

Cloud9 WebTrans User Guide

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Revision History

Date	Version	Brief Description of Change
2014-9-30	1.0	Update HTTPS Parameters

Chapter 1. About WebTrans

1.1. Overview

WebTrans is credit card payment interface based on web for e-commerce.

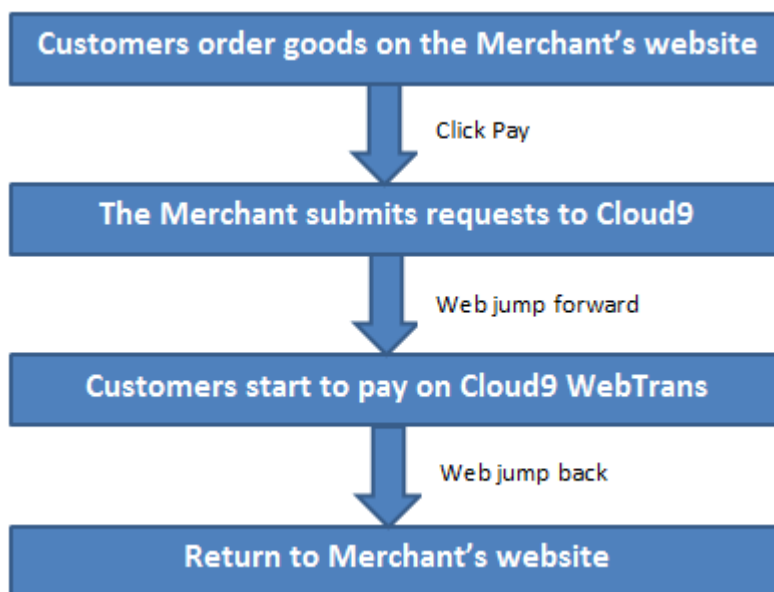
1.2. Target Audience

This document is intended for the following groups of users:

- Merchants who process credit card payment using WebTrans.
- Programmers and analysts who design, implement, and support the system using WebTrans.

Chapter 2. Understand Message Flow

2.1. Operate Flow



Chapter 3. Protocol

3.1. Protocol Overview

WebTrans uses HTTPS for its message delivery.

3.2. Sample

WebTrans uses HTTPS for its message delivery.

The sample is below:

```
Accept : text/html

Accept-Encoding :gzip

Connection : keep-alive

Host : 172.27.48.249:8445

Referer : https://172.27.48.249:8445/client/client.jsp

Content-Length : 267

merchantId = 1001395204

gtID = GT1001395205

amount = 200

currency = USD

referNo = X0000001

backUrl = https:// 172.27.48.249:8445/returnpage.jsp

frontUrl = https:// 172.27.48.249:8445/test

companyName = SuperTech Company

key = 123456

sign = 44fd6467ba0f5a96294c4c491128be293fea3bf0
```

3.3. Message Format

WebTrans uses HTTPS for its message delivery.

Field Name	Data Type	Description
merchantId	Number	Gateway-MID assigned by Cloud9 WebTrans

		Systems Administrator during registration.
gtID	String	Gateway-TID assigned by Cloud9 WebTrans Systems Administrator during registration.
amount	Number	Transaction amount, must be an integer. (Unit: cent)
currency	String	The currency of the transaction amount. Default value is USD.
referNo	String	Specified by client and echoed in the response for validation.
backUrl	URL	Merchant url address for WebTrans jump back after customers finished payment.
frontUrl	URL	Merchant url address for WebTrans send payment response message.
companyName	String	Merchant information which is display while customers payment.
key	String	Secure Key. Assigned between HTTPs handshake
sign	String	Encrypted key.

3.4. Demo sample

- First step: Please input the required field according to [3.3Message Format](#), then click "Submit" button to send request to WebTrans.

online payment



Gateway-MID:	<input type="text" value="100100004"/>
Gateway-TID:	<input type="text" value="GT100100005"/>
amount:	<input type="text" value="200"/>
currency:	<input type="text" value="USD"/>
referNo:	<input type="text" value="X0000001"/>
backUrl:	<input type="text" value="https://172.27.48.249:844"/>
frontUrl:	<input type="text" value="https://172.27.48.249:844"/>
companyName:	<input type="text" value="SuperTech Company"/>
key:	<input type="text" value="123456"/>
sign:	<input type="text" value="c8cf6d0808e5b576e3043"/>
	<input type="button" value="getSign"/>
	<input type="button" value="Submit"/>

- Second step: After web jump to payment interface, entry credit card number, Expiration Date and CVV Code, and then click "Pay" button to finish payment.

Payment Info

Order Number: **1505210912353880005**

Transaction Date: **2015-05-21**

Company Name: **SuperTech Company**

Currency: **USD**

Amount: **2.00**

Payment Method

CREDIT CreditCard

Card Info

Card No


Expiration Date Month Year

CVV Code [? Where can I find the CVV code ?](#)



[Pay](#)

- Third step: If users finished payment successfully, then below will be displayed:



You have successfully paid \$2.00
View your order status, please click [return to merchants](#).