

App To App Documentation
[Payment Orchestrator] - Android
PT. CASHLEZ WORLDWIDE INDONESIA, Tbk

[Cashlez External]

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1. Introduction

In this digital ecosystem, users have multiple digital banks and wallets and by that they distribute their wealth to each digital bank account and/or digital wallet accounts. That condition might lead customers to craving multi payment channel schemes where they can combine their payment sources to purchase their goods in merchants.

2. Purpose

The purpose of this document is to help Cashlez merchants to learn and understand about the flows of split payment features.

3. Terminology

No.	TERM	DESCRIPTION
1.	API	Application program interface; A set of routines, protocols, and tools for building software applications.
2.	Android	An open source operating system used for smartphones and tablet computers.
3.	Approval code	An authorization code received by merchant when transaction is approved.
4.	Batch number	Sequential number from batching process. Batching is when the merchant reviews all the day's sales to ensure they were authorized and signed by cardholder. It then transmits all the sales at once called a batch to the acquirer (see: bank acquirer) to receive a payment.
5.	Currency	Money used on transaction based on particular country where transaction made.
6.	Masked PAN	Debit or credit card numbers which are censored.
7.	Merchant	Business and or companies that are registered to cashlez readers.
8.	Merchant Application	Application specifically made for merchant, operated only after having cashlez application installed.
9.	Reader	Transaction device which is able to read, communicate and process transaction data from chip card.
10.	RRN	Retrieval Reference Number.

11.	Transaction	An activity between merchant with customers of exchanging products and or service with money (cash and non-cash) and recorded with supporting proof.
12.	Transaction date (server time)	Date where transaction occurred.

4. Application Programming Interface (API) for Android

4.1 Environment

- Android Version : 6.0 and above.



4.2 Programming Guide: Request Cashlez Application from Merchant Application

4.2.1 Android:

```

## **Intent Request From Merchant App to Cashlez via Intent**

`czPackageName: com.cashlez.android.garuda.allinone or
com.cashlez.android.garuda`

#### ***Normal Payment***

...

Intent intent =
getPackageManager().getLaunchIntentForPackage(czPackageName);
if (intent != null) {
    intent.addCategory("android.intent.category.LAUNCHER");
    intent.setFlags(Intent.FLAG_ACTIVITY_NEW_TASK |
Intent.FLAG_ACTIVITY_MULTIPLE_TASK);
    intent.putExtra(CzConstant.MERCHANT_NAME, [String]);
    intent.putExtra(CzConstant.AMOUNT, [String]);
    intent.putExtra(CzConstant.DESCRPTION, [String]);
    intent.putExtra(CzConstant.TRANSACTION_TYPE, [String]);
    intent.putExtra(CzConstant.PAYMENT_NAME, [String]);
    intent.putExtra(CzConstant.MERCHANT_TRANSACTION_ID, [string]);
    intent.putExtra(CzConstant.EMAIL, [String]);
    intent.putExtra(CzConstant.NO_HANDPHONE, [String]);
    intent.putExtra(CzConstant.PRODUCT_IMAGE, [String]);
    intent.putExtra(CzConstant.SECRETKEY, [String]);
    intent.putExtra(CzConstant.MOBILEUSER_ID, [String]);
    intent.putExtra(CzConstant.AGGREGATOR_ID, [String]);
    intent.putExtra(CzConstant.AUTOBACKPREF, [String]);
    intent.putExtra(CzConstant.AUTO_PRINT, [String]);
    intent.putExtra(CzConstant.AUTO_REDIRECT, [String]);
    intent.putExtra(CzConstant.REDIRECT_TIME, [String]);
    intent.putExtra(CzConstant.DISABLE_PRINT_BUTTON, [String]);
    startActivity(intent);
} else {
    //TODO: Handle Application Not Installed
}
...

```

```

#### **Split Payment**
...

Intent intent =
getPackageManager().getLaunchIntentForPackage(czPackageName);
if (intent != null) {
    intent.addCategory("android.intent.category.LAUNCHER");
    intent.setFlags(Intent.FLAG_ACTIVITY_NEW_TASK |
Intent.FLAG_ACTIVITY_MULTIPLE_TASK);
    intent.putExtra(CzConstant.MERCHANT_NAME, [String]);
    intent.putExtra(CzConstant.AMOUNT, [String]);

