

# Node Setup

Explorers/Status

<https://map.sentinel.co/>

<https://dashboard.gaganode.com/nodes>

[https://dashboard.meson.network/user\\_node](https://dashboard.meson.network/user_node)

sentinal 2x done

ziesha 1x done

## Sentinal dVPN

<https://trinityprivacy.gitbook.io/sentinel-dvpn-node-guide/>

<https://docs.sentinel.co/dVPN-node/setup/>

[https://github.com/DecloudNodesLab/Sentinel\\_dVPN](https://github.com/DecloudNodesLab/Sentinel_dVPN)

CPU cores 2GHz, 1

RAM 1 Gigabyte

Disk space 2 Gigabytes

Disk type HDD

Operating System Ubuntu 22.04

## Ziesha

<https://github.com/0xSocrates/Testnet-Rehberler/blob/main/Ziesha-Network/ReadmeEN.md>

<http://ziesha.network/zeejs/>

**Requirements:** 2CPU 2RAM 50GB SSD (minimum)

## Humanode

<https://airtable.com/shrMPPKawloCUWb5T/tblUSElvAlFmjmlK/viwy1Kfk9yJyJa1nI?blocks=hide>

<https://gitbook.humanode.io/docs/node/system-requirements>

<https://gitbook.humanode.io/mainnet-guide/manual/overview>

<https://blog.humanode.io/fee-distribution-mechanism/>

4 CPU Cores

4 GB RAM

160 GB disk space

100 Mbps internet connection

Ubuntu 20.04 (amd64) & Ubuntu 22.04 is NOT supported !!

## Bittensor

<https://bittensor.com/documentation/intro/index>

## GaGa & Menson

## Mysterium

## Forta

[https://docs.google.com/spreadsheets/d/1IMFWm6B7FUDRjEPKtiDiSa10cZYINM\\_Otn2U2Z68epc/edit#gid=917636317](https://docs.google.com/spreadsheets/d/1IMFWm6B7FUDRjEPKtiDiSa10cZYINM_Otn2U2Z68epc/edit#gid=917636317)

<https://docs.forta.network/en/latest/scanner-quickstart/>

- The minimum stake allocation required per node is 2500 FORT = \$360 approx
  - 64-bit Linux distribution
  - CPU with 4+ cores
  - 16GB RAM
  - Connection to Internet
  - Docker v20.10+
  - 100GB SSD (in addition to full node requirements)

[https://docs.minima.global/docs/runanode/selectplatform/linux\\_vps](https://docs.minima.global/docs/runanode/selectplatform/linux_vps)

### AWS

CPU ram base performance

2 2 20% 24

t3.micro 2 1.0 10% 12

t3.micro	2 vcpu	12 credits	1 ram	10%
t2.micro	1	6	1	
t4g.small arm based	2	24	2	20%

### Recurring costs

- Cloud providers
- Electricity
- Bandwidth
- Datacenter

# Cloud VPS

Civo - \$250 1month

AWS \$300 not searched that much <https://www.antimetal.com/> for efficiency increment and cost reduction

Oracle 30 days \$300

IBM 30 days \$200

3 months mostly

- **Free trial plan to experiment this virtual computing lab offering**
- Standard Image Size : 2 vCPU, 8GB RAM, 200GB Disk
- Total cores: 2 vCPU
- Total Memory: 8 GB
- Total Disk: 200 GB

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**GCP 90-day, \$300 Free Trial offer**

Azure

Linode \$120 \$0.18 16GB 8 320GB 6 TB 40/6 Gbps

DigitalOcean \$200 1 year

Vultr

## Oracle free tier

**NYM 2 cores, few mb ram and no disk space**

**MNW 1800MNW=1.8k dollar but 1 core 500mb space its a pretty good deal**

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**DUSK Network- 1 core, 1gb memory, 20gb HD**

