

How and where to run DVs

Launchers and Deployment Tooling

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Quickstart Guides

- Run a DV alone
- Run a DV as a group
- Run a DV using the SDK

CL+VC Combinations:

Legend

- ✓: All duties succeed in testing
- : All duties succeed in testing, except non-penalised aggregation duties
- : Duties may fail for this combination
- : One or more duties fails consistently

Consensus	Validator	Testnet	Node	Remarks
v24.8.0	✓✓	✓✓	1 Lodestar v24.8.0 Nimbus v24.7.0 Prysm v5.0.3 Teku v24.8.0	PR Teku needs the --validators-graffiti-client-append-format=DISABLED flag in order to produce blocks properly. Tekuvcs are only failing aggregation duties 50% of the time, which are not directly penalised but impact network density at high scale. Lighthouse v5.3.0
✓✓	✓✓	✓✓	✓✓✓	Lighthousevc are only failing aggregation duties, which are not directly penalised but impact network density at high scale. Nimbus v24.7.0
beacon nodes requires that you add the following flag to charon run : charon run --feature-set-enable=json_requests	✓✓✓	✓✓✓	✓✓✓	Prysmvalidator needs a particular pull request merged and released for aggregation duties to succeed. Lodestar v1.20.2

Note:

- Blinded beacon block proposals are only supported from [cluster lock](#)
- version v1.7 and [charon release](#)
- v0.17.0 onwards.
- Prysm VC support is added from prysm version v5.0.0 onwards.

Footnotes

1. sync committee and aggregator duties are not yet supported in a DV setup by Lighthouse, all other duties work as expected. [← Edit this page](#) [Previous](#) [Key concepts](#) [Next](#) [Quickstart](#) [Overview](#)