

# Calibration

The calibration network is the most realistic testnet simulation of the Filecoin mainnet.

Also see [Calibration RPCs](#) and [Calibration Explorers](#) . Prospective storage providers can experience more realistic sealing performance and hardware requirements using final proofs constructions and parameters. Storage clients can store and retrieve data on the network. Clients can also participate in deal-making workflows and storage and retrieval functionality. The sector size on the Calibration testnet is the same as on the Filecoin mainnet; 32 GiB and 64 GiB sectors are supported. This testnet also includes the Filecoin EVM-runtime features found on the Filecoin mainnet.

Developers can reference pre-existing deals that are already available on the network. See the [#fil-net-calibration-discuss channel in the Filecoin Slack](#) for support.

Maintainer : [Protocol Labs](#)

## Genesis

- CAR File:QmbHZuVjgtxvgtcE5H3FpE1ywEyawYmZcbx4Eh47WZ7YF8
- Reset Timestamp:1667326380
- (2022-11-01T18:13:00Z
- )
- Genesis Block CID:bafy2bzacecyaggy24wol5ruvs6qm73gjbs2l2iyhcqmvi7r7a4ph7zx3yqd4
- SHA-1 Digest:f9004d1266e0b023a018eb2fe6bb403cb8204df4
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## Network parameters

- Supported Sector Sizes:32 GiB
- and64 GiB
- Consensus Miner Min Power:32 GiB
- Epoch Duration Seconds:30
- Expected Leaders per Epoch:5
- WindowPoSt Proving Period:2880
- WindowPoSt Challenge Window:60
- WindowPoSt Period Deadlines:48
- Pre-Commit Challenge Delay:150
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## Bootstrap peers

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Copy /dns4/bootstrap-

0.calibration.fildev.network/tcp/1347/p2p/12D3KooWCi2w8U4DDB9xqrej5KYHaQv2iA2AJJ6uzG3iQxNLBMy  
/dns4/bootstrap-

1.calibration.fildev.network/tcp/1347/p2p/12D3KooWDTayrBojBn9jWNNUIh4nNQQBGJD7Zo3gQCKgBkUsS6dp  
/dns4/bootstrap-

2.calibration.fildev.network/tcp/1347/p2p/12D3KooWNRxTHUn8bf7jz1KEUPMc2dMgGfa4f8ZJTsquVSn3vHCG  
/dns4/bootstrap-

3.calibration.fildev.network/tcp/1347/p2p/12D3KooWFWUqE9jgXvcKHWieYs9nhyp6NF4ftwLGAHm4sCv73jjK

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## Snapshots

- [Latest minimal snapshot](#)
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## Active storage providers

The following storage providers are running on the Calibration testnet.

### [PiKNiK](#)

- t017840
- : Every deal accepted by this SP will be aggregated into 32 GiB sectors, which is the minimum size for calibration network. This miner has a preset sealing capacity of 2x 32 GiB sectors per day, defined as sectors in waitdeals will be flushed every 12 hours. [More information](#)
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## Resources

- [Calibration Faucet - Chainsafe](#)
- [Calibration Faucet - Zondax](#)
- [DataCap allocation](#)
- [Slack Channel for Updates: #fil-network-announcements](#)
- [Slack Channel for Questions: #fil-help](#)
- [Latest lightweight snapshot](#)
- generated with [Forest](#)
- by [ChainSafe](#)
- [Complete calibration net archival data](#)
- generated with [Forest](#)
- by [ChainSafe](#)
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[Previous Network performance](#) [Next Explorers](#)

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