

**iPay88 API 2.0**  
**Requery Transaction**  
**Technical Documentation**





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## Summary of Changes

Change Date	Author's Name	Version No.	Description
03/11/2022	Veronica Larasati	1.0.0	Initial Release iPay88 API 2.0 Requery Transaction Technical Documentation



## 1. URL

1	Sandbox	https://sandbox.ipay88.co.id/ePayment/WebService/PaymentAPI/Transaction/Requery
2	Production	https://payment.ipay88.co.id/ePayment/WebService/PaymentAPI/Transaction/Requery

## 2. Signature

This signature must be included in the request of every transaction then encrypted using SHA256. This hash signature for a request is a hash of the following seven fields:

1. MerchantKey
2. MerchantCode
3. RefNo
4. Amount
5. Currency

The fields must set in the following order:

**|| MerchantKey || MerchantCode || RefNo || Amount || Currency ||**

### **Example:**

MerchantKey = "apple"

MerchantCode = "ID00001"

RefNo = "A00000001"

Amount = "10000" (Note: 10000 represent amount as Rp 10.000,00)

Currency = "IDR"

The hash would be calculated on the following string:

**||apple||ID00001||A00000001||10000||IDR||**

The resulting has signature value equals to (using SHA256 algorithm):

**1a30eb16e9aef6b1f6f16fcd39b786adeeead349b78dcf5aebad49a248ddfa63**

To ensure the signature generated was correct, visit the link below for signature comparison.

<https://payment.ipay88.co.id/epayment/testing/TestSignaturev2.asp>



### 3. Request Parameter

Merchant sent via JSON as a request parameter to iPay88 Indonesia. Here is a parameter as a request.

No	Field Name	Type (Size)	Description
1.	RefNo	string(30)	Unique merchant transaction number / Order ID
2.	MerchantCode	string(20)	Merchant Code assigned by iPay88
3.	Amount	string	The amount must only contain the exact number without 2 digits after and without point/coma. <b>Example</b> 10.000 is expressed as 10000 100.000 is expressed as 1000000
4.	Signature	string(100)	SHA256 signature
5.	Currency	string(5)	IDR only

#### 3.1. Requery Request Sample

```
{  
  "RefNo": "1031202241537AM",  
  "MerchantCode": "ID00001",  
  "Amount": "10000",  
  "Signature": "622cbd6690e265cda0371140ee4f21fead6e0ed875f711da28cf08026a0a5617",  
  "Currency": "IDR"  
}
```

#### 4. Response Parameter

No.	Field Name	Type	Description
1.	Status	string	Data received status "200" – Success "404" – Merchant Not Found "401" – Transaction signature is not match "400" – Record not found / Cannot requery more than 100 times / Incorrect amount
2.	Message	string	Transaction message, see <a href="#">requery response message</a> .
3.	MerchantCode	string	Merchant code assigned by iPay88
4.	PaymentID	string	Payment method identifier
5.	Refno	string	Merchant Reference Number
6.	Amount	string	The amount must only contain the exact amount without 2 digits after and without point/coma. <b>Example</b> 10.000 is expressed as 10000 100.000 is expressed as 1000000
7.	Currency	string	Transaction Currency
8.	Remark	string	Additional Value
9.	TransId	string	iPay88 transaction ID
10.	AuthCode	string	Code from Bank
11.	TransactionStatus	string	Transaction Status "1" – Success "0" – Fail "3" – Payment in Progress "6" – Pending (Only available for Virtual Account)
12.	ErrDesc	string	Transaction Error Description from Principle/Bank
13.	Signature	string	Signature generated using SHA256
14.	PaymentDate	string	Transaction Date
15.	xfield1	string	To enable installment and discount payment.



#### 4.1. Requery Response Sample

```
{
  "Status": "200",
  "Message": "00",
  "Data": {
    "MerchantCode": "ID00001",
    "PaymentId": "103",
    "RefNo": "113202224101AM",
    "Amount": "10000",
    "Currency": "IDR",
    "Remark": "",
    "TransId": "T0061540600",
    "AuthCode": "879558",
    "TransactionStatus": "1",
    "ErrDesc": "",
    "Signature": "",
    "IssuerBank": "P.T. BANK CIMB NIAGA TBK.",
    "PaymentDate": "03-11-2022 09:43",
    "Xfields1": ""
  }
}
```

#### 4.2. Requery Response Message

Response iPay88 OPSG	Description
00	Successful payment
Payment fail	Payment is failed or not successful
Payment Pending	Payment is pending and customer need to pay and complete the payment on their mobile banking or ATM Machine
Payment In Progress	Payment is not paid yet or customer idle on iPay88 payment page or Bank page
Invalid parameters	Incorrect request parameter
Record not found	Transaction not found or not recorded in iPay88 system
Merchant not found	Incorrect merchant code
Transaction signature is not match	Incorrect request signature
Incorrect amount	Incorrect request amount