

INTEGRATING BITCOIN NINJAS 'NINJA SIGNALS' WITH PT FEEDER AND PROFIT TRAILER

This guide is meant to help those who wish to integrate TradingView Alerts, AutoView, PT Feeder, and Profit Trailer to determine the minimum profit percentage before selling a coin. The information provided is for informational use only. More information can be found below

Profit Trailer Website:	https://profittrailer.com/
Profit Trailer Wiki:	https://wiki.profittrailer.com/doku.php
Profit Trailer Discord:	https://discord.gg/K9a37Vh
Profit Trailer GitHub:	https://github.com/taniman/profit-trailer/releases

PT Feeder Website:	https://cryptoprofitbot.com
PT Feeder Wiki:	https://wiki.ptfeeder.co/advanced.html
PT Feeder Discord:	https://discord.gg/EskBzsu
PT Feeder GitHub:	https://github.com/mehtadone/PTFeeder/releases
PT Feeder Forum:	https://forum.ptfeeder.co/

PROFIT TRAILER APPLICATION.PROPERTIES FILE (TEST MODE):

It is highly recommend that you run Profit Trailer in TestMode first, to determine if your settings are working as you planned.

```
##### application.properties #####  
  
license = #####  
server.port = 8081  
server.test_mode = true  
server.api_token =  
server.sitename = #####  
  
trading.exchange = BINANCE  
trading.log_history = 9999  
  
server.disable_password = false  
server.timezone_offset = -04:00  
server.language = enus  
server.skin = dark  
server.currency = ETH  
  
server.disable_notification = false  
server.disable_browser = true  
server.enable_shutdown = true  
server.disable_config = false  
server.disable_online_config = false  
  
server.start_trading_delay = 5  
  
telegram.bot_token_1 = #####  
telegram.chat_1 = #####  
telegram.disable_notification = false  
telegram.startup_notification = true  
telegram.shutdown_notification = true  
  
#discord.bot_token_1 =  
#discord.chat_1 =  
#discord.startup_notification = false  
#discord.shutdown_notification = false  
  
default_api_key = #####  
default_api_secret = #####  
trading_api_key = #####  
trading_api_secret = #####  
  
#timeout in seconds  
connection.timeout = 30
```

PT FEEDER HOSTSETTINGS.JSON FILE:

To set up PT Feeder, you need to make adjustments to both the hostsettings.json and appsettings.json files. In the hostsettings.json, you will need to ensure that you have included a SignalLength value, as well as the Email configuration section. TestMode should be set to false, to ensure that it fully functions to allow for the recommended testing within Profit Trailer.

```
{
  Host: {
    "ProfitTrailerFolder1": "C:\\Crypto\\ProfitTrailer",
    // "ProfitTrailerFolder2": "",
    // "ProfitTrailerFolder3": "",
    // "ProfitTrailerFolder4": "",
    "ProfitTrailerApiEndPoint1": "http://localhost:8081",
    "HostName": "PTF_Test",
    "LicenseKey": "####-####-####-####-####-####-####",
    // "ServerUrls": "http://localhost:5010",
    "MarketConditionCheckInMinutes": "5",
    "CalculateTrailingValues": "false",
    "UseMaxCostPercentage": "true",
    "UseMinBuyBalancePercentage": "true",
    "BackupTradingFiles": "true",
    "TurnsToRegenerateFiles": "1",
    "VolatilityDivider": "2",
    "TelegramBotId": "#####",
    "TelegramChatId": "#####",
    // "DiscordBotToken": "",
    // "DiscordChatName": "",
    "SignalLength": "2",
    "TestMode": "false"
  },
  "Serilog": {
    "MinimumLevel": "Information" // "Information" or "Debug"
  },
  "Email": {
    "ImapServer": "imap.gmail.com",
    "ImapPort": 993,
    "ImapUsername": "#####@gmail.com",
    "ImapPassword": "#####",
    "FromAddress": "noreply@tradingview.com",
    "Subject": "TradingView Alert"
  }
}
```

PT FEEDER APPSETTINGS.JSON FILE (WITH NOTES):

