

## Join Pchain main network

### 1. Download Files

[https://github.com/pchain-org/pchain/releases/download/pre-release/pchain\\_init\\_dirs.zip](https://github.com/pchain-org/pchain/releases/download/pre-release/pchain_init_dirs.zip)

### 2. Install Command Line

([https://github.com/pchain-org/pchain/wiki/Install\\_](https://github.com/pchain-org/pchain/wiki/Install_)):

### 3. Check network

```
tail -f log/pchain.log
```

```
pchain@pchain-01:~/pchain$ tail -f log/pchain.log
INFO [01-22 14:09:15.657] Tendermint (backend) Finalize, receipts are: []
DEBUG [01-22 14:09:15.657] ReadyForLaunchChildChain - start
DEBUG [01-22 14:09:15.657] ReadyForLaunchChildChain - No child chain to be launch in Block 9196
DEBUG [01-22 14:09:15.657] ReadyForLaunchChildChain - end
DEBUG [01-22 14:09:15.657] Reinjecting stale transactions count=0
ERROR [01-22 14:09:15.657] Section processing failed type=bloombits error="chain reorged during section processing"
DEBUG [01-22 14:09:15.657] Chain index processing failed type=bloombits section=0 err="chain reorged during section processing"
DEBUG [01-22 14:09:15.854] Receive src="Peer d9d6c3732eaffd46 [pchain/64]" chId=32 bytes="[1 0 0 0 0 0 0 35 236
DEBUG [01-22 14:09:15.858] Receive src="Peer d9d6c3732eaffd46 [pchain/64]" chId=32 bytes="[1 0 0 0 0 0 0 35 236
DEBUG [01-22 14:09:15.859] Receive src="Peer d9d6c3732eaffd46 [pchain/64]" chId=32 bytes="[1 0 0 0 0 0 0 35 236
DEBUG [01-22 14:09:16.052] Receive src="Peer d9d6c3732eaffd46 [pchain/64]" chId=33 bytes="[24 1 1 6 112 99 104 9
24 15 253 18 172 59 98 142 239 195 75 234 162 192 155 118 0 0 0 0 0 0 0 1 1 20 144 132 94 213 161 53 235 54 96 224 132 120 199 225 123 221 216
239 195 75 234 162 192 155 118 0 0 0 0 0 0 1 1 20 144 132 94 213 161 53 235 54 96 224 132 120 199 225 123 221 216 212 92 5 1 0 0 0 0 0 0 4 1
3 41 108 12 73 31 1 4 4 225 79 107 67 60 189 228 39 110 145 188 231 220 115 97 234 255 223 232 91 207 208 55 64 255 179 54 163 190 83 109 175 11
42 42 89 0]"
DEBUG [01-22 14:09:16.052] Receive src="Peer d9d6c3732eaffd46 [pchain/64]" chId=32 bytes="[1 0 0 0 0 0 0 35 236
DEBUG [01-22 14:09:16.053] Receive src="Peer d9d6c3732eaffd46 [pchain/64]" chId=32 bytes="[1 0 0 0 0 0 0 35 236
DEBUG [01-22 14:09:16.053] Receive src="Peer d9d6c3732eaffd46 [pchain/64]" chId=33 bytes="[24 1 1 6 112 99 104 9
24 15 253 18 172 59 98 142 239 195 75 234 162 192 155 118 0 0 0 0 0 0 0 1 1 20 144 132 94 213 161 53 235 54 96 224 132 120 199 225 123 221 216
239 195 75 234 162 192 155 118 0 0 0 0 0 0 1 1 20 144 132 94 213 161 53 235 54 96 224 132 120 199 225 123 221 216 212 92 5 1 0 0 0 0 0 0 4 1
157 199 102 110 205 31 20 32 73 202 59 105 114 129 128 118 231 145 131 62 121 92 143 165 17 192 220 116 102 231 59 13 90 114 115 133 212 221 23
1 151 207 54 125 0]"
```

Get the current block number:

```
curl -X POST -H "Content-Type:application/json" --data
'{"jsonrpc":"2.0","method":"eth_blockNumber","params":[],"id":1}' localhost:6969/pchain
```

```
pchain@pchain-01:~/pchain$ curl -X POST -H "Content-Type:application/json" --data '{"jsonrpc":"2.0","method":"eth_blockNumber","params":[],"id":1}' localhost:6969/pchain
{"jsonrpc":"2.0","id":1,"result":"0xdcfc9"}
```

## Result

```
blockNumber:{"jsonrpc":"2.0","id":1,"result":"0xdcfc9"}
```

Get block number 0xdcfc9 details:

```
curl -X POST -H "Content-Type:application/json" --data
'{"jsonrpc":"2.0","method":"eth_getBlockByNumber","params":
["0xdcfc9",true],"id":1}' localhost:6969/pchain
```

[illegible]

Check main network block number 0xdcfc9 details:

(Pchain Testnet Ip:34.221.29.3)

```
curl -X POST -H "Content-Type:application/json" --data
'{"jsonrpc":"2.0","method":"eth_getBlockByNumber","params":
["0xdcfc9",true],"id":1}' 34.221.29.3:6969/pchain
```

[illegible]

Successful connection to primary network with the same hash value,

```
"hash": "0x723020e29263f7cda758b2c54a6a6b285eb43aaea7a899dc48984a78f1860ff8"
```

#### 4. Checking account balance

##### 1) Check account

```
curl -X POST -H "Content-Type:application/json" --data ' {"jsonrpc": "2.0", "method": "eth_accounts", "params": [], "id": 1}' localhost:6969/pchain
```

```
pchain@pchain-01:~/pchain$ curl -X POST -H "Content-Type:application/json" --data '{"jsonrpc": "2.0", "method": "eth_accounts", "params": [], "id": 1}' localhost:6969/pchain
{"jsonrpc": "2.0", "id": 1, "result": ["0x5defded18fe902f3f005a81d25955522416c6470"]}
pchain@pchain-01:~/pchain$
```

```
curl -X POST -H "Content-Type:application/json" --data ' {"jsonrpc": "2.0", "method": "eth_getBalance", "params": ["0x5defded18fe902f3f005a81d25955522416c6470", "latest"], "id": 1}' localhost:6969/pchain
```

```
pchain@pchain-01:~/pchain$ curl -X POST -H "Content-Type:application/json" --data '{"jsonrpc": "2.0", "method": "eth_getBalance", "params": ["0x5defded18fe902f3f005a81d25955522416c6470", "latest"], "id": 1}' localhost:6969/pchain
{"jsonrpc": "2.0", "id": 1, "result": "0x0"}
pchain@pchain-01:~/pchain$
```

hash, string – the transaction hash