title: System Requirements

This guide assumes a pre-installed and hardened Ubuntu installation [as well as Docker](). Excellent introductory resources to start with are: [Coincashew](), and [Rocketpool's Securing your Node]()

Requirements for different systems

Execution + Beacon Requirements

- **Software**: Execution client, beacon node client (instructions for clients below),[curl]()
- **OS**: 64-bit Linux, Mac OS X 10.14+, Windows 10+ 64-bit
- **CPU**: 4+ cores @ 2.8+ GHz
- **Memory**: 16GB+ RAM
- **Storage**: SSD with at least 2TB free space
- **Network:** 8 MBit/sec broadband

:::tip There are variations in client resource usage. Please review[CoinCashew's Client Usage Guide]() for more details! :::

Validator Requirements

- Everything above, plus...
- **Software:** Validator client, browser-based crypto wallet (instructions below)
- **Hardware** (Recommended): A new machine that has never been connected to the internet that you can use to securely generate your mnemonic phrase and keypair
- **32 ETH** (Mainnet)
- **32 testnet ETH** (Testnets)

MEV-Boost Requirements

- Can run on any beacon-node system, and requires almost no resources.

Consensus client configuration guides

| | MEV-Boost Client Guides | | ---------- | --- | | Teku | [Guide]() | | Prysm | [Guide]() | | Lighthouse | [Guide]() | | Lodestar | [Guide]() | | Nimbus | [Guide]() |