XODE Node (Kusama 3344)

**Requirements**

* 8 Core (Core i9 or equivalent)
* 32 GB RAM
* 1 TB SSD Drive
* Ubuntu 24 Operating System

**STEP 1: Downloading the xode-node binary**

**X86-64**

$ curl -L "https://drive.usercontent.google.com/download?id=10zStcLL08V3hiCy507CBXMCKCb2VFQsM&confirm=xxx" -o xode-node

**Aarch64**

$ curl -L "https://drive.usercontent.google.com/download?id=1S8uBEuaZhSfJMCwKvbzWXAw\_7J4EgPVE&confirm=xxx" -o xode-node

**STEP 2: Download the Xode Blockchain Kusama 3344 Chainspecs**

$ wget --no-check-certificate 'https://docs.google.com/uc?export=download&id=19C8s1MdVubYjMFiLBmvwhWxTK6bPeyve' -O raw-xode-node-chainspec.json

**STEP 3: Make the xode-node binary executable**

$ chmod +x xode-node

**STEP 4: Make a xode base path directory**

$ mkdir xode

**STEP 5: Create a shell script:** $ nano xode-node.sh

#!/bin/bash

/home/ubuntu/xode-node \

--chain /home/ubuntu/raw-xode-node-chainspec.json \

--base-path /home/ubuntu/xode \

--rpc-port 9944 \

--pruning archive \

--telemetry-url "wss://telemetry.polkadot.io/submit/ 0" \

--name "xode-node”

**Description**

* /home/ubuntu/xode-node : This specifies the directory of the xode-node binary
* --chain /home/ubuntu/raw-xode-node-chainspec.json This argument tells the command that the chain specification file is located at /home/ubuntu/raw-xode-node-chainspec.json
* --base-path /home/ubuntu/xode : This argument accepts a directory path where the database will be stored. In this example, the data will be stored in /home/ubuntu/xode
* --rpc-port 9944 : This specifies the port on which the node will run (default: 9944).
* --pruning archive : This specifies that the node will run in archive mode. If you want the node to run as a full node instead, you can remove this argument.
* --telemetry-url "wss://telemetry.polkadot.io/submit/ 0" : This makes the node visible in telemetry.
* --name "your-node-name” :This sets a custom node name that will be reflected in telemetry. Replace "your-node-name” with your desired name, e.g., --name "xode-node”

**Enable RPC add the following line.**

--rpc-external \

--unsafe-rpc-external \

--rpc-methods safe \

--rpc-cors ‘\*’

**Full example of running a full node with RPC enabled.**

#!/bin/bash

/home/ubuntu/xode-node \

--chain /home/ubuntu/raw-xode-node-chainspec.json \

--base-path /home/ubuntu/xode \

--rpc-port 9944 \

--pruning archive \

--rpc-external \

--unsafe-rpc-external \

--rpc-methods safe \

--rpc-cors ‘\*’ \

--telemetry-url "wss://telemetry.polkadot.io/submit/ 0" \

--name "xode-node”

**STEP 6: Make the xode-node.sh executable**

$ chmod +x xode-node.sh

**STEP 7: Test if it runs**

$ ./xode-node.sh

**STEP 8: Create a service:** $ sudo nano /etc/systemd/system/xode-collator.service

[Unit]

Description=Xode Node

[Service]

ExecStart=/home/ubuntu/xode-node.sh

Restart=always

RestartSec=120

[Install]

WantedBy=multi-user.target

**STEP 9: Enable the service**

$ sudo systemctl enable xode-collator.service

**STEP 10: Start the service**

$ sudo systemctl start xode-collator.service

**STEP 11: Wait for 30 seconds and check if the service is running**

$ journalctl -f -u xode-collator

**STEP 12: Check the telemetry site to view your node**

https://telemetry.polkadot.io/#/0x28cc1df52619f4edd9f0389a7e910a636276075ecc429600f1dd434e281a04e9