

# e-Buy

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- API

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□□□	<a href="https://test-rights-platform.e-buy.com">https://test-rights-platform.e-buy.com</a>
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□□□□	HTTP POST□□□□CONTENT-TYPE□application/json
□□□□	json
□□□□	utf-8
□□□□	sha256



```
StringBuilder buffer = new StringBuilder();
for (Map.Entry<String, String> item : map.entrySet()) {
buffer.append(item.getKey()).append("=").append(item.getValue()).append("&");
}

String signStr = buffer.toString() + "appSecret=XXXXXXXXXXXX";// appSecret(XXXX);
String checkSign = SHAUtil.sha256(signStr);
System.out.println(signStr);
System.out.println(checkSign);
```

XXXXXXXXaction=verify&appKey=274b9cf9f01543619baa726ed24ddd19&bizContent=eyJvcmlkck5vljc  
MDAwMTE3MjllwMjEwOTI3NDI3NTE2MzczMClslRyYW5zRGF0ZVRpbWUiOiIyMDIxMDkyODEwMjM1M  
ClslmVidXIDb2RlljoiMTAwMjEwODMwMDAwMDA1OTA5MSIsImZhY2VWYWx1ZSI6IjMwliwib3V0VHJhZ  
GVObyl6ljg5MzkyMTA5MjgwMTYzOTgxln0=&charset=utf-  
8&format=json&signType=sha256&timestamp=1483372334&appSecret=XXXXXXXXXXXX

XXXXXXXXbc151776f32a0eed26fd97696ece7e8102e5c1f8f594fbf8ddc392bd579693f1



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□□□	□□	□□	□□□□	□□
appKey	□□□□	String(32)	□	
sign	□□□	String(400)	□	
timestamp	□□□(□□)	Number(13)	□	
bizContent	□□□□□		□	

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□□□	□□	□□	□□□□	□□
returnCode	□□□	String(20)	□	00: □□ □□□□□□
returnMsg	□□□□	String(200)	□	
data	□□□□□□□□	Object	□	

□□□□API

API



参数	数据类型	是否必填	长度	说明
code	String	否	10	
orderNo	String	否	15	订单号
traceNo	String	否	15	追踪号

参数	数据类型	是否必填	长度	说明	
data	codeUrl	String	否	10	codeUrl
	code	String	否	10	code
	ebuyTicketId	String	否	15	ebuyTicketId
	faceValue	String	否	10	faceValue
	validStart	String	否	15	开始时间: yyyy-mm-dd hh:mm:ss
	validEnd	String	否	15	结束时间: yyyy-mm-dd hh:mm:ss
	codeStatus	String	否	10	00:成功 01:失败 08:未知 04:未知 05:未知 06:未知
	codeStatusDesc	String	否	10	codeStatusDesc
	activityName	String	否	10	activityName
	activityId	String	否	10	activityId
	activityProductNo	String	否	15	activityProductNo
	productName	String	否	10	productName
	ticketType	String	否	10	ticketType

API



	( )			
code	String			
traceNo	String			

		( )			
data	code	String			
	exchangeResult	String			00:
	exchangeDesc	String			

API



項目	データ型	長さ	制約	備考
code	String	1		16桁
traceNo	String	1	1桁	1桁
updateType	String	1	1桁	00:無効化; 01:凍結

updateType

updateType	データ型	長さ	制約	備考
invalid	String	1	00:無効化 03:凍結 04:凍結解除	05:凍結解除
freeze	String	1	00:凍結	04:凍結解除
unfreeze	String	1	04:凍結解除	00:凍結

項目	データ型	長さ	制約	制約	備考
data	code	String	1	1桁	
	codeUpdateResult	String	1	1桁	00:凍結解除 01:凍結

API



Field	Type	Required	Length	Example
code	String	Y	10	
traceNo	String	Y	10	
shopNo	String	Y	10	
shopName	String	Y	10	
tansTime	String	Y	10	yyMMddhhssSSS
goodsList	List<GoodsInfo>	Y	10	A0001
totalAmount	String	Y	10	
verifyScene	String	Y	10	online, offline

### GoodsInfo

Field	Type	Required	Length	Example
goodsId	String	Y	10	id
price	String	Y	10	
rebateCode	String	Y	10	
count	String	Y	10	1

Field	Type	Required	Length	Example	Other
data	List<VerifyResultData>	Y	10		

### VerifyResultData

Field	Type	Required	Length	Example
verifyResult	String	Y	10	00:00 0000

属性	数据类型	是否必填	长度限制	备注
activityNo	String	否	100	
activityName	String	否	100	
totalAmount	String	否	100	金额(元)
userRealAmount	String	否	1000000	金额(元)
merchantRealAmount	String	否	100000	金额(元)
discountAmount	String	否	10000	金额(元)
channelBenefit	String	否	100000	金额(元)
merchantBenefit	String	否	100000	金额(元)
faceValue	String	否	100	金额(元)
remainUseTimes	String	否	100000	
code	String	否	10	