In the appsettings.json file, there are several settings that should be set, in order to have PT Feeder and Profit Trailer determine the minimum profit percentage before the bot sells the coin (e.g. covering the exchange fees, and/or not selling for a loss). The following example contains notes for the major settings; with a minimum profit percentage to cover discounted Binance exchange fees (while using BNB).

```
{
  "PtFeeder": {
    "BaseCurrency": "ETH",
    "MaxTrailingProfit": "999999", // This is set extremely high, so that Profit Trailer will not sell without an alert.
    "MinTrailingProfit": "0",
    "MaxTrailingBuy": "999999", // This is set extremely high, so that Profit Trailer will not buy without an alert.
    "MinTrailingBuy": "0",
    "EnabledCoinsOnly": "ONT", // Whitelist. All coins with alerts on TradingView should be listed here.
    "MinutesForLongerTermTrend": "1440",
    "MinutesToMeasureMediumTrend": "240",
    "MinutesToMeasureTrend": "60",
    "TopCurrenciesToCheck": "40"
  },
  "Common": {
    "KeepBalance": "0",
    "KeepBalancePercentage": "0",
    "MaxTradingPairs": "99", // This should be >= the number of coins with alerts on TradingView.
    "OrderbookProfitCalculation": "TRUE",
    "StartBalance": "10",
    "BtcDust": "0.000999",
    "EthDust": "0.00999",
    "BnbDust": "0.0105",
    "UsdtDust": "9.99",
    "PriceTriggerMarket": "ETH",
    "IndicatorsSomTriggerLength": "288",
    "IndicatorsBbCandlePeriod": "300",
    "IndicatorsBbLength": "20",
    "IndicatorsBbStd": "2",
    "IndicatorsSmaCandlePeriod": "300",
    "IndicatorsSmaFastLength": "8",
    "IndicatorsSmaSlowLength": "13",
    "IndicatorsSmaCrossCandles": "2",
    "IndicatorsEmaCandlePeriod": "300",
    "IndicatorsEmaFastLength": "12",
    "IndicatorsEmaSlowLength": "26",
    "IndicatorsEmaCrossCandles": "2",
    "IndicatorsRsiCandlePeriod": "300",
    "IndicatorsRsiLength": "14",
    "IndicatorsStochCandlePeriod": "300",
    "IndicatorsStochLength": "14",
    "IndicatorsMacdCandlePeriod": "300",
    "IndicatorsMacdFastLength": "12",
    "IndicatorsMacdSlowLength": "26",
    "IndicatorsMacdSignal": "9",
    "IndicatorsObvCandlePeriod": "300",
    "IndicatorsObvLength": "50",
    "IndicatorsObvSignal": "1",
    "DcaKeepBalance": "0",
    "DcaKeepBalancePercentage": "0",
    "DcaOrderbookProfitCalculation": "TRUE"
  }
}
```

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```
},
"Defaults": {
  "PanicSellEnabled": "FALSE",
  "SellOnlyModeEnabled": "FALSE",
  "InitialCost": "0", // This will determine the amount of the initial purchase.
  "InitialCostPercentage": "10", // This will determine the amount of the initial purchase.

  "TrailingBuy": "999999", // This is set extremely high, so that Profit Trailer will not buy without an alert.
  "ABuyStrategy": "LOSS",
  "ABuyValue": "-101", // This is set extremely high, so that Profit Trailer will not buy without an alert.

  "DcaEnabled": "TRUE", // This will immediately force all coin pairs into DCA, to allow pyramiding.
  "MaxBuySpread": "9", // If too low, this will restrict purchases via script.
  "MinBuyPrice": "0",
  "MinBuyVolume": "0",
  "MinOrderbookVolumePercentage": "100",
  "RebuyTimeout": "5",

  "TrailingProfit": "999999", // This is set extremely high, so that Profit Trailer will not sell without an alert.
  "ASellStrategy": "GAIN",
  "ASellValue": "999999", // This is set extremely high, so that Profit Trailer will not sell without an alert.

  "DcaMaxCost": "10", // If too low, this will restrict quantities of additional purchases via script.
  // Remember that this is actual value, and not a percentage.
  "DcaMaxBuyTimes": "100", // If too low, this will restrict quantities of additional purchases via script.

  "DcaTrailingBuy": "999999", // This is set extremely high, so that Profit Trailer will not buy without an alert.
  "DcaABuyStrategy": "LOSS",
  "DcaABuyValue": "-101", // This is set extremely high, so that Profit Trailer will not buy without an alert.

