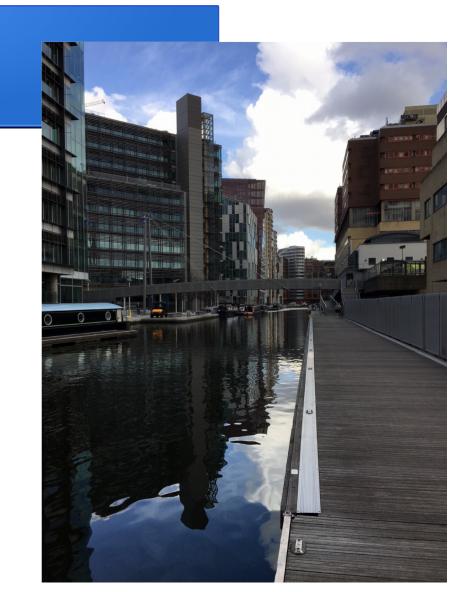# IETF 101 Hackathon

TLS 1.3

- IETF 101
- 17-18 March, 2018
- London

Goals

- Applications integration
- Draft 23
- OpenSSL preview release 2
- Work with upstream projects

Applications

- Wget : merged a few days before the IETF 101 hackathon
- Monit : patch upstreamed since ietf 100 hackathon
- Nagios-plugins: check_http (PR#367 - positive response: milestone 2.2.2)
- Httperf :merged PR #53
- Git : PR #472
- Stunnel (Patch sent to stunnel-users mailing list)
- Nagios plugin check-cert: PR #74 merged on the 1st day of the ietf 101 hackthon
- Aria2c: PR# 1167
- Eclipse paho C library : PR #428
- Hitch: Patch WiP – [unit tests missing]
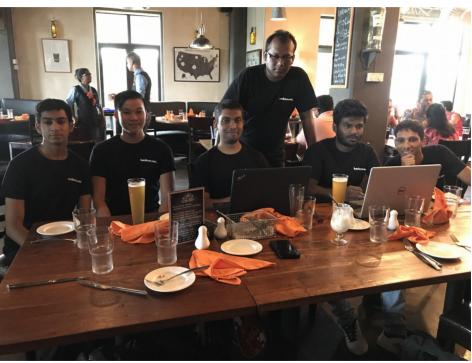
What we learned

- Work with upstream projects, else your patch becomes stale.

- Backward compatibility with older OpenSSL release

- Testing with multiple TLS 1.3 server implementations is good. (Wrongly constructed ClientHello, thanks to wireshark)

- Announcement earlier to get more people

Team

- Pirabarlen Cheenaramen - eldergodselven
- Nitin J Mutkawoa - TheTunnelix
- Codarren Velvindron - devildron
- Muzaffar Auhammud - muzaffar1331
- Yasir Auleear - yasirmx
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IETF 101 Hackathon in Mauritius

IETF 101 Hackathon in Mauritius

Thank you

- TLS 1.3 development team (Nick Sullivan and others)
- Charles Eckel & Barry Leiba
- Meetecho team
- Open Source developers who took time to review and submit comments so that we can improve our patches
- CISCO for sponsoring the hackathon.