Command-line options: Orbit nodes

The following command-line options can be used when running your Orbit node:

Flag Description --execution.rpc.classic-redirect= Redirects archive requests for pre-nitro blocks to this RPC of an Arbitrum Classic node with archive database. Only for Arbitrum One. --http.api Offered APIs over the HTTP-RPC interface. Default:net,web3,eth,arb . Adddebug for tracing. --http.corsdomain Accepts cross origin requests from these comma-separated domains (browser enforced). --http.vhosts Accepts requests from these comma-separated virtual hostnames (server enforced). Default:localhost . Accepts* . --http.addr Address to bind RPC to. May require0.0.0.0 for Docker networking. --execution.caching.archive Retains past block state. For archive nodes. --node.feed.input.url= Default:wss://.arbitrum.io/feed . ⚠ One feed relay per datacenter is advised. See [feed relay guide](#) . --execution.forwarding-target= Defaults to the L2 Sequencer RPC based on provided L1 and L2 chain IDs. --execution.rpc.evm-timeout Default:5s . Timeout foreth_call . (0 == no timeout). --execution.rpc.gas-cap Default:50000000 . Gas cap foreth_call /estimateGas . (0 = no cap). --execution.rpc.tx-fee-cap Default:1 . Transaction fee cap (in ether) for RPC APIs. (0 = no cap). --ipc.path Filename for IPC socket/pipe within datadir. Not supported on macOS. Note the path is within the Docker container. --init.prune Prunes before starting the node. Can be "full" or "validator". --init.url="" (Non-Orbit Nitro nodes only) URL to download the genesis database from. Required only for the first startup of an Arbitrum One node. Reference to[snapshots](#) and[archive node guide](#) . --init.download-path="/path/to/dir" (Non-Orbit Nitro nodes only) Temporarily saves the downloaded database snapshot. Defaults to/tmp/ . Used with--init.url . |--node.batch-poster.post-4844-blobs | Boolean. Default:false . Used to enable or disable the posting of transaction data using Blobs to L1 Ethereum. If using calldata is more expensive and if the parent chain supports EIP4844 blobs, the batch poster will use blobs when this flag is set totrue . Can betrue orfalse . |

|--node.batch-poster.ignore-blob-price | Boolean. Default:false . If the parent chain supports EIP4844 blobs andignore-blob-price is set totrue , the batch poster will use EIP4844 blobs even if using calldata is cheaper. Can betrue orfalse . | [Edit this page](#) Last updatedonMar 7, 2024