  "DcaIgnoreSellOnlyMode": "TRUE",
  "DcaMaxBuySpread": "9", // If too low, this will restrict quantities of additional purchases via script.
  "DcaMinBuyVolume": "0",
  "DcaMinOrderbookVolumePercentage": "100",
  "DcaRebuyTimeout": "5",

  "DcaTrailingProfit": "999999", // This is set extremely high, so that Profit Trailer will not sell without an alert.
  "DcaASellStrategy": "GAIN",
  "DcaASellValue": "999999", // This is set extremely high, so that Profit Trailer will not sell without an alert.

  "DcaBuyTrigger": "0", // This is set to Zero, so that Profit Trailer will make subsequent buys
  // with an alert.

  "DcaBuyPercentage1": "100", // These are set, so that subsequent buys will be approximately the
  // same amount as the initial alert.
  "DcaBuyPercentage2": "50",
  "DcaBuyPercentage3": "33.33333333333333",
  "DcaBuyPercentage4": "25",
  "DcaBuyPercentage5": "20",
  "DcaBuyPercentage6": "16.66666666666667",
  "DcaBuyPercentage7": "14.2857142857143",
  "DcaBuyPercentage8": "12.5",
  "DcaBuyPercentage9": "11.11111111111111",
  "DcaBuyPercentage10": "10",
  "DcaBuyPercentage11": "9.09090909090909",
  "DcaBuyPercentage12": "8.33333333333333",
  "DcaBuyPercentage13": "7.69230769230769",
  "DcaBuyPercentage14": "7.14285714285714",
  "DcaBuyPercentage15": "6.66666666666667",
```

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"DcaBuyPercentage16": "6.25",
"DcaBuyPercentage17": "5.88235294117647",
"DcaBuyPercentage18": "5.55555555555556",
"DcaBuyPercentage19": "5.26315789473684",
"DcaBuyPercentage20": "5",
"DcaBuyPercentage21": "4.76190476190476",
"DcaBuyPercentage22": "4.54545454545455",
"DcaBuyPercentage23": "4.34782608695652",
"DcaBuyPercentage24": "4.16666666666667",
"DcaBuyPercentage25": "4",
"DcaBuyPercentage26": "3.84615384615385",
"DcaBuyPercentage27": "3.7037037037037",
"DcaBuyPercentage28": "3.57142857142857",
"DcaBuyPercentage29": "3.44827586206897",
"DcaBuyPercentage30": "3.33333333333333",
"DcaBuyPercentage31": "3.2258064516129",
"DcaBuyPercentage32": "3.125",
"DcaBuyPercentage33": "3.03030303030303",
"DcaBuyPercentage34": "2.94117647058824",
"DcaBuyPercentage35": "2.85714285714286",
"DcaBuyPercentage36": "2.77777777777778",
"DcaBuyPercentage37": "2.7027027027027",
"DcaBuyPercentage38": "2.63157894736842",
"DcaBuyPercentage39": "2.56410256410256",
"DcaBuyPercentage40": "2.5",
"DcaBuyPercentage41": "2.4390243902439",
"DcaBuyPercentage42": "2.38095238095238",
"DcaBuyPercentage43": "2.32558139534884",
"DcaBuyPercentage44": "2.27272727272727",
"DcaBuyPercentage45": "2.22222222222222",
"DcaBuyPercentage46": "2.17391304347826",
"DcaBuyPercentage47": "2.12765957446808",
"DcaBuyPercentage48": "2.08333333333333",
"DcaBuyPercentage49": "2.04081632653061",
"DcaBuyPercentage50": "2",
"DcaBuyPercentage51": "1.96078431372549",
"DcaBuyPercentage52": "1.92307692307692",