```

```
intent.putExtra(CzConstant.DESCRPTION, [String]);
intent.putExtra(CzConstant.TRANSACTION_TYPE, [String]);
intent.putExtra(CzConstant.MERCHANT_TRANSACTION_ID, [String]);
intent.putExtra(CzConstant.SECRETKEY, [String]);
intent.putExtra(CzConstant.MOBILEUSER_ID, [String]);
intent.putExtra(CzConstant.AGGREGATOR_ID, [String]);
intent.putExtra(CzConstant.AUTOBACKPREF, [String]);
intent.putExtra(CzConstant.AUTO_PRINT, [String]);
intent.putExtra(CzConstant.AUTO_REDIRECT, [String]);
intent.putExtra(CzConstant.REDIRECT_TIME, [String]);
intent.putExtra(CzConstant.DISABLE_PRINT_BUTTON, [String]);
startActivity(intent);
} else {
    //TODO: Handle Application Not Installed
}
````
```





## 4.2.2 Android Input:

| INPUT |                                                                                              |                                                                                                                                                 |                            |
|-------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| No.   | Name                                                                                         |                                                                                                                                                 | Example                    |
| 1.    | TRANSACTION_TYPE<br><code>"com.cashlez.android.a<br/>pi.field.TRANSACTION_TYPE"</code>       | MANDATORY (M) String Enumeration Currently only support (Max 30) "SALE".                                                                        | "SALE"                     |
| 2.    | MERCHANT_NAME                                                                                | M String Alphanumeric The merchant name registered in cashlez                                                                                   | Pt Cwi                     |
| 3.    | MERCHANT_TRANSACTION_ID<br><code>"com.cashlez.android.a<br/>pi.field.MERCHANT_TRX_ID"</code> | M String Alphanumeric The [10,40] merchant transaction identifier. Unique for every transaction of a merchant                                   | TRXID0001                  |
| 4.    | AMOUNT<br><code>"com.cashlez.android.a<br/>pi.field.AMOUNT"</code>                           | M String Numeric The total Max 12 amount of sale.                                                                                               | 50000                      |
| 5.    | AMOUNT_EXTRA                                                                                 | FUTURE USE, String Numeric The IGNORED Max 12 amount for tip. Future use.                                                                       | 10000                      |
| 6.    | CURRENCY_CODE                                                                                | M String ISO 4217 Currently only supports "IDR".                                                                                                | "IDR"                      |
| 7.    | DESCRIPTION<br><code>"com.cashlez.android.a<br/>pi.field.DESCRPTION"</code>                  | OPTIONAL (O) String Text max. Sale or 255 purchase description.                                                                                 | Laptop 4 Pcs               |
| 8.    | APP_ID                                                                                       | M String Alphanumeric The APP with "." ID that and "-" calls Max 20 Cashlez App.<br><br>The unique name and version of the app should be there. | "MerchantApp-1.0"          |
| 9.    | EMAIL                                                                                        | OPTIONAL (O) String Text max. 255<br><br>Email address for send receipt                                                                         | taslim@cashlez.com         |
| 10.   | NO_HANDPHONE                                                                                 | OPTIONAL (O) String Numeric Max 12<br><br>No handphone for send                                                                                 | 085714666988               |
| 11.   | CASHLEZ_PACKAGE_NAME                                                                         | M String Text max. 255<br><br>The package name that calls Cashlez App.<br>The unique name and version of the app should be there                | com.cashlez.android.garuda |
| 12.   | CASHLEZ_TRANSACTION_ID                                                                       | M (Void) String Numeric Max 20 Transaction ID for void                                                                                          | 8008012305<br>0916000582   |
| 13.   | SECRETKEY                                                                                    | M (LOGIN AGGREGATOR) String Text max. 255                                                                                                       |                            |

|     |                |                                                                                                        |                               |
|-----|----------------|--------------------------------------------------------------------------------------------------------|-------------------------------|
|     |                | Server Public Key + Client Private Key<br><i>Request to Cashlez</i>                                    |                               |
| 14. | MOBILE_USER_ID | M (LOGIN AGGREGATOR)<br>String Text max. 40<br><br>User ID for login <i>Request to Cashlez</i>         | "OUTLETZ<br>USER1"            |
| 15. | AGGREGATOR_ID  | M (LOGIN AGGREGATOR) String Text<br>max. 255<br><br>Aggregat or ID for login <i>Request to Cashlez</i> | "outletz"                     |
| 16. | PAYMENT_NAME   | O (OPTIONAL) String Text max.255<br><br>Payment Type selected                                          | "DEBIT_OR<br>CREDIT_C<br>ARD" |

#### List of possible PAYMENT\_NAME

#### \*\*CzConstant\*\*

...

