

Master thesis project: HTTP3 in cluster networking

1. Disabling

23.

- Involvement in the Kubernetes open source community;
- Selection and discussion around a HTTP3 stack;
- Identify API endpoints in Kubernetes and how to replace the stack for communication of both control and dataplane operations;

A significant part of the project will involve testing and validation of the implementation as well as performance testing and comparison with a HTTP2 based cluster as baseline.

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¹ <https://github.com/kubernetes/kubernetes/issues/106864>

² <https://blog.apnic.net/2022/07/14/look-at-quic-use/>

³ [https://blog.apnic.net/2022/09/2https://blog.apnic.net/2022.a\(n\)5 \(ic\)-2.8 \(.\)-4 \(n\)5 \(e\)-14.8 \(t/2\)-7.1 \(0\)-7 \(2\)-1.635 \(.\)-4](https://blog.apnic.net/2022/09/2https://blog.apnic.net/2022.a(n)5 (ic)-2.8 (.)-4 (n)5 (e)-14.8 (t/2)-7.1 (0)-7 (2)-1.635 (.)-4)