Environment setup

< Callout type = "info" > If you don't want to build Namada from source you can install Namada from binaries . Note that building from source can be a difficult process and is not recommended for beginners. < /Callout>

Export the following variables:

export NAMADA_TAG = v0.31.9

Installing Namada

< Steps >

Install all pre-requisites

- Rust(opens in a new tab)
- CometBFT
- Protobuf

Clone namada repository and checkout the correct versions

git

clone

https://github.com/anoma/namada

&&

cd

namada

&&

git

checkout NAMADA_TAG

Build binaries

make

install * There may be some additional requirements you may have to install (linux):

sudo

apt-get

update

-y sudo

apt-get

install

build-essential

make

pkg-config

libssl-dev

libclang-dev

-y curl

--proto

'=https'

--tlsv1.2

-sSf

https://sh.rustup.rs

|

sh < /Steps>

Installing CometBFT

< Steps >

See the installing CometBFT sectionhere

for instructions on how to install CometBFT.

Copy both the namada and CometBFT binaries to somewhere on PATH (or use the relative paths). This step may or may not be necessary.

- namada binaries can be found in/target/release
- CometBFT is likely inHOME/Downloads/cometbft
- < /Steps>

Check ports

< Steps >

Open ports on your machine:

- 26656
- 26657

To check if ports are open you can setup a simple server and curl the port from another host

- Inside the namada folder, run

{ printf

'HTTP/1.0 200 OK\r\nContent-Length: %d\r\n\r\n'

"(wc

-c

<

namada)" ; cat

namada ; } |

nc

-l PORT * From another host run one of the two commands:* nmap IP -pPORT * * curl IP:PORT >/dev/null

Verifying your installation

- Make sure you are using the correct CometBFT version* cometbft version
-
    - should output0.37.2
- Make sure you are using the correct Namada version* namada --version
-
    - should outputNamada v0.31.9

< /Steps>