



# IPN INTEGRATION DOCUMENT



## For      Redirection/IPN      (backend      payment      notification)

Payment gateway will send additional parameters (along with those sent already by merchant) containing transaction information. These parameters are as follows:

<b>IPN</b>	
<b>Method</b>	POST
<b>transaction_id</b>	Transaction ID processed at payment gateway
<b>err_code</b>	Status code of the transaction (‘000’ is for successful transaction)
<b>err_msg</b>	Descriptive message in case of failed transaction
<b>basket_id</b>	Order ID sent by merchant
<b>order_date</b>	Date of order sent by merchant
<b>validation_hash</b>	<p>A SHA256 hash of combination of following fields in particular order:</p> <p>Basket ID</p> <p>Merchant Secured Key</p> <p>Merchant ID</p> <p>Error Code (received from PayFast)</p> <p>String Sequence:</p> <p>“your_basket_id your_merchant_secret_key your_merchant_id payasft_err_code”</p> <p>e.g. BAS-01 jdnkaabcks 102 000</p> <p>SHA256 of above example will make following hash: e8192a7554dd699975adf39619c703a492392edf5e416a61e183866ecdf6a2a2</p> <p>(please note “ ” (pipe) sign is included in the string)</p> <p>Value received from PayFast should match with your calculated hash for data integrity.</p>
<b>PaymentName</b>	Payment type (Account, Card, Wallet)
<b>discounted_amount</b>	Discount given my merchant (if any)

<b>transaction_amount</b>	Actual transaction amount
<b>merchant_amount</b>	Amount sent by merchant
<b>transaction_currency</b>	Transaction currency
<b>Instrument_token</b>	Merchant requested token (applies for particular opted service)

### For Return Response

The receiving server would return an HTTPS Status Code of "200" indicating a successful response of IPN received.