

Single-Slot Finality (Lightweight AVS): It is possible to imagine single-slot finality, where nodes sign off on the finality of a block via an opt-in mechanism on EigenLayer [18]. The core idea would be that nodes who have restaked can now attest that they will not build on a chain that does not include the testified block, thus creating a potential finality pathway. Designing this so that it is truly opt-in and does not break the consensus protocol is an important direction of research.

From the whitepaper, it expressed that single slot finality can be built based on Eigenlayer. But here anyone explain what is the Single-Slot Finality in simple word? Thanks