"DcaBuyPercentage53": "1.88679245283019",
"DcaBuyPercentage54": "1.85185185185185",
"DcaBuyPercentage55": "1.81818181818182",
"DcaBuyPercentage56": "1.78571428571429",
"DcaBuyPercentage57": "1.75438596491228",
"DcaBuyPercentage58": "1.72413793103448",
"DcaBuyPercentage59": "1.69491525423729",
"DcaBuyPercentage60": "1.66666666666667",
"DcaBuyPercentage61": "1.63934426229508",
"DcaBuyPercentage62": "1.61290322580645",
"DcaBuyPercentage63": "1.58730158730159",
"DcaBuyPercentage64": "1.5625",
"DcaBuyPercentage65": "1.53846153846154",
"DcaBuyPercentage66": "1.51515151515151",
"DcaBuyPercentage67": "1.49253731343284",
"DcaBuyPercentage68": "1.47058823529412",
"DcaBuyPercentage69": "1.44927536231884",
"DcaBuyPercentage70": "1.42857142857143",
"DcaBuyPercentage71": "1.40845070422535",
"DcaBuyPercentage72": "1.38888888888889",
"DcaBuyPercentage73": "1.36986301369863",
"DcaBuyPercentage74": "1.35135135135135",

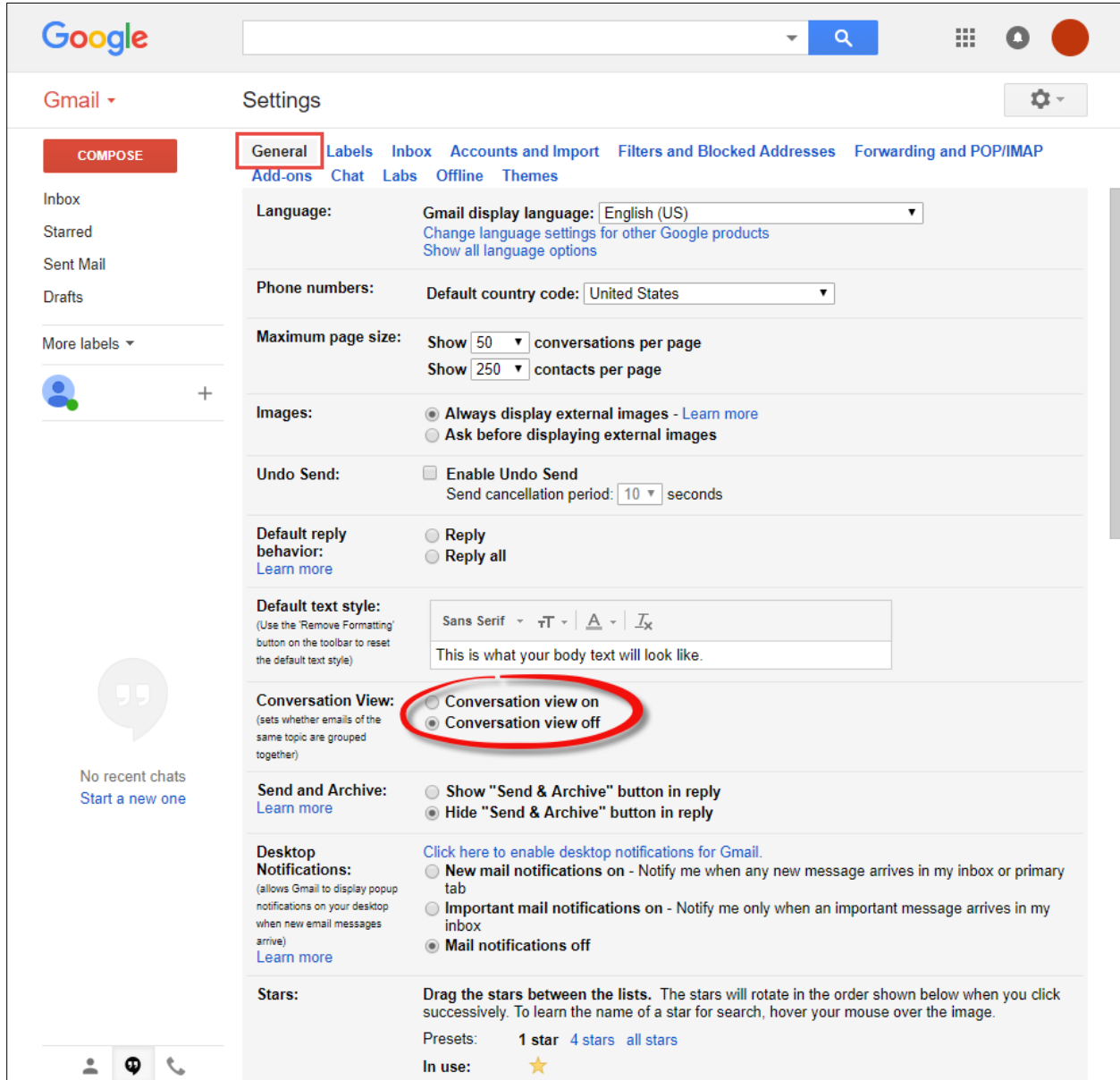
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```
"DcaBuyPercentage75": "1.3333333333333333",
"DcaBuyPercentage76": "1.31578947368421",
"DcaBuyPercentage77": "1.2987012987013",
"DcaBuyPercentage78": "1.28205128205128",
"DcaBuyPercentage79": "1.26582278481013",
"DcaBuyPercentage80": "1.25",
"DcaBuyPercentage81": "1.23456790123457",
"DcaBuyPercentage82": "1.21951219512195",
"DcaBuyPercentage83": "1.20481927710843",
"DcaBuyPercentage84": "1.19047619047619",
"DcaBuyPercentage85": "1.17647058823529",
"DcaBuyPercentage86": "1.16279069767442",
"DcaBuyPercentage87": "1.14942528735632",
"DcaBuyPercentage88": "1.13636363636364",
"DcaBuyPercentage89": "1.12359550561798",
"DcaBuyPercentage90": "1.11111111111111",
"DcaBuyPercentage91": "1.0989010989011",
"DcaBuyPercentage92": "1.08695652173913",
"DcaBuyPercentage93": "1.0752688172043",
"DcaBuyPercentage94": "1.06382978723404",
"DcaBuyPercentage95": "1.05263157894737",
"DcaBuyPercentage96": "1.04166666666667",
"DcaBuyPercentage97": "1.03092783505155",
"DcaBuyPercentage98": "1.02040816326531",
"DcaBuyPercentage99": "1.01010101010101",
"DcaBuyPercentage100": "1"
},
"MarketConditionsGrouping": { // PT Feeder will shut down if no Market Conditions are set.
                               // Note that no offsets are made.
  "Configs": [
    {
      "Name": "Bear",
      "MaxBaseCoinPriceChange": "-2"
    },
    {
      "Name": "Neutral",
      "MaxBaseCoinPriceChange": "2"
    },
    {
      "Name": "Bull",
      "MaxBaseCoinPriceChange": "999999"
    }
  ]
},
"TradingViewSignalsGrouping": { // PT Feeder will not recognize TradingView Signals without this grouping.
                                // Note that all overrides are contained within the TradingView alerts.
  "Condition": "[pair.SignalDetected] == true",
  "Configs": [
    {
      "Override": {
        "Weight": "100"
      }
    }
  ]
},
}
```