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human node 4core 4gb ram 80gb disk 100mb netspeed - unfortunately only 100 nodes are only there so being in that 100 ig is a pretty difficult

**MASQ VPN Server**

**oxen. 15k oxen is almost 3.5kusd**

**Incognito node apr around 75% ATM and staking=\$415**

- 4GB RAM
- 4 CPUs
- 250GB SSD

**Cartesi just need a vps - heroku preferred and I can get heroku free from github so no cost vps for me!!!!!!!!!!!!!!!!!!!!!! do check it out**

CheqD Node

### **Minimum specifications**

2 GB RAM

x64 1.4 GHz 1 vCPU (or equivalent)

200 GB of disk space

### **Recommended specifications**

4 GB RAM

x64 2.0 GHz 2 vCPU (or equivalent)

300 GB SSD

### ***OriginTrail***

**4GB RAM,**

**2CPUs**

**50GB HDD space**

Sarcophagus

**Regular Intel CPU with SSD - 1GB RAM, 25 GB SSD, 1000 GB transfer limit.**

<https://sarcophagus.notion.site/Getting-started-as-an-Archaeologist-4c67d9c87b014df1821d27200446a35c>

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EDGE Network

Celestia modular blockchain

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NYM mixnode 2 cores, few mb ram and less disk space but IPv4 and IPv6 both mandatory

Incognito node 4GB RAM - 4 CPUs 250GB SSD

OXEN 2-4GB ram 40GB or more disk 100Mb or faster connectivity and 1TB transfer speed

Cartesi OS just a VPS

All are min requirement with

Sarcophagus Regular Intel CPU with SSD - 1GB RAM, 25 GB SSD, 1000 GB transfer limit.

DUSK Network- 1 core, 1gb memory 0gb HD - Beta ongoing but closed for public now specs will be increased mostly like other crypto projects

Masq Node (1vCPU, 2GB Ram, 5GB SSD) Specs not yet disclosed its assumed, bandwidth sharing project

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blackhat coin

<https://oxen.caliban.org/>

Utherverse Ido

what i cant

casper

mina

constellation

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OXEN

Hosting= Rs429.00= \$5.23 ( 2vCPU, 2GB Ram, 40GB SSD)

Staking- 3750oxen = \$652.21

Rewards- 80oxen= \$14

Monthly APR= 2.15

Yearly APR= 25.85

Profit= \$8.77

Profit Apr = 16.199

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NYM

Hosting= Rs429.00= \$5.23 ( 2vCPU, 2GB Ram, 40GB SSD)

Staking- 3285.17NYM= \$652

Rewards =

Monthly APR= 2

Yearly APR= 24

Profit= \$8 Apprx

Or else Best STRATEGY

Hosting = \$10.38 (4vCPU, 8GB Ram, 200GB SSD)

1) NYM Node ( 2vCPU, 2GB Ram, 5GB SSD)

Staking = any lets say %500

Rewards APR = 24%

Monthly = 10

2) Masq Node (1vCPU, 2GB Ram, 5GB SSD)

