

[Apple CryptoKit](#) / HPKEKEMPrivateKey

Protocol

# HPKEKEMPrivateKey

A type that represents the private key in HPKE.

iOS 26.0+ | iPadOS 26.0+ | Mac Catalyst 26.0+ | macOS 26.0+ | tvOS 26.0+ | visionOS 1.0+ | watchOS 26.0+

```
@preconcurrency
protocol HPKEKEMPrivateKey : KEMPrivateKey where Self.PublicKey : HPKEKEMPublic
    Key
```

## Relationships

### Inherits From

KEMPrivateKey, Sendable, SendableMetatype

### Inherited By

HPKEKEMPrivateKeyGeneration

### Conforming Types

XWingMLKEM768X25519.PrivateKey