           | _msgSender                   | Internal   |            |           |
|                           | _msgData                     | Internal   |            |           |
| <b>IUniswapV2Router01</b> | Interface                    |            |            |           |
|                           | factory                      | External   |            | -         |
|                           | WETH                         | External   |            | -         |
|                           | addLiquidity                 | External   | ✓          | -         |
|                           | addLiquidityETH              | External   | Payable    | -         |
|                           | removeLiquidity              | External   | ✓          | -         |
|                           | removeLiquidityETH           | External   | ✓          | -         |
|                           | removeLiquidityWithPermit    | External   | ✓          | -         |
|                           | removeLiquidityETHWithPermit | External   | ✓          | -         |
|                           | swapExactTokensForTokens     | External   | ✓          | -         |
|                           | swapTokensForExactTokens     | External   | ✓          | -         |
|                           | swapExactETHForTokens        | External   | Payable    | -         |
|                           | swapTokensForExactETH        | External   | ✓          | -         |
|                           | swapExactTokensForETH        | External   | ✓          | -         |
|                           | swapETHForExactTokens        | External   | Payable    | -         |
|                           | quote                        | External   |            | -         |

|                           |                                                           |                    |         |   |
|---------------------------|-----------------------------------------------------------|--------------------|---------|---|
|                           | getAmountOut                                              | External           |         | - |
|                           | getAmountIn                                               | External           |         | - |
|                           | getAmountsOut                                             | External           |         | - |
|                           | getAmountsIn                                              | External           |         | - |
|                           |                                                           |                    |         |   |
| <b>IUniswapV2Router02</b> | Interface                                                 | IUniswapV2Router01 |         |   |
|                           | removeLiquidityETHSupportingFeeOnTransferTokens           | External           | ✓       | - |
|                           | removeLiquidityETHWithPermitSupportingFeeOnTransferTokens | External           | ✓       | - |
|                           | swapExactTokensForTokensSupportingFeeOnTransferTokens     | External           | ✓       | - |
|                           | swapExactETHForTokensSupportingFeeOnTransferTokens        | External           | Payable | - |
|                           | swapExactTokensForETHSupportingFeeOnTransferTokens        | External           | ✓       | - |
|                           |                                                           |                    |         |   |
| <b>IUniswapV2Factory</b>  | Interface                                                 |                    |         |   |
|                           | feeTo                                                     | External           |         | - |
|                           | feeToSetter                                               | External           |         | - |
|                           | getPair                                                   | External           |         | - |
|                           | allPairs                                                  | External           |         | - |
|                           | allPairsLength                                            | External           |         | - |
|                           | createPair                                                | External           | ✓       | - |
|                           | setFeeTo                                                  | External           | ✓       | - |
|                           | setFeeToSetter                                            | External           | ✓       | - |
|                           |                                                           |                    |         |   |
| <b>IUniswapV2Pair</b>     | Interface                                                 |                    |         |   |
|                           | name                                                      | External           |         | - |
|                           | symbol                                                    | External           |         | - |
|                           | decimals                                                  | External           |         | - |
|                           | totalSupply                                               | External           |         | - |
|                           | balanceOf                                                 | External           |         | - |
|                           | allowance                                                 | External           |         | - |
|                           | approve                                                   | External           | ✓       | - |