SETTING UP YOUR GMAIL ACCOUNT:

Setup a new Gmail account. Note that PT Feeder searches for unread mail as a new alert so a new email which isn't being checked is required.

So that it is easier to verify alert emails, set Conversation View "off" on your email account like below:



The screenshot shows the Gmail Settings page for a user. The 'General' tab is selected and highlighted with a red box. The 'Conversation View' section is also highlighted with a red circle, showing that 'Conversation view off' is selected. Other settings visible include Language (English (US)), Phone numbers (United States), Maximum page size (50 conversations per page, 250 contacts per page), Images (Always display external images), Undo Send (disabled), Default reply behavior (Reply), Default text style (Sans Serif), Send and Archive (Hide "Send & Archive" button in reply), Desktop Notifications (Mail notifications off), and Stars (1 star selected).

General Labels Inbox Accounts and Import Filters and Blocked Addresses Forwarding and POP/IMAP
Add-ons Chat Labs Offline Themes

Language: Gmail display language: English (US)
[Change language settings for other Google products](#)
[Show all language options](#)

Phone numbers: Default country code: United States

Maximum page size: Show 50 conversations per page
Show 250 contacts per page

Images:
 Always display external images - [Learn more](#)
 Ask before displaying external images

Undo Send: Enable Undo Send
Send cancellation period: 10 seconds

Default reply behavior:
 Reply
 Reply all
[Learn more](#)

Default text style:
(Use the 'Remove Formatting' button on the toolbar to reset the default text style)
Sans Serif | T | A | Ix
This is what your body text will look like.

