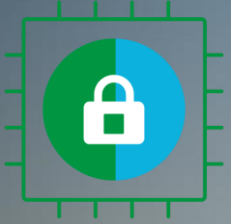


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Mbed TLS Update

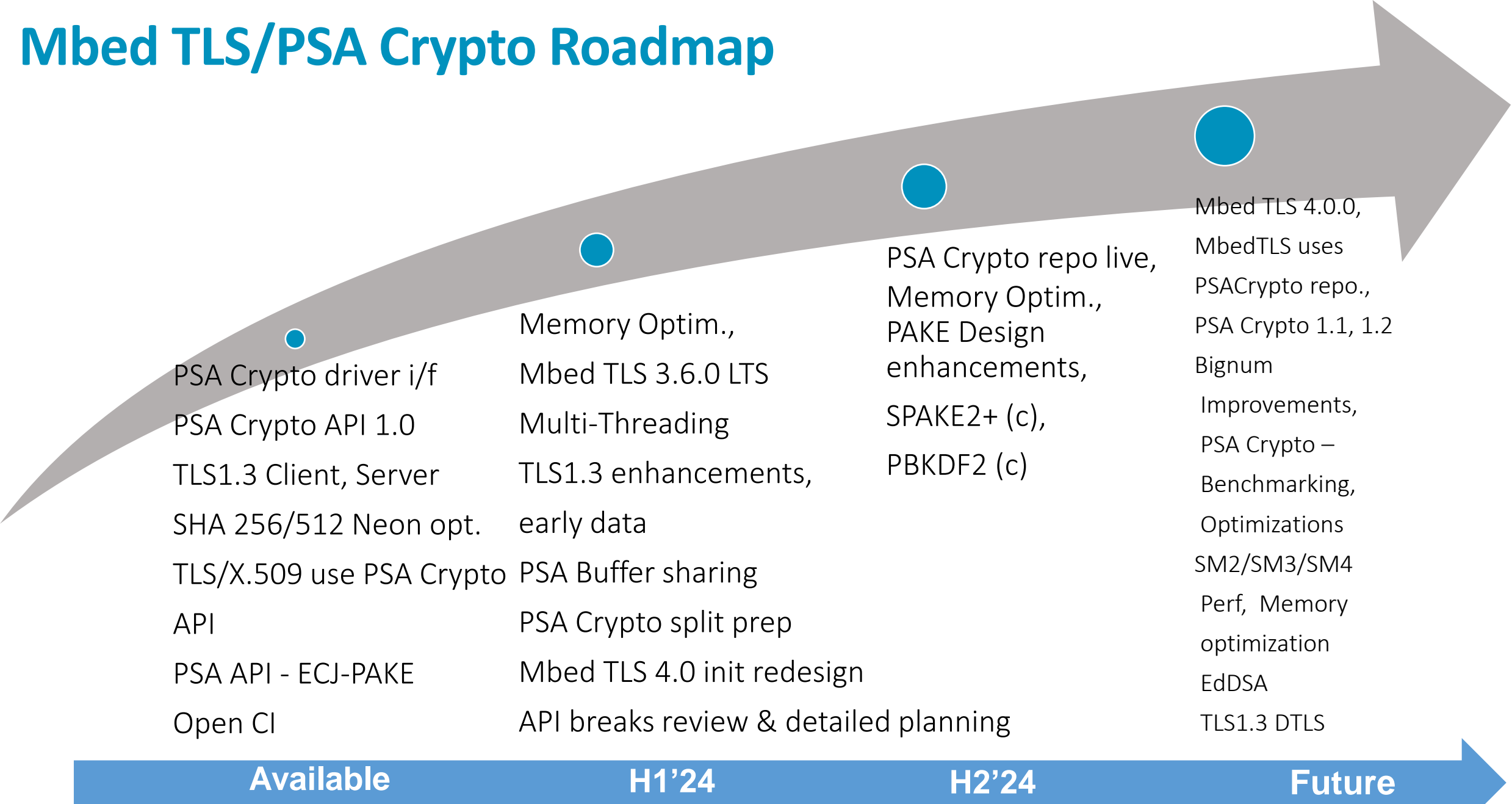
Mar'24

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Mbed TLS, PSA Crypto Update

- + Mbed TLS 3.6 LTS release imminent
 - + PSA Crypto thread safety. Further testing and enhancements due in future
 - + Building library without software implementations of AEAD or cipher when PSA drivers present
 - + Armv8-A Cryptographic Extensions for AES, SHA-256 for Thumb (T32) or 32-bit Arm (A32)
 - + TLS1.3 early data and other enhancements
 - + TLS 1.3 protocol enabled in the default configuration
- + Mbed TLS will create LTS every 18months and maintain for 3 years
 - + Aligning with TF-M LTS release. TF-M LTS will include Mbed LTS
- + Mbed TLS 4.0 release will be the next big focus
 - + Release schedule pending detailed planning
 - + Making PSA Crypto the main Crypto API. Deprecating/Internalizing legacy cipher APIs
 - + TLS/X.509 always uses PSA Crypto APIs
 - + Mbed TLS repository consumes the PSA Crypto APIs
 - + PSA Crypto init subsystem
 - + PSA Crypto driver interface enhancements, ALT interface deprecation (?)

Mbed TLS/PSA Crypto Roadmap



Thank You!

Danke!

Merci!

谢谢!

ありがとう!

Gracias!

Kiitos!

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