|                        |                      |          |   |           |
|------------------------|----------------------|----------|---|-----------|
|                        | transfer             | External | ✓ | -         |
|                        | transferFrom         | External | ✓ | -         |
|                        | DOMAIN_SEPARATOR     | External |   | -         |
|                        | PERMIT_TYPEHASH      | External |   | -         |
|                        | nonces               | External |   | -         |
|                        | permit               | External | ✓ | -         |
|                        | MINIMUM_LIQUIDITY    | External |   | -         |
|                        | factory              | External |   | -         |
|                        | token0               | External |   | -         |
|                        | token1               | External |   | -         |
|                        | getReserves          | External |   | -         |
|                        | price0CumulativeLast | External |   | -         |
|                        | price1CumulativeLast | External |   | -         |
|                        | kLast                | External |   | -         |
|                        | mint                 | External | ✓ | -         |
|                        | burn                 | External | ✓ | -         |
|                        | swap                 | External | ✓ | -         |
|                        | skim                 | External | ✓ | -         |
|                        | sync                 | External | ✓ | -         |
|                        | initialize           | External | ✓ | -         |
|                        |                      |          |   |           |
| <b>IterableMapping</b> | Library              |          |   |           |
|                        | get                  | Public   |   | -         |
|                        | getIndexOfKey        | Public   |   | -         |
|                        | getKeyAtIndex        | Public   |   | -         |
|                        | size                 | Public   |   | -         |
|                        | set                  | Public   | ✓ | -         |
|                        | remove               | Public   | ✓ | -         |
|                        |                      |          |   |           |
| <b>Ownable</b>         | Implementation       | Context  |   |           |
|                        | <Constructor>        | Public   | ✓ | -         |
|                        | owner                | Public   |   | -         |
|                        | renounceOwnership    | Public   | ✓ | onlyOwner |
|                        | transferOwnership    | Public   | ✓ | onlyOwner |
|                        |                      |          |   |           |

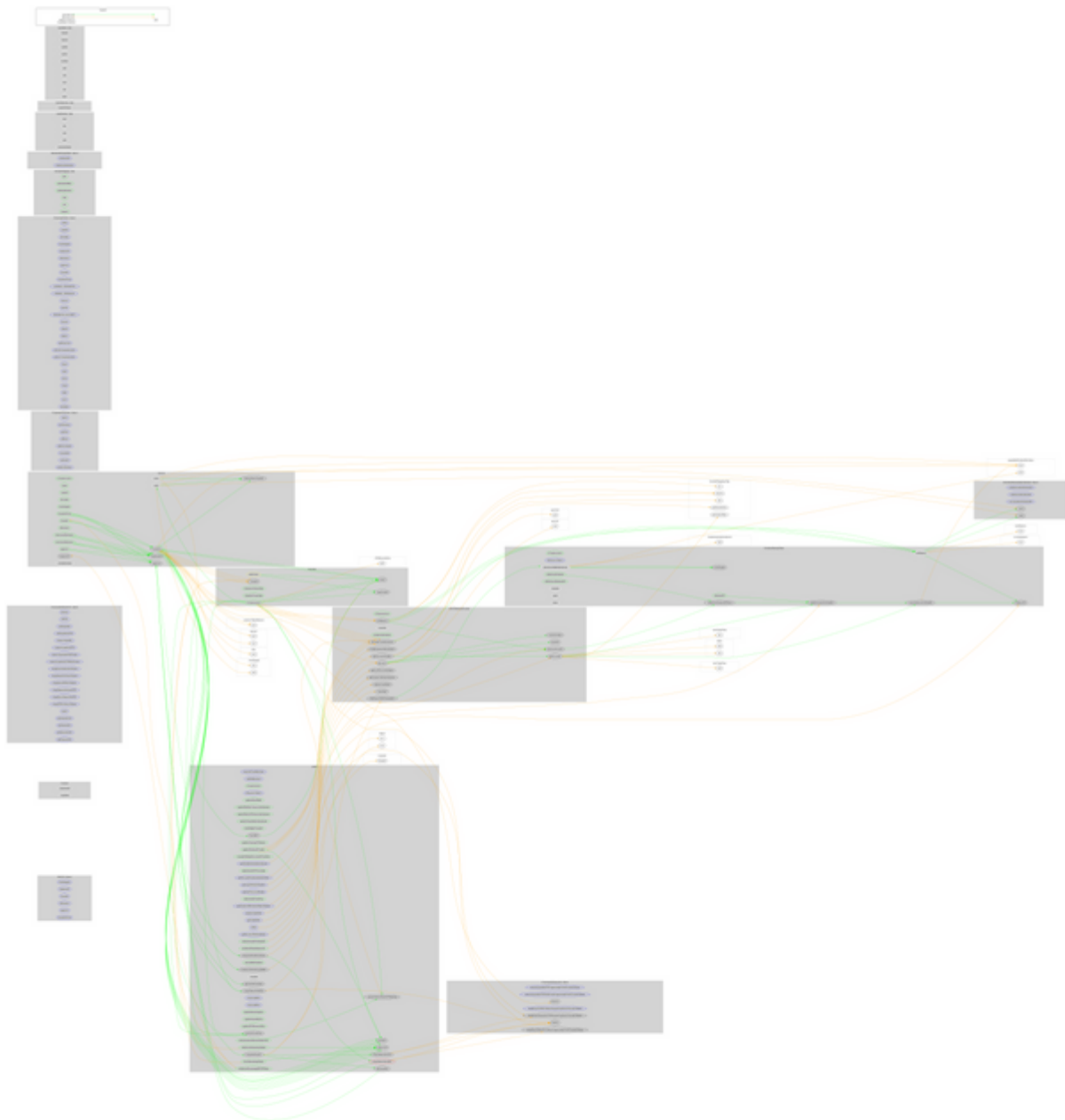
|                                     |                        |                 |   |   |
|-------------------------------------|------------------------|-----------------|---|---|
| <b>IDividendPayingTokenOptional</b> | Interface              |                 |   |   |
|                                     | withdrawableDividendOf | External        |   | - |
|                                     | withdrawnDividendOf    | External        |   | - |
|                                     | accumulativeDividendOf | External        |   | - |
|                                     |                        |                 |   |   |
| <b>IDividendPayingToken</b>         | Interface              |                 |   |   |
|                                     | dividendOf             | External        |   | - |
|                                     | withdrawDividend       | External        | ✓ | - |
|                                     |                        |                 |   |   |
| <b>SafeMathInt</b>                  | Library                |                 |   |   |
|                                     | mul                    | Internal        |   |   |
|                                     | div                    | Internal        |   |   |
|                                     | sub                    | Internal        |   |   |
|                                     | add                    | Internal        |   |   |
|                                     | toUint256Safe          | Internal        |   |   |
|                                     |                        |                 |   |   |
| <b>SafeMathUint</b>                 | Library                |                 |   |   |
|                                     | toInt256Safe           | Internal        |   |   |
|                                     |                        |                 |   |   |
| <b>ERC20</b>                        | Implementation         | Context, IERC20 |   |   |
|                                     | <Constructor>          | Public          | ✓ | - |
|                                     | name                   | Public          |   | - |
|                                     | symbol                 | Public          |   | - |
|                                     | decimals               | Public          |   | - |
|                                     | totalSupply            | Public          |   | - |
|                                     | balanceOf              | Public          |   | - |
|                                     | transfer               | Public          | ✓ | - |
|                                     | allowance              | Public          |   | - |
|                                     | approve                | Public          | ✓ | - |
|                                     | transferFrom           | Public          | ✓ | - |
|                                     | increaseAllowance      | Public          | ✓ | - |
|                                     | decreaseAllowance      | Public          | ✓ | - |
|                                     | _transfer              | Internal        | ✓ |   |

