

## API - challan\_van\_generation

### Introduction to PayU Web Services

PayU has made many web-services for you. Each web-service has a specific function and hence can be used to automate different features. The basic format and execution of all web-services remains the same. Each web-service is a server-to-server call from your server to PayU's server.

Web services can be accessed by making a **server to server call** on the below mentioned PayU URLs:

URL to be used:

For Production Server:

<https://info.payu.in/merchant/postservice.php?form=1>

*(form=1 shall return output in array form)*

<https://info.payu.in/merchant/postservice.php?form=2>

*(form=2 shall return output in json form)*

For Test Server:

<https://test.payu.in/merchant/postservice.php?form=1>

*(form=1 shall returns output in array form)*

<https://test.payu.in/merchant/postservice.php?form=2>

*(form=2 shall return output in json form)*

## Web Service Request Format:

The input request format for executing a web-service is as follows:

### Mandatory Input Parameters

| Parameter                           | Description  | Sample Value           |
|-------------------------------------|--|------------------------|
| key                                 | Merchant key provided by PayU. Please refer to the first entry in the Post Parameters table for detailed description of this parameter   | Ibibo                  |
| command                             | This parameter must have <b>name of the web-service</b> . The names and definitions of all web-services will be covered later in detail  | challan_van_generation |
| hash                                | This parameter <b>must</b> contain the hash value to be calculated at your end. The string used for calculating the hash is mentioned below:<br><b>sha512(key command var1 salt)</b><br>sha512 is the encryption method used here. | ajh84ba8abvav          |
| var1, var2, var3<br>... up to var15 | These are the variable parameters, whose values depend on the particular web-service. The definition of these parameters will be covered in the (Read command explanations mentioned later for this)                               | Abc                    |

## API (command):-challan\_van\_generation

### Objective:

This web service will be generating 'Virtual Account number'(VAN) to be used for Challan Payments by the customer. VAN to be generated will be merchant-wise customer specific i.e. for specific customer of the merchant, VAN will always be same.

### Benefit:

Customer will not have to add the beneficiary account number (VAN) again and again for every new future transactions to be done through this merchant. Once added, customer can use same VAN of the merchant for Challan Payments.

### Inputs Required:

This web service will take two variables from the merchant with POST method.

Var1 : token (Merchant Reference Number)

Var2 : JSON encoded Challan Data

(Details given below:)

| Sr. No. | Parameter         | Description  | Mandatory | Type         |
|---------|-------------------|--|-----------|--------------|
| 1.      | remitterId        | This should be a customer unique Reference Number i.e.MobileNumber | Yes       | varchar(255) |
| 2.      | remitterEmailId   | Customer Email Id  | Yes       | varchar(255) |
| 3.      | remitterAccountNo | Customer Account Number  | Yes       | varchar(255) |
| 4.      | remitterIFSC      | Customer Bank's IFS Code   | Yes       | varchar(255) |
| 5.      | remitterName      | Customer Account Holder Name                                       | Yes       | varchar(255) |
| 6.      | remitterBankName  | Customer's Bank Name   | Yes       | varchar(255) |
| 7.      | surl              | Merchant's Successful Response Call Back URL                       | Yes       | mediumtext   |
| 8.      | furl              | Merchant's Failed/Cancelled or any other Response Call Back URL    | Yes       | mediumtext   |

**Sample Challan Data:** '{"remitterId":"9873645252", "remitterEmailId":"abc@gmail.com", "remitterAccountNo":"50100087651234", "remitterIFSC":"HDFC0001212", "remitterName":"ABC", "remitterBankName":"HDFC Bank Limited", "surl":"www.google.com", "furl":"www.google.com"}';

**Output:**

Output returned will be an array and response will have following parameters in case of **successful** validation:

| Sr. No. | Parameter           | Description  |
|---------|---------------------|--|
| 1.      | status              | Status of the web service hit                          |
| 2.      | msg                 | Response Message                                       |
| 3.      | van                 | Merchant-wise Customer specific Virtual Account Number |
| 4.      | beneficiaryName     | PayU's Account Holder Name                             |
| 5.      | beneficiaryBank     | PayU's Bank Name                                       |
| 6.      | beneficiaryIFSCcode | PayU's Bank Account IFS code                           |

**Sample Response:** array('status' => 1, 'msg' => 'VAN returned successfully.', 'van' => 'ZCBSKKT1001100910', 'beneficiaryName' => 'PayU Payments Pvt Ltd', 'beneficiaryBank' => 'XXXXXXXXXX', 'beneficiaryIFSCcode' => 'XXXXXXXXXX');

For **negative** cases, output will include only 'status' and 'msg'.