

IETF Hackathon

IETF 117

22-23 July 2023

San Francisco

Hackathon Plan

FRR doctors w/

- BGP Extensions for the Mobile User Plane (MUP) SAFI

What needed to get done

In IETF116 Hackathon, BGP-MUP SAFI introp was successful in many implementations

<https://datatracker.ietf.org/doc/draft-mpmz-bess-mup-safi/>

- Arrcus
- Cisco
- ExaBGP
- FRR *incomplete*
- Furukawa
- GoBGP

What got done

This branch is 5 commits ahead, 2054 commits behind FRRouting:master.

- brought this up-to-date, much closer to the goal of merging to master!

Implementation was completely broken, bgpd process dies upon receiving certain types of route

- one of four types of routes in the draft is now implemented!

Wrap up

MUP implementation work:

- Leo Fujita
- Takumi Ishihara

FRR doctors:

- David 'equinox' Lamparter
- Rodney Grimes