|                            |                          |                                                           |         |       |
|----------------------------|--------------------------|-----------------------------------------------------------|---------|-------|
|                            | _mint                    | Internal                                                  | ✓       |       |
|                            | _burn                    | Internal                                                  | ✓       |       |
|                            | _approve                 | Internal                                                  | ✓       |       |
|                            | _setupDecimals           | Internal                                                  | ✓       |       |
|                            | _beforeTokenTransfer     | Internal                                                  | ✓       |       |
|                            |                          |                                                           |         |       |
| <b>SafeMath</b>            | Library                  |                                                           |         |       |
|                            | tryAdd                   | Internal                                                  |         |       |
|                            | trySub                   | Internal                                                  |         |       |
|                            | tryMul                   | Internal                                                  |         |       |
|                            | tryDiv                   | Internal                                                  |         |       |
|                            | tryMod                   | Internal                                                  |         |       |
|                            | add                      | Internal                                                  |         |       |
|                            | sub                      | Internal                                                  |         |       |
|                            | mul                      | Internal                                                  |         |       |
|                            | div                      | Internal                                                  |         |       |
|                            | mod                      | Internal                                                  |         |       |
|                            | sub                      | Internal                                                  |         |       |
|                            | div                      | Internal                                                  |         |       |
|                            | mod                      | Internal                                                  |         |       |
|                            |                          |                                                           |         |       |
| <b>DividendPayingToken</b> | Implementation           | ERC20, IDividendPayingToken, IDividendPayingTokenOptional |         |       |
|                            | <Constructor>            | Public                                                    | ✓       | ERC20 |
|                            | <Receive Ether>          | External                                                  | Payable | -     |
|                            | _distributeBUSDDividends | Internal                                                  | ✓       |       |
|                            | withdrawDividend         | Public                                                    | ✓       | -     |
|                            | _withdrawDividendOfUser  | Internal                                                  | ✓       |       |
|                            | dividendOf               | Public                                                    |         | -     |
|                            | withdrawableDividendOf   | Public                                                    |         | -     |
|                            | withdrawnDividendOf      | Public                                                    |         | -     |
|                            | accumulativeDividendOf   | Public                                                    |         | -     |
|                            | _transfer                | Internal                                                  | ✓       |       |

