



# IETF Hackathon: <TLS 1.3/SSH/SCE/DSCP- LE PHB/IETF Mobile App>

- IETF 105
- 20-21 July 2019
- Montreal



# Hackathon Plan

- TLS 1.3: RFC8446
- DSCP LE PHB: RFC8622
- IETF Mobile App
- SCE: draft-morton-tsvwg-sce-00
- Deprecate RC4 in SSH (draft-ietf-curdle-rc4-die-die-die-12)

# What got done

- TLS 1.3 in Mattermost/check-smtp(wip)/minio(wip)/PHP7.4
- TLS-Sharp got refactored (wip)
  - DSCP LE PHB in netperf, OpenSSH, nftables
  - SCE for fq\_codel in FreeBSD
  - IETF Mobile App
  - Deprecate arcfour in SSH.NET

# What we learned

- For new DSCP codepoints, open source projects prefer to wait.
  - SCE is worth further work.
  - RC4 in SSH is fading.

# Wrap Up

## Team members:

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## Sce:

[https://github.com/cyberstormdotmu/sce\\_bsd](https://github.com/cyberstormdotmu/sce_bsd)

## Ietf mobile app:

<https://github.com/theArtechnology/ietf-app>

<https://github.com/muzaffar1331/tls-sharp>