

Report & Proposal: SubQuery Managed Service Solution (Q4, 2023)

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Date: 4th January 2024

Requested KINT: 1,084.8638 KINT

Short description: Ongoing costs for Quarter 4 (October, November, December) of 2023, for the running of a high performance and reliable data indexing managed service for Interlay.

Original Motivation

Almost every blockchain has a need to process and query data, however everyone knows that a core weakness of blockchain data is that the processing and query performance is extremely inefficient. SubQuery is an open source platform that solves that.

Additionally, managing infrastructure can also be extremely challenging and many teams don't have the expertise or resource that is needed to deploy indexers to cloud providers and then run them at high availability so that they can be relied on for production use cases. SubQuery provides a hosted service with 99.9% reliability to remove this burden from teams, so they can stay focused on building their dApps.

Service Details

Interlay is currently leveraging SubQuery's enterprise-level managed service to provide reliable hosting for their SubQuery projects. This critical service provides production data to applications built by the Interlay team and the 99.9% uptime reliability ensures a seamless experience for the core team and their ecosystem.

Over the period of 2023-10-01 to 2023-12-31, SubQuery supported Interlay's 2 SubQuery projects running in a shared database for a total of 4,416 compute hours. Each project deployment requires an indexing service, a compute service, and database access run in a production environment and monitored constantly to ensure availability.

Costings

This proposal includes combined running costs for our infrastructure for Interlay from 1st October 2023 until 31st December 2023. The total combined running cost is USD \$944.20.

Description	Price (USD)	Billable Units	Cost
Compute Unit Costs	US\$0.21 / Compute Unit / Hr	4,416.00	US\$927.36
		Subtotal	\$927.36
		USD Total	\$927.36
		KINT Conversion Rate	US\$0.854817
		Total Due	KINT 1,084.8638

The KINT conversion rate was retrieved from CoinMarketCap using the 30 day time weighted average price ending on 2023-12-31.

About SubQuery

SubQuery is a leading blockchain data indexer that provides developers with fast, flexible, universal, and decentralised APIs for web3 projects. We empower developers from over 100+ ecosystems including Ethereum, Polygon, Polkadot, Cosmos, Algorand, NEAR, and Avalanche with rich indexed data to allow them to build intuitive and immersive decentralised applications. This blockchain developer toolkit enables developers to focus on their core use case and front-end without wasting time building a custom backend for data processing activities. In the near future, the SubQuery Network will replicate this scalable and reliable solution in a completely decentralised manner.

SubQuery is an open-sourced data indexing solution, we continue to reaffirm our dedication to providing free hosted services support for up to two SubQuery projects. You can learn how to create and build your own SubQuery project using our [detailed documentation](#).

Our mission remains to support all blockchain developers in the world by providing core infrastructure so they can focus on building the next dApp.