

## Node types

There are a few node types that can be run on Sei network which serve a variety of purposes. These include:

- RPC / full nodes
  - : these nodes are generally used for querying data or interacting with the chain. They maintain some state but not since genesis. The default settings will run rpc / full nodes.
- Archive Nodes
  - : maintain full state of the blockchain from genesis. Generally requires large disks. To enable this type of node, set min-retain-blocks=0 and pruning="nothing" in your app.toml
- State Sync Nodes
  - : provide snapshot data for other nodes to use to bootstrap onto the chain. To enable this type of node, set enable=true under the [statesync] section in config.toml
- Validator Nodes
  - : provide security to the chain by proposing and signing blocks. To enable this type of node, set mode=validator in config.toml. Note that because Sei is proof-of-stake, you must have enough delegation to join the active set
- Commonly Used Ports

Seid uses the following TCP ports. Toggle their settings to match your environment.

- 26656
  - : The default port for the P2P protocol. This port is used to communicate with other nodes and must be open to join a network.
- 1317
  - : The default port for interacting with the Seid API server for HTTP RESTful requests. This allows applications and services to interact with the seid instance through RPC.
- 26660
  - : The default port for interacting with the Prometheus database, which can be used to monitor the environment. In the default configuration, this port is not open.
- 26657
  - : The default port for the RPC protocol. Because this port is used for querying and sending transactions, it must be open for serving queries from seid.
- These ports are all customizable in HOME/.sei/config/config.toml and HOME/.sei/config/app.toml discussed in the later sections along with other fields.

## Systemd File Template

[Unit] Description = Sei

Node After = network.target

[Service] User =< USE R

## Type

simple ExecStart =< PATH\_TO\_SEI D

/seid

start

--chain-id

< Networ k

## Restart

always

**wait 30 seconds before restarting the service after it has failed.**

## RestartSec

**wait up to 30 seconds for the service to stop gracefully when it is being stopped.**

## **TimeoutStopSec**

**send the SIGINT signal (equivalent to pressing Ctrl-C) to the service process when it is being stopped giving it a chance to shut down gracefully.**

## **KillSignal**

SIGINT LimitNOFILE = 65535

[Install] WantedBy = multi-user.target Last updated on May 27, 2024 [Node Operators Configure General Settings](#)