

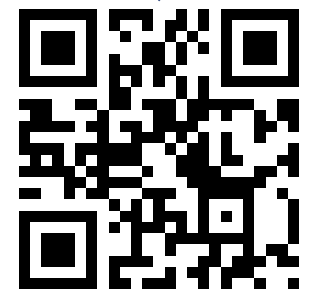
KIRA – Scalable Zero-Touch Routing

KIRA: Kademlia-directed ID-based Routing Architecture

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- **Scalability:** 100,000s of nodes (in a single domain)
- **Zero-touch:** no configuration required
- **Goal:** provide highly resilient **autonomous control plane connectivity**
 - **Running code** provides zero-touch IPv6 connectivity
- **First Internet-Draft:** <https://datatracker.ietf.org/doc/draft-bless-rtgwg-kira/>
 - Want to standardize it
 - Many practical options → need broader IETF expertise
- **Scheduled presentations @IETF118**
 - **RTGWG** Tuesday Session I (Nov 7th), 09.30h
 - **NMRG** Friday (Nov 10th), 13.00h–15.00h
- **Side meeting/BarBOF Wednesday** Nov 8th, 19.00–20.00h, Karlin 4
 - KIRA use cases, Q&A, collaboration, next steps towards standardization

More Info



<https://s.kit.edu/KIRA>