

[Apple CryptoKit](#) / MLKEM1024

Enumeration

MLKEM1024

The Module-Lattice key encapsulation mechanism (KEM).

iOS 26.0+ | iPadOS 26.0+ | Mac Catalyst 26.0+ | macOS 26.0+ | tvOS 26.0+ | visionOS 26.0+ | watchOS 26.0+

```
enum MLKEM1024
```

Topics

Keys

```
struct PrivateKey
```

A private key you use to decapsulate shared secrets with the Module-Lattice key encapsulation mechanism.

```
struct PublicKey
```

A public key you use to encapsulate shared secrets with the Module-Lattice key encapsulation mechanism.

Relationships

Conforms To

Sendable, SendableMetatype

See Also

Key encapsulation mechanisms (KEM)

enum KEM

A key encapsulation mechanism.

enum MLKEM768

The Module-Lattice key encapsulation mechanism (KEM).

enum XWingMLKEM768X25519

The X-Wing (ML-KEM768 with X25519) Key Encapsulation Mechanism, defined in <https://datatracker.ietf.org/doc/html/draft-connolly-cfrg-xwing-kem-06>