Decentralized Sequencer Set

AltLayer has a dedicated network called the Beacon Layer that serves as the global sequencer set. When AltLayer provisions a rollup, nodes from the Beacon layer are selected based on their stake.

A user submits a request for a rollup via our dashboard or the SDK and specifies the requirements such as the type of VM, number of sequencers and the minimum stake and the allowed token list.

The sequencer layer then assigns the nodes for rollup and once all the sequencers are assigned, the rollup becomes operational.

A common decentralized sequencer set could also be used to ensure cross-chain atomic messaging.[AltLayer's In-House Rollup Stack in Depth -Previous How does AltLayer's in-house rollup stack work?](#) [Next- AltLayer's In-House Rollup Stack in Depth Security via Fraud Proof](#) Last modified1yr ago