API



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Field	Type	Required	Length	Format
code	String	Y		XXXXXXXXXXXXoriginTra
traceNo	String	Y	10	
originTraceNo	String	Y	10	
originVerifyDate	String	Y	8	yyyyMMdd

API

Field	Type	Required	Length	Format
data	List<VerifyVoidResultData>	Y		

VerifyVoidResultData

Field	Type	Required	Length	Format
resultDesc	String	Y	10	
result	String	Y	10	00: XXXX XXXX
code	String	Y		
ticketId	String	Y		XXXXid

API



項目	データ型	必須	制約	例
code	String	○		
traceNo	String	○	16桁	1234567890123456
saleChannelOrderId	String	○	16桁	1234567890123456
shopNo	String	○	4桁	1234
timeStamp	String	○	16桁(8桁)	1234567890123456
notifyType	String	○	16桁	1234567890123456
validStartDate	String	○	16桁	yyyy-MM-dd HH:mm:ss
validEndDate	String	○	16桁	yyyy-MM-dd HH:mm:ss

notifyType

notifyType	必須	制約	例
verifyNotify	○	16桁	1234567890123456
verifyCancelNotify	○	16桁	1234567890123456
invalidNotify	○	16桁	1234567890123456
renewalNotify	○	16桁	1234567890123456
expireNotify	○	16桁	1234567890123456

```
JSONObject notifyJson = new JSONObject(true);  
notifyJson.put("code", "10034343334344443209");  
notifyJson.put("traceNo", "4200001172202109274275163730");  
notifyJson.put("notifyType", "verifyNotify");  
byte[] encodeBase64 = Base64.encodeBase64(notifyJson.toJSONString().getBytes("UTF-8"));
```

```

String bizContent = new String(encodeBase64, "UTF-8");

Map<String, String> map = new TreeMap<>();

map.put("appKey", "274b9cf9f01543619baa726ed24ddd19");

map.put("action", "verifyNotify");

map.put("format", "json");

map.put("charset", "utf-8");

map.put("signType", "sha256");

map.put("timestamp", "1483372334");

map.put("bizContent", bizContent);

StringBuilder buffer = new StringBuilder();

for (Map.Entry<String, String> item : map.entrySet()) {

buffer.append(item.getKey()).append("=").append(item.getValue()).append("&");

}

String signStr = buffer.toString() + "appSecret=XXXXXXXXXXXXX";// appSecret(□□□□);

String checkSign = SHAUtil.sha256(signStr);

System.out.println(signStr);

System.out.println(checkSign);

}

```

□□□□□□□□

action=verifyNotify&appKey=274b9cf9f01543619baa726ed24ddd19&bizContent=eyJjb2RlIjojMTA  
wMzQzNDMzMzQzNDQ0NDMyMDkiLCJ0cmFjZU5vIjojNDIwMDAwMTE3MjIwMjEwOTI3NDI3NTE2Mzcz  
MCIsIm5vdGlmeVR5cGUiOiJ2ZXJpZnIOb3RpZnkifQ==&charset=utf-  
8&format=json&signType=sha256&timestamp=1483372334&appSecret=XXXXXXXXXXXXX

□□□□

17e9fe1250c33fccf517ce4b5810f2c731fa45058181a15cffc4ab38332460d4

□□□□

項目	データ型	制約	コメント	備考
resultDesc	String	必須		
result	String	必須		00: 必須 コメント

□□□□API

API



/payment/tradePay



API	名称	类型	长度	必填	说明
bizContent	traceNo	字符串	String(32)	否	交易流水号
	paymentChannelId	字符串ID	String(32)	否	支付渠道ID(必填)
	merOrderNo	字符串	String(32)	否	商户订单号
	orderAmount	数字	Number	否	订单金额
	totalAmount	数字	Number	否	总金额
	deviceNo	字符串	String(32)	否	设备号
	storeId	字符串	String(32)	否	门店ID
	storeName	字符串	String(256)	否	门店名称
	returnOptions	字符串	String[](300)	否	退货选项
	goodsTag	字符串	String(32)	否	商品标签
	authCode	字符串	String(32)	否	
	subject	字符串	String(256)	否	
	orderTime	字符串	String(19)	否	yyyy-MM-dd HH:mm:ss
	notifyUrl	字符串	String(200)	否	
	goodsDetailList	列表	List	否	
	__gid	字符串	String(32)	否	
__gname	字符串	String(256)	否		

名称	数据类型	长度	是否必填	备注
quantity	Number		否	
price	Number		否	
category	String(32)		否	

### 返回数据

```

{
  "bizContent": {
    "traceNo": "20240710112246541_11130101",
    "merOrderNo": "0007525202407100000835",
    "totalAmount": 3300,
    "deviceNo": "83520001",
    "storeId": "111301",
    "goodsTag": "",
    "authCode": "132951513806421759",
    "subject": "微信支付",
    "notifyUrl": "",
    "goodsDetailList": [
      {
        "gid": "010403",
        "gname": "微信支付",
        "quantity": 1,
        "price": 3300,
        "category": "2"
      }
    ]
  }
}