Conversation View: (sets whether emails of the same topic are grouped together)
 Conversation view on
 Conversation view off

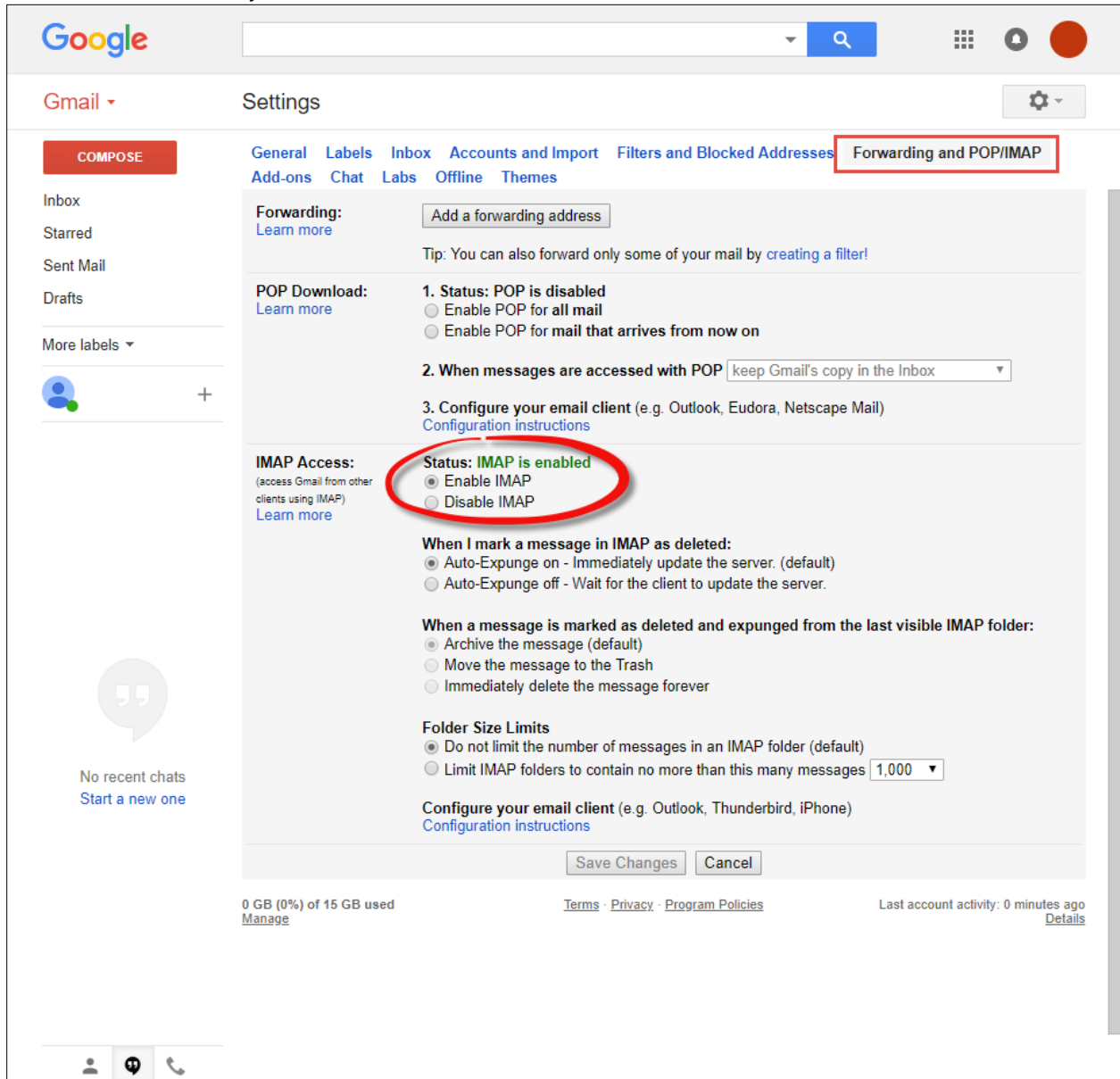
Send and Archive:
 Show "Send & Archive" button in reply
 Hide "Send & Archive" button in reply
[Learn more](#)

