



arm

# Mbed TLS Tech Forum

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# Agenda

- Introduction & house-keeping
- TLS 1.3 plans & progress
- Driver interface code-gen (discuss #5067)

# Introduction & House-keeping

- Planned times & cadence
  - Every two weeks
  - Alternate US and Asia friendly times (10am and 4:30pm UK time)
    - i.e. 10am meeting every four weeks, and 4:30 meeting every four weeks, two weeks apart
  - Calendar available on [trustedfirmware.org](https://trustedfirmware.org)
- Content
  - Agenda & call for topics to be published during the preceding week
    - Email to mbedtls-list and mbedtls-announce
    - Please raise any topics you would like to discuss
  - Typical content
    - Engineering-driven technical discussion
    - Share Mbed TLS plans & time-lines
    - Understand community asks & priorities
  - All welcome to attend
- Afterwards
  - Slides & recording available via [trustedfirmware.org](https://trustedfirmware.org)

Use PSA Cryptography API

TLS 1.2 also  
PSA driver interface

Message Processing Stack

Handshake messages  
(de)fragmentation

TLS 1.3 server

Negative testing

TLS 1.3 MVP

TLS 1.3 client  
Ephemeral key establishment  
Server Authentication

PQC key agreement

Pre-Shared Keys

PSK + Ephemeral  
0-RTT

Using TLS to Secure QUIC



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Thank You

Danke

Merci

谢谢

ありがとう

Gracias

Kiitos

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