

## The new namespace and QuarkDB

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EOS has outgrown the limits of its legacy in-memory namespace implementation, presenting the need for a more scalable solution. In response to this need we developed QuarkDB, a highly-available datastore capable of serving as the metadata backend for EOS.

We will present the overall system design, and several important aspects associated with it, such as our efforts in providing comparable performance to the in-memory namespace through extensive caching and latency-hiding techniques.

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