Full Node Setup

Before starting a full node, the unique identifier of thechain-id will be needed, which will be released as soon as the genesis file is ready.

Join the network

Once thechain-id has been distributed, it is possible to join the network with theCHAIN_ID :

export CHAIN_ID = "namada-mainnet"

(replace with the actual chain-id)

NAMADA_NETWORK_CONFIGS_SERVER

"https://github.com/anoma/namada-shielded-expedition/releases/download/shielded-expedition.88f17d1d14"

namada

client

utils

join-network

--chain-id CHAIN_ID

Start your node and sync

CMT_LOG_LEVEL

p2p:none,pex:error

namada

node

ledger

run Optional: If you want more logs, you can instead run

NAMADA_LOG

info CMT_LOG_LEVEL = p2p:none,pex:error NAMADA_CMT_STDOUT = true

namada

node

ledger

run And if you want to save your logs to a file, you can instead run:

TIMESTAMP

(date

+%s) NAMADA_LOG = info CMT_LOG_LEVEL = p2p:none,pex:error NAMADA_CMT_STDOUT = true

namada

node

ledger

run

&

logs-{TIMESTAMP}.txt tail

-f

-n

20

logs- {TIMESTAMP} .txt

(in another shell)

Running namada as a systemd service

The below script is a community contribution by Encipher88, and currently only works on Ubuntu machines. It has served useful for many validators. The below assumes you have installed namada from source, withmake install . It at least assumes the respective binaries are in/usr/local/bin/ .

which

namada

(should return /usr/local/bin/namada)

The below makes a service file for systemd, which will run namada as a service. This is useful for running a node in the background, and also for auto-restarting the node if it crashes.

sudo

tee

/etc/systemd/system/namadad.service

/dev/null

<< EOF [Unit] Description=namada After=network-online.target [Service] User=USER WorkingDirectory=HOME/.local/share/namada Environment=CMT_LOG_LEVEL=p2p:none,pex:error Environment=NAMADA_CMT_STDOUT=true ExecStart=/usr/local/bin/namada node ledger run StandardOutput=syslog StandardError=syslog Restart=always RestartSec=10 LimitNOFILE=65535 [Install] WantedBy=multi-user.target EOF Enable the service with the below commands:

sudo

systemctl

daemon-reload sudo

systemctl

enable

namadad Now you can manage the node through systemd commands:

- Run the node

sudo

systemctl

start

namadad * Stop the node

sudo

systemctl

stop

namadad * Restart the node

sudo

systemctl

restart

namadad * Show node logs

sudo

journalctl

-u

namadad

-f

-o

cat

Environment variables Logging configurations