Staking = none yet

Rewards = don't know

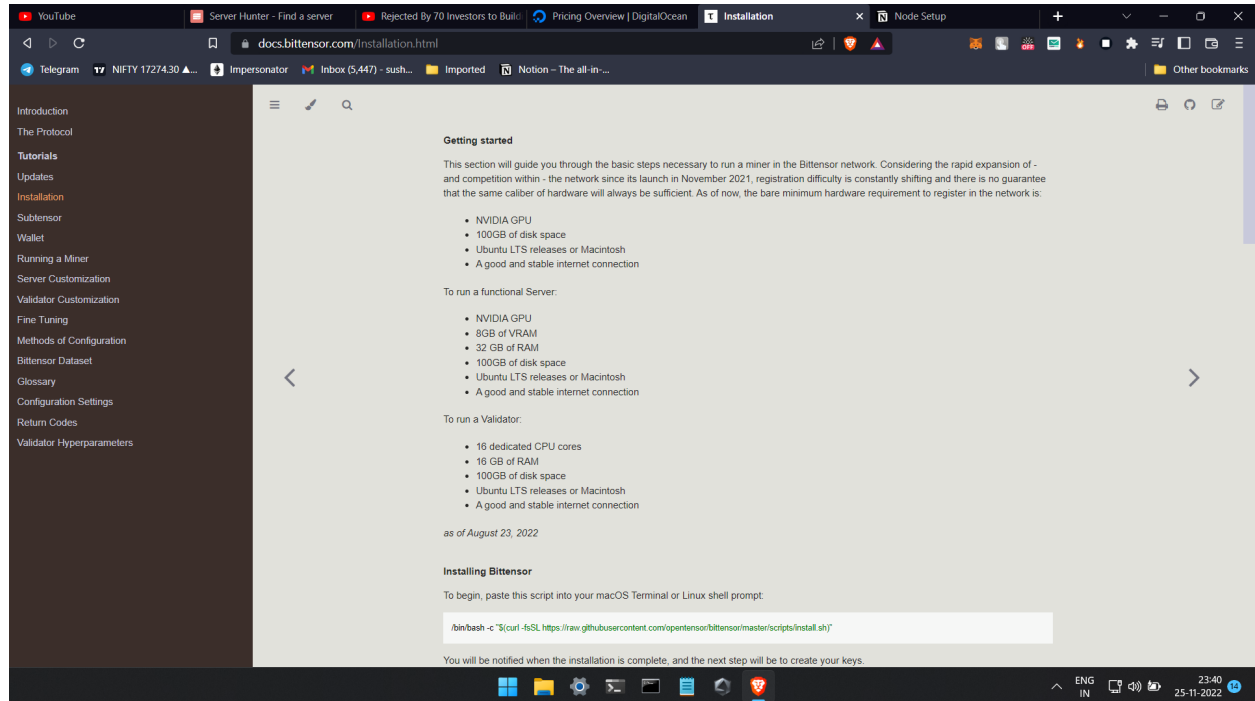
3) Akash Provider (1vCPU, 4GB Ram, 190GB SSD)

Staking = 5AKT = \$1.5 = Rs120

Rewards = none with 15 chance of getting 18AKT = \$4 but we don't get rewards until we get any orders/deployments so need to do marketing

sasb chutiya bana rahe hai ig best is raspberry pi

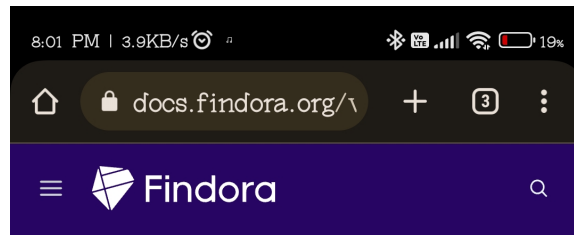
But why to do all this if I can get delegate with 0% commission



Bittensor strategy

google, oracle, amazon etc 100 to 300 \$ credit should be used to mine like GPU and if enough TOU is collected like 1024 then may be I can move to validating also.

Invest in AI like bittensor and Psychedelic businesses



Findora validator node. It is written to ensure easy onboarding for beginners and intermediate users.

### System Requirements

- Hardware Requirements:
  - Minimum: 8GB RAM, 2 Core CPU (2.90GHz per core), 100GB Hard Disk
  - Recommended: 16GB RAM, 4 Core CPU (2.90Ghz per core), 300GB Hard Disk
    - ex: AWS T3 t3.2xlarge
    - ex: AliCloud g6 g6.2xlarge
    - ex: GCP n2 n2-standard-8
- Software Requirements:
  - Ubuntu 20.04LTS or 22.04LTS Operating System or MacOS
  - Firewall ports opened: 8545, 8667-8669, 26657
  - User account with root access

### Step 1: First Server Login

