

About:

This file is a technical guide for integration of merchant backend with AIRPAY. Please refer to below guidelines for integration.

A. List of Files

1. transaction.html - Merchant Data collection.
2. web.xml - Variable Configuration file.
3. sendtoairpay.jsp - server side Validation examples for data received from transaction.html, access token validation and Merchant Data encryption and sending data to airpay. Class file that encrypts data.
4. responsefromairpay.jsp - Response from airpay.
5. error.jsp - Landing page for error.

B. Data captured.

Data	HTML variable name	Data Format	Data Length	Example
Buyer Email	buyerEmail	email format	6-50	eg.buyer@example.com
Buyer Phone	buyerPhone	numeric, space, hyphen	8-15	989898989898
* Buyer First Name	buyerFirstName	alphanumeric, space	1-50	name 89
* Buyer Last Name	buyerLastName	alphanumeric, space	1-50	name 89
Buyer Address	buyerAddress	alphanumeric, space and these special chars ,;.#\$%()- _	4-50	
Buyer City	buyerCity	alphanumeric, space	2-50	Delhi
Buyer State	buyerState	alphanumeric, space	2-50	Delhi
Buyer Country	buyerCountry	alphanumeric, space	2-50	India
Buyer Pincode	buyerPinCode	alphanumeric	4-8	4124578
* Amount	amount	number with two decimals	1-6.2	999999.99
* Order ID	orderid	alphanumeric	1-20	
* Private Key	privatekey	alphanumeric	10-200	As per calculated in the example.
* Merchant ID	mercid	numeric	1-12	
* Checksum	checksum	alphanumeric	10-200	As per calculated in the example.
* Currency	currency	numeric	3	356 **
* ISO Currency	isocurrency	chars	3	INR **
* Custom variable	customvar	alphanumeric,space,=	1-100	eg.airpay Payment
* Custom variable	customvar	alphanumeric,space,=	1-100	eg.airpay Payment
Sub Type	txnsbtype	numeric	1-100	eg.1000
* Airpay Version	arpyVer	numeric	1-100	3

* represents mandatory.

** Hardcode these example values

***chmod variable contains Payment Modes available for user. for e.g. If you want to show only Credit Card/Debit Card, then value of the chmod variable will be "pg". If you want Netbanking and Prepaid card then value of the chmod variable will be "nb_ppc". If you want to show all payment options activated for you at airpay, then leave this variable blank.

C. Details.**1. transaction.html**

This file has example of data collection from merchant. It collects following data. Buyer Email, Buyer Phone, Buyer First Name, Buyer Last Name, Buyer Address, Buyer City, Buyer State, Buyer Country, Buyer Pincode, Amount, Order ID. orderid variable is kept here, so that you can test the kit conveniently. orderid should be unique reference number generated and send by your system to airpay. So you may generate it in sendtoairpay.jsp

2. web.xml

This file contains variables \$username, \$password, \$secret, \$mercid which you can get from settings page of your airpay merchant account. These variables are used in sendtoairpay.jsp and responsefromairpay.jsp files. privatekey and checksum are generated using these variables.

We have added Kit version variable in web.xml to define kit version value. For V4 kit we mentioned as V4.

Private Key is calculated by using SHA256.

Checksum logic is calculated as per Kit version value so please refer logic in sendtoairpay.jsp

3. sendtoairpay.jsp

This file provides you example of how process data received from transaction.html and send it to airpay payment solutions.

- This file access parameters from web.xml
- We are also collecting two other HTML variables.
- In this file, a token generation logic has been implemented, utilizing request data and a token URL. The generated token is subsequently decrypted and appended to the URL.
- This file provides examples of jsp validations for variables received from transaction.html. This is included in sendtoairpay.jsp
- This file provides a class Checksum to encrypt and sanitize data.
- currency: 356
- isocurrency: INR
- Also we are passing arpVer variable value as 3 in V3 kit integration

4. responsefromairpay.jsp

This file states how to process response from airpay. Airpay will send you following list of variables.

- TRANSACTIONID = orderid you have send to airpay system
- APTRANSACTIONID = airpay transaction reference number
- AMOUNT = transaction amount
- TRANSACTIONSTATUS = successfull = 200
- MESSAGE = Response message received from payment gateway.
- ap_SecureHash = Secure hash generated by airpay
- CUSTOMVAR = customvar value received from payment gateway.
- All fields are mandatory except MESSAGE and CUSTOMVAR .
- Secure hash is calculated using crc32. More details are available on <http://in2.rb.net/crc32>
- mercid = Merchant Id, username = username available on settings page of your airpay merchant account.

5. error.jsp

Example landing page if server side validation failed for transaction.html

