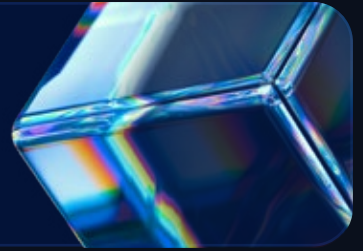


BlockDAG

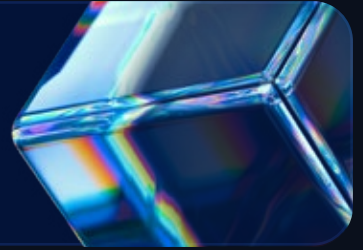
Hardware Requirements



- **CPU:** Minimum 4 cores (4+ cores recommended for mining).
- **Memory (RAM):** At least 8GB (8GB+ recommended).
- **Disk Space:** Minimum 20GB of free disk space. More storage is recommended depending on the size of the blockchain and logs.
- **Network:** A stable internet connection with sufficient bandwidth.

Setup Process

Running a BlockDAG Node



Prerequisites:

- Docker should be installed in the system, if not follow the steps in the official Docker documentation to install. Below are the steps to run a full node.

Step 1: Download the Docker Image

Use the following command to pull the latest BlockDAG image:

```
docker pull blockdagnetwork/bdag:latest
```

Step 2: Run the Docker Image

Full Node

To run a full BlockDAG node in a testnet environment with mining enabled, use the following command:

```
docker run -d \
-p 38131:38131 \
-p 38130:38130 \
-p 8130:8130 \
-p 18545:18545 \
--name bdag \ blockdagnetwork/bdag:latest \ ./bdag \
--testnet \ --rpclisten=0.0.0.0:38131 \ --notls \
--rpcuser=test \
--rpcpass=test \
--miner \ --miningaddr=$minning_address \ --generate \
--walletpass=test \
--evmenv="--http --http.port=18545 --http.addr=0.0.0.0 --http.api=net,web3,eth,bdag --ws--ws.port=18546" \
--miningstatesync
```

- Ensure you have a valid mining address by replacing \$minning_address with your actual BlockDAG mining address.