```
public final static String AMOUNT = "com.cashlez.android.api.field.AMOUNT";
public final static String MERCHANT_NAME = "com.cashlez.android.api.field.MERCHANT_NAME";
public final static String DESCRIPTION = "com.cashlez.android.api.field.DESCRPTION";
public final static String MERCHANT_TRANSACTION_ID =
"com.cashlez.android.api.field.MERCHANT_TRX_ID";
public final static String CASHLEZ_TRANSACTION_ID = "com.cashlez.android.api.field.CASHLEZ_TRX_ID";
public final static String TRANSACTION_TYPE = "com.cashlez.android.api.field.TRANSACTION_TYPE";
public final static String PAYMENT_NAME = "com.cashlez.android.api.field.PAYMENT_NAME";
public final static String EMAIL = "com.cashlez.android.api.field.EMAIL";
public final static String NO_HANDPHONE = "com.cashlez.android.api.field.NO_HANDPHONE";
public final static String PRODUCT_IMAGE = "com.cashlez.android.api.field.PRODUCT_IMAGE";
public final static String SECRETKEY = "com.cashlez.android.api.field.SECRETKEY";
public final static String AGGREGATOR_ID = "com.cashlez.android.api.field.AGGREGATOR_ID";
public final static String MOBILEUSER_ID = "com.cashlez.android.api.field.MOBILEUSER_ID";
public final static String AUTOBACKPREF = "com.cashlez.android.api.field.AUTOBACKPREF";
public final static String AUTO_PRINT = "com.cashlez.android.api.field.AUTO_PRINT";
public final static String AUTO_REDIRECT = "com.cashlez.android.api.field.AUTO_REDIRECT";
public final static String REDIRECT_TIME = "com.cashlez.android.api.field.REDIRECT_TIME";
public final static String DISABLE_PRINT_BUTTON =
"com.cashlez.android.api.field.DISABLE_PRINT_BUTTON";
```

```
public static final String ACTION_FINISH_PACKAGE = "FINISH_PACKAGE";
public static final String TRANSACTION = "com.cashlez.android.api.field.TRANSACTION";
public static final String MESSAGE = "MESSAGE";
public static final String RESULT = "RESULT";
```

```
public final static String RES_CANCEL = "Cancel";
public final static String RES_WARNING = "Warning";
public final static String RES_SUCCESS = "Success";
...
```

```
AMOUNT Option
`String.valueOf(int)`
```

```
TRANSACTION_TYPE Option
"SALE"
```

```
PAYMENT_NAME Option
```

```

"CASH"
"CREDIT"
"DEBIT"
"DEBIT_OR_CREDIT_CARD"
"CREDIT_WITH_POINT"
"CASHLEZ_LINK"
"LINK_AJA"
"MINIATM"
"INSTALLMENT"
"INSTALLMENT|0009|I03|PIN"
"INSTALLMENT|0008|I06|SIGNATURE"
"INSTALLMENT|0022|I03|PIN"
"PREAUTH"
"OVO"
"GOPAY"
"KREDIVO"
"DANA"
"EMONEY"
"CARD MOCK"
"VA_TRANSFER"
"SHOPEE_PAY"
"ARTAJASA_VA"
"PERMATA_VA"
"BCA_VA"
"VOSPAY"
"GOMOBILE"
"ATOME"
"NOBU_QR_DYNAMIC"
"INDODANA"
"CASHBACK"

PRODUCT_IMAGE Option
`Base64 Image String`

AUTOBACKPREF Option
`String.ValueOf(boolean)`

AUTO_PRINT Option
`String.ValueOf(boolean)`

AUTO_REDIRECT Option
`String.ValueOf(boolean)`

DISABLE_PRINT_BUTTON Option
`String.ValueOf(boolean)`

```

## Direct Installment

If needed, installment can be selected directly bypassing the selection of bank and installment period selection page. This can be done by using specially formatted payment method.

### Format

```
INSTALLMENT | <BANK CODE> | I<TENOR> | <VERIFICATION
MODE>
```

**Bank Code available**

0008 - MANDIRI

0009 - BNI

0022 - CIMB

**Tenor Installment**

06 - 6 Months

12 - 12 Months

18 - 18 Months

24 - 24 Months

**Available Verification Mode**

PIN

SIGNATURE

**Card Testing Mock-Up**

As not all devices available to be used using card payment, it is possible to receive a mock up for card payment by using payment name as follows