|             |                                 |                |         |           |
|-------------|---------------------------------|----------------|---------|-----------|
|             | _mint                           | Internal       | ✓       |           |
|             | _burn                           | Internal       | ✓       |           |
|             | _setBalance                     | Internal       | ✓       |           |
|             |                                 |                |         |           |
| <b>AANT</b> | Implementation                  | ERC20, Ownable |         |           |
|             | removeFromBlackList             | External       | ✓       | onlyOwner |
|             | addToBlackList                  | External       | ✓       | onlyOwner |
|             | <Constructor>                   | Public         | ✓       | ERC20     |
|             | <Receive Ether>                 | External       | Payable | -         |
|             | updateMaxWallet                 | Public         | ✓       | onlyOwner |
|             | updateMaxBuyTranscationAmount   | Public         | ✓       | onlyOwner |
|             | updateMaxSellTransactionAmount  | Public         | ✓       | onlyOwner |
|             | updateSwapTokensAtAmount        | Public         | ✓       | onlyOwner |
|             | multiWalletTransfer             | Public         | ✓       | onlyOwner |
|             | updateDividendTracker           | Public         | ✓       | onlyOwner |
|             | updateUniswapV2Router           | Public         | ✓       | onlyOwner |
|             | excludeFromFees                 | Public         | ✓       | onlyOwner |
|             | excludeMultipleAccountsFromFees | Public         | ✓       | onlyOwner |
|             | setAutomatedMarketMakerPair     | Public         | ✓       | onlyOwner |
|             | _setAutomatedMarketMakerPair    | Private        | ✓       |           |
|             | updateGasForProcessing          | Public         | ✓       | onlyOwner |
|             | updateClaimWait                 | External       | ✓       | onlyOwner |
|             | getClaimWait                    | External       |         | -         |
|             | getTotalDividendsDistributed    | External       |         | -         |
|             | isExcludedFromFees              | Public         |         | -         |
|             | withdrawableDividendOf          | Public         |         | -         |
|             | dividendTokenBalanceOf          | Public         |         | -         |
|             | getAccountDividendsInfo         | External       |         | -         |
|             | getAccountDividendsInfoAtIndex  | External       |         | -         |
|             | processDividendTracker          | External       | ✓       | -         |
|             | claim                           | External       | ✓       | -         |
|             | getLastProcessedIndex           | External       |         | -         |
|             | getNumberOfDividendTokenHolders | External       |         | -         |
|             | setAntiBotEnabled               | Public         | ✓       | onlyOwner |
|             | getAntiBotEnabled               | Public         |         | -         |