Desktop Notifications:
[Click here to enable desktop notifications for Gmail.](#)
 New mail notifications on - Notify me when any new message arrives in my inbox or primary tab
 Important mail notifications on - Notify me only when an important message arrives in my inbox
 Mail notifications off

Stars:
Drag the stars between the lists. The stars will rotate in the order shown below when you click successively. To learn the name of a star for search, hover your mouse over the image.
Presets: 1 star 4 stars all stars
In use: ★

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Enable IMAP access on your email account like below:



The screenshot shows the Gmail Settings page for 'Forwarding and POP/IMAP'. The 'Forwarding and POP/IMAP' tab is selected and highlighted with a red box. The 'IMAP Access' section is also highlighted with a red circle, showing the status 'Status: IMAP is enabled' and the 'Enable IMAP' radio button selected. Other sections include 'Forwarding', 'POP Download', and 'Folder Size Limits'.

Forwarding and POP/IMAP

Forwarding: Add a forwarding address
Tip: You can also forward only some of your mail by [creating a filter!](#)

POP Download: Learn more
1. Status: POP is disabled
 Enable POP for all mail
 Enable POP for mail that arrives from now on
2. When messages are accessed with POP: keep Gmail's copy in the Inbox
3. Configure your email client (e.g. Outlook, Eudora, Netscape Mail)
[Configuration instructions](#)

IMAP Access: (access Gmail from other clients using IMAP) Learn more
Status: IMAP is enabled
 Enable IMAP
 Disable IMAP

When I mark a message in IMAP as deleted:
 Auto-Expunge on - Immediately update the server. (default)
 Auto-Expunge off - Wait for the client to update the server.

When a message is marked as deleted and expunged from the last visible IMAP folder:
 Archive the message (default)
 Move the message to the Trash
 Immediately delete the message forever

Folder Size Limits
 Do not limit the number of messages in an IMAP folder (default)
 Limit IMAP folders to contain no more than this many messages: 1,000

Configure your email client (e.g. Outlook, Thunderbird, iPhone)
[Configuration instructions](#)

Save Changes Cancel

0 GB (0%) of 15 GB used [Manage](#) [Terms](#) · [Privacy](#) · [Program Policies](#) Last account activity: 0 minutes ago [Details](#)

SETTING UP ALERTS IN TRADINGVIEW:

The alerts are valid for how long you set SignalLength in your hostsettings.json (default is 15 mins). After this time, the setting for that coin will revert back to the DEFAULT settings or any other pair overrides you have.

BUY ALERT:

```
Buy Now  
BINANCE:ONTETH  
SET  
ABuyStrategy=RSI  
ABuyValue=100  
TrailingBuy=0  
DcaABuyStrategy=RSI  
DcaABuyValue=100  
DcaTrailingBuy=0  
Weight=100
```

Edit Alert on ONTETH, 5m [X]

Condition: Bitcoin Ninjas 'Ninja Signals' Buy & Sell...
BUY ARROW
BUY ALERT

Options: Only Once, Once Per Bar, **Once Per Bar Close**, Once Per Minute

Expiration time: 2018-07-17 [Calendar icon]
14:05 [Clock icon]

Alert Actions:
 Show Popup
 Play Sound
 Send Email
 Send Email-to-SMS
 Send SMS

Message: Buy Now
BINANCE:ONTETH
SET
ABuyStrategy=RSI

[Delete] [Cancel] [Save]

SELL ALERT:

Sell Now
BINANCE:ONTETH
SET
ASellStrategy=GAIN
ASellValue=0.1
TrailingProfit=0
DcaASellStrategy=GAIN
DcaASellValue=0.1
DcaTrailingProfit=0
Weight=100

Edit Alert on ONTETH, 5m ✕

Condition: Bitcoin Ninjas 'Ninja Signals' Buy & Sell...
SELL ARROW
SELL ALERT

Options: Only Once, Once Per Bar, **Once Per Bar Close**, Once Per Minute

Expiration time: 2018-07-17, 14:07

Alert Actions: Show Popup, Play Sound, Send Email, Send Email-to-SMS, Send SMS

Message: Sell Now
BINANCE:ONTETH
SET
ASellStrategy=GAIN

Delete Cancel **Save**