

[Apple Pay Merchant Tok...](#) / GetMerchantTokenUsageInformationPackageResponse

Object

GetMerchantTokenUsageInformationPackageResponse

The encrypted merchant token usage information package.

Apple Pay Merchant Token Management API 1.0.12+

object GetMerchantTokenUsageInformationPackageResponse

Properties

ciphersuite string	(Required) The cipher suite used for HPKE in authorization mode. Use the value sent as supportedCiphersuite in the Retrieve MerchantToken PublicKey API response. Maximum length: 64
data string	(Required) The encrypted merchant token usage information package. Maximum length: 4000
ephemeralPublicKey string	(Required) The ephemeral public key in X9.63 representation, Base64-encoded. Maximum length: 256
infoHash string	(Required) A SHA-256 digest of the info, hex-encoded. Maximum length: 256
merchantPublicKeyHash string	(Required) An SHA-256 digest of the merchantPublicKey, hex-encoded. Maximum length: 256

merchantTokenPublicKeyHash
string

(Required) An SHA-256 digest of the merchantTokenPublicKey, hex-encoded.
Maximum length: 256

Mentioned in

 Adding merchant token usage information

Discussion

The data needs to be a merchant token usage information package encrypted to the merchantTokenPublicKey using HPKE in authorization mode with merchantPrivateKey and the following options:

Option	Value
KEM	DHKEM(P-384, HKDF-SHA384)
KDF	HKDF-SHA384
AEAD	AES-256-GCM

The merchantPrivateKey needs to correspond to the merchantPublicKey provided in the merchant token usage information availability notification. The info parameter needs to be the UTF-8 bytes of ApplePayMerchantTokenUsageInformation_1.0 concatenated with the SHA-256 digest (in bytes) of the merchantTokenIdentifier (encoded using UTF-8). For the ciphersuite, use the supportedCiphersuite returned by Apple in the [Retrieve Merchant Token Public Key](#).

See Also

Merchant token usage information

Retrieve Merchant Token Public Key
Get the merchant token public key.

MerchantToken Usage Data Availability Notification
Notify Apple servers that the user’s devices can retrieve merchant token usage information.

object MerchantTokenUsageDataAvailabilityNotificationRequest

The data for the merchant token usage data availability notification request.

Get MerchantToken Usage Information Package

Retrieve the merchant token usage information package from the merchant server.

object AutomaticReloadPaymentDetails

Details about an automatic reload payment.

object CurrencyAmount

An amount of money.

object DeferredPaymentDetails

Details about a deferred payment, such as a hotel booking or a preorder.

object PastPayment

A past payment.

object RecurringPaymentDetails

Details about a recurring payment, typically a subscription.

object UpcomingPayment

An upcoming payment.

object UsageInformation

Information about the usage of a merchant token, such as past and upcoming payments.