|                             |                             |                                     |   |                         |
|-----------------------------|-----------------------------|-------------------------------------|---|-------------------------|
|                             | _transfer                   | Internal                            | ✓ |                         |
|                             | swapAndLiquify              | Private                             | ✓ |                         |
|                             | swapTokensForEth            | Private                             | ✓ |                         |
|                             | swapTokensForAANT           | Private                             | ✓ |                         |
|                             | addLiquidity                | Private                             | ✓ |                         |
|                             | swapAndSendDividends        | Private                             | ✓ |                         |
|                             | removeAllFee                | External                            | ✓ | onlyOwner               |
|                             | restoreAllFee               | External                            | ✓ | onlyOwner               |
|                             | updateMarketingFee          | Public                              | ✓ | onlyOwner               |
|                             | updateLiquidityFee          | Public                              | ✓ | onlyOwner               |
|                             | updateETHRewardsFee         | Public                              | ✓ | onlyOwner               |
|                             | withdrawRemainingToken      | Public                              | ✓ | onlyOwner               |
|                             | withdrawRemainingBEP20Token | Public                              | ✓ | onlyOwner               |
|                             | burnRemainingToken          | Public                              | ✓ | onlyOwner               |
|                             | checkBot                    | Private                             | ✓ |                         |
|                             | swapTokensForBNB            | Private                             | ✓ |                         |
|                             | transferToMarketingWallet   | Private                             | ✓ |                         |
|                             |                             |                                     |   |                         |
| <b>AANTDividend Tracker</b> | Implementation              | DividendPay<br>ingToken,<br>Ownable |   |                         |
|                             | <Constructor>               | Public                              | ✓ | DividendPayin<br>gToken |
|                             | distributeBUSDDividends     | Public                              | ✓ | onlyOwner               |
|                             | _transfer                   | Internal                            |   |                         |
|                             | withdrawDividend            | Public                              |   | -                       |
|                             | excludeFromDividends        | External                            | ✓ | onlyOwner               |
|                             | updateClaimWait             | External                            | ✓ | onlyOwner               |
|                             | getLastProcessedIndex       | External                            |   | -                       |
|                             | getNumberOfTokenHolders     | External                            |   | -                       |
|                             | getAccount                  | Public                              |   | -                       |
|                             | getAccountAtIndex           | Public                              |   | -                       |
|                             | canAutoClaim                | Private                             |   |                         |
|                             | setBalance                  | External                            | ✓ | onlyOwner               |
|                             | process                     | Public                              | ✓ | -                       |
|                             | processAccount              | Public                              | ✓ | onlyOwner               |

# Contract Flow



## Domain Info

|                               |                            |
|-------------------------------|----------------------------|
| <b>Domain Name</b>            | alphaape.net               |
| <b>Registry Domain ID</b>     | 2666060254_DOMAIN_NET-VRSN |
| <b>Creation Date</b>          | 2022-01-04T19:58:00.00Z    |
| <b>Updated Date</b>           | 2022-01-11T13:50:36.00Z    |
| <b>Registry Expiry Date</b>   |                            |
| <b>Registrar WHOIS Server</b> | WHOIS.ENOM.COM             |
| <b>Registrar URL</b>          | WWW.ENOM.COM               |
| <b>Registrar</b>              | ENOM, INC.                 |
| <b>Registrar IANA ID</b>      | 48                         |

The domain has been created about 2 months before the creation of the audit.

There is no public billing information, the creator is protected by the privacy settings.

## Summary

AANT is the native token for the Alpha Ape Network. The Project has a friendly and growing community. There are some functions that can be abused by the owner, like mass blacklisting users and transferring funds to the team's wallet. The contract might also be converted into a honeypot and prevent users from selling if the owner abuses the admin ownership. A multi-wallet signing pattern will provide security against potential hacks. Temporarily locking the contract or renouncing ownership will eliminate all the contract threats.

## Disclaimer

All the content provided in this document is for general information only and should not be used as financial advice or a reason to buy any investment.

Cyberscope team provides no guarantees against the sale of team tokens or the removal of liquidity by the project audited in this document. Always Do your own research and protect yourselves from being scammed.

The Cyberscope team has audited this project for general information and only expresses their opinion based on similar projects and checks from popular diagnostic tools. Under no circumstances did Cyberscope receive a payment to manipulate those results or change the awarding badge that we will be adding in our website.

Always Do your own research and protect yourselves from scams. This document should not be presented as a reason to buy or not buy any particular token.

The Cyberscope team disclaims any liability for the resulting losses.

## About Cyberscope

Coinscope audit and K.Y.C. service has been rebranded to Cyberscope.

Coinscope is the leading early coin listing, voting and auditing authority firm. The audit process is analyzing and monitoring many aspects of the project. That way, it gives the community a good sense of security using an informative report and a generic score.

Cyberscope and Coinscope are aiming to make crypto discoverable and efficient globally. They provides all the essential tools to assist users draw their own conclusions.



The Cyberscope team

<https://www.cyberscope.io>