```

### 返回数据

名称	数据类型	长度	是否必填	备注
data	payChannel	String(32)	否	wxpay或alipay或fu
	transactionNo	String(32)	否	

paymentNo	□□□□□□	String(40)	□	
traceNo	□□□□	String(32)	□	□□□□□□
transTime	□□□□	String(19)	□	yyyy-MM-dd HH:mm:ss
account	□□□□	String(40)	□	
openId	□□□□□□	String(128)	□	
totalAmount	□□□□	Number	□	□□□□□□□□
receiptAmount	□□□□	Number	□	□□
mdiscountAmount	□□□□□□	Number	□	□□
discountAmount	□□□□□□	Number	□	□□
payAmount	□□□□□□	Number	□	□□
invoiceAmount	□□□□□□□□	Number	□	□□
storeName	□□□□□□	String(200)	□	
voucherDetailList	□□□□□□□□□□	List	□	
activityId	□□ID□□□□ID	String(32)	□	
id	□ID	String(32)	□	
name	□□□	String(64)	□	
type	□□□	String(32)	□	
amount	□□□	Number	□	□□
merchantContribute	□□□□	Number	□	□□
otherContribute	□□□□□□	Number	□	□□
purchaseBuyerContribute	□□□□□□□□	Number	□	□□

purchaseMerchantContribute	□□□□□□□□	Number	□	□□
purchaseAntContribute	□□□□□□□□	Number	□	□□

□□□□

```
{
  "data": {
    "payChannel": "wxpay",
    "transactionNo": "",
    "paymentNo": "4200002227202407102297768192",
    "traceNo": "20240710112246541_11130101",
    "transTime": "2024-07-10 11:28:54",
    "account": "",
    "openId": "o2Jh6jtk9v28kSk2GUuyqhtdzUTs",
    "totalAmount": 3300,
    "receiptAmount": 3300,
    "mdiscountAmount": 0,
    "discountAmount": 0,
    "payAmount": 3300,
    "invoiceAmount": 3300,
    "storeName": "xxx□□□□□□□□"
  }
}
```

API



/payment/query



API		请求	响应	数据类型	长度
bizContent	traceNo	字符串	String(32)	必填	32
	originalTraceNo	字符串	String(32)	选填	32
	originalDate	日期	String(8)	选填	8



```

{
  "bizContent": {
    "traceNo": "20240710112246541_11140102",
    "originalTraceNo": "20240710112246541_11130101",
    "originalDate": "20240710"
  }
}

```



API	请求	响应	数据类型	长度
-----	----	----	------	----

data	payChannel	□□□□	String(32)	□	
	transactionNo	□□□□	String(32)	□	
	paymentNo	□□□□□□	String(40)	□	
	traceNo	□□□□	String(32)	□	□□□□□□
	transTime	□□□□	datetime	□	
	account	□□□□	String(40)	□	
	openId	□□□□□□	String(128)	□	
	totalAmount	□□□□	Number	□	□□□□□□□□
	receiptAmount	□□□□	Number	□	□□□
	mdiscountAmount	□□□□□□	Number	□	□□□
	discountAmount	□□□□□□	Number	□	□□□
	payAmount	□□□□□□	Number	□	□□□
	invoiceAmount	□□□□□□□□	Number	□	□□□
	storeName	□□□□□□	String(200)	□	

□□□□

```

{
  "data": {
    "payChannel": "wxpay",
    "transactionNo": "",
    "paymentNo": "4200002227202407102297768192",
    "traceNo": "20240710112246541_11130101",
    "transTime": "2024-07-10 11:28:54",
    "account": "",
    "openId": "o2Jh6jtk9v28kSk2GUuyqhtdzUTs",
    "totalAmount": 3300,
    "receiptAmount": 3300,
    "mdiscountAmount": 0,
    "discountAmount": 0,
    "payAmount": 3300,
    "invoiceAmount": 3300,
    "storeName": "xxx□□□□□□□□"
  }
}

```



API



/payment/refund



bizContent	traceNo		String(32)		
	storeId		String(32)		
	originalTraceNo		String(32)		
	originalDate		String(8)		
	refundAmount		Number		
	refundReason		String(128)		



```

"bizContent": {
  "traceNo": "20240906NJ0070101960163503934",
  "storeId": "111301",
  "originalTraceNo": "20240906NJ0070101960163406444",
  "originalDate": "20240906",
  "refundAmount": 13,
  "refundReason": ""
}

```



data	traceNo		String(32)		

transactionNo	□□□□	String(32)	□	
refundNo	□□□□□□	String(40)	□	
transTime	□□□□	datetime	□	
refundAmount	□□□□□□	Number	□	□□
storeName	□□□□□	String(200)	□	

□□□□

```
{
  "data": {
    "traceNo": "20240906NJ0070101960163503934",
    "refundNo": "20240906NJ0070101960163406444",
    "transTime": "2024-07-10 11:28:54",
    "refundAmount": 13,
    "storeName": "xxx□□□□□□□□"
  }
}
```