

[Apple CryptoKit / HPKEDiffieHellmanPublicKey](#)

Protocol

HPKEDiffieHellmanPublicKey

A type that represents the public key in a Diffie-Hellman key exchange.

iOS 17.0+ | iPadOS 17.0+ | Mac Catalyst 17.0+ | macOS 14.0+ | tvOS 17.0+ | visionOS 1.0+ | watchOS 10.0+

```
@preconcurrency
protocol HPKEDiffieHellmanPublicKey : HPKEPublicKeySerialization
```

Topics

Associated Types

associatedtype EphemeralPrivateKey : HPKEDiffieHellmanPrivateKey
Generation

The type of the ephemeral private key.

Required

Relationships

Inherits From

HPKEPublicKeySerialization, Sendable, SendableMetatype

Conforming Types

Curve25519.KeyAgreement.PublicKey

P256.KeyAgreement.PublicKey

P384.KeyAgreement.PublicKey

P521.KeyAgreement.PublicKey