Peering Directly with Order Gateway

For improved order latency of the network, the community might spin up an order gateway node to directly peer with. A chain coordination party may share this in the form ofgateway_node_id@gateway_ip_address:port .

There are 2 options to peer directly with the gateway node:

Option A: Gateway -> Validator

- Share the full peering info of your validator node (node_id@ip_address:port
-) with the coordination party, which can be added as apersistent_peer
- to the gateway node. It's important that raw IP address (as opposed to a loadbalancer URL) of the validator node (as opposed to a sentry node) is shared. This ensures that the a direction connection can be maintained across node restarts.* If your IP or node ID changes due to node migration, please inform the coordination party.
- Add the gatewaynode_id
- as a private and unconditional peer. This ensure that the gateway node is not subject to regualr peer # limits, and is not broadcasted to the rest of the network.

--p2p.private_peer_ids="gateway_node_id, ... " --p2p.unconditional_peer_ids="gateway_node_id, ... "

Option B: Validator -> Gateway

- Share thenode_id
- (IP not required) of your validator node with the coordination party. It's important to share thenode_id
- of the validator node, as opposed to a sentry node. This can be added to the gateway node asunconditional_peer
- .
- Add the gateway node as a persistent and private peer to the validator node:

--p2p.private_peer_ids="gateway_node_id, ... " --p2p.persistent_peers="gateway_node_id@gateway_ip_address:port, ... "

Addendum

CometBFTdocumentation(opens in a new tab) on P2P configs

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