```
public static final String CARD MOCK = "CARD MOCK";
```

Use the following amount for mock result

99 -> failed result (incorrect PIN, etc)

999 -> success result

Other amount -> cancel response

### Available Parameter on App-To-App

| Purpose              | Method Value                                                                            |
|----------------------|-----------------------------------------------------------------------------------------|
| Auto Print           | "com.cashlez.android.api.field.AUTO_PRINT" Boolean (true/false)                         |
| Auto Redirect        | "com.cashlez.android.api.field.AUTO_REDIRECT" Boolean (true/false)                      |
| Redirect Time        | "com.cashlez.andandroid.api.field.REDIRECT_TIME" Integer (only if Auto redirect active) |
| Disable Print Button | "com.cashlez.android.api.field.DISABLE_PRINT_BUTTON" Boolean (true/false)               |

## 4.3 Programming Guide: Capture Response Data from Cashlez App.

### 4.3.1 Android:

**Note:**

*To capture the response data from Cashlez app, you need to receive broadcast with action name equals "finish\_pkg" as below;*

```
Broadcast Receiver
...
@Override
public void onReceive(Context context, Intent intent) {
 if (intent.getAction().equals(CzConstant.ACTION_FINISH_PACKAGE)) {
 String result = intent.getExtras().getString(CzConstant.RESULT);
 String message = intent.getExtras().getString(CzConstant.MESSAGE);
 switch (result != null ? result : CzConstant.RES_CANCEL) {
 case CzConstant.RES_WARNING:
 receiverListener.showWarning(message);
 break;
 case CzConstant.RES_CANCEL:
 receiverListener.showCancel(message);
 break;
 case CzConstant.RES_SUCCESS:
 StringBuilder sb = new StringBuilder();
 if (intent.hasExtra(CzConstant.TRANSACTION)){
 Bundle bundle = intent.getExtras();
 if (bundle.get(CzConstant.TRANSACTION) instanceof ArrayList){
```



|                                                                                      |                         |   |                        |                                                                                                                |                                           |
|--------------------------------------------------------------------------------------|-------------------------|---|------------------------|----------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 3.                                                                                   | ERROR_MESSAGE           | C | String<br>Alphanumeric | if error String Text Max.255 The human occurred readable error message.<br><br>Currently only support English. | You have exceeded limit (defined in VAPN) |
| 4.                                                                                   | APP_ID                  | M | String<br>Alphanumeric | The Cashlez App with "." and ID, the unique "-". Max 20 name and version of the app is returned.               | Cashlez App 1.0                           |
| <b>BELOW IS ONLY APPLICABLE WHEN RESPONSE_CODE=0000 and ACQUIRER_RESPONSE_CODE=0</b> |                         |   |                        |                                                                                                                |                                           |
| 5.                                                                                   | APPROVAL_CODE           | C | String<br>Alphanumeric | The approval Max 8 & code from HOST.                                                                           | 152359                                    |
| 6.                                                                                   | APPROVAL_STATUS         | M | String<br>Alphanumeric | Approval status Max 3 from Cashlez                                                                             | 100                                       |
| 7.                                                                                   | CASHLEZ_TRANSACTION_ID  | C | String<br>Alphanumeric | Cashlez Length 20 transaction identifier. Unique for every transaction.                                        | TXID00034                                 |
| 8.                                                                                   | MERCHANT_TRANSACTION_ID | M | String<br>Alphanumeric | The merchant [10,40] transaction identifier. Unique for every transaction of a merchant.                       | 000001                                    |
| 9.                                                                                   | BATCH_NO                | C | String<br>Numeric      | The number of the Length 6. batch where the transaction will be settled.                                       | 1                                         |
| 10.                                                                                  | APPROVED_AMOUNT         | C | String<br>Numeric      | Max The total amount 12 that is approved.                                                                      | 50000                                     |
| 11.                                                                                  | APPROVED_AMOUNT_EXTRA   | ? | String<br>Numeric      | String Numeric. Max 12<br>The amount for tip that is approved.<br><br>FUTURE USE, IGNORED Future use.          | 10000                                     |
| 12.                                                                                  | APPROVED_CURRENCY_CODE  | C | String                 | ISO 4217 Currently only support "IDR"                                                                          | "IDR"                                     |
| 13.                                                                                  | PAYMENT_TYPE            | C | String<br>Enumeration  | Payment type we call select from Max. 10 Enumeration.                                                          | DEBIT,<br>CREDIT,<br>CASH                 |
| 14.                                                                                  | MASKED_PAN              | C | String<br>Numeric      | Max The masked credit 19 card number.                                                                          | 512676*<br>*****<br>7667                  |
| 15.                                                                                  | RRN                     | C | String<br>Alphanumeric | Retrieval Max 12 reference number.<br><br>Acquirer reference number, the                                       | "0123456<br>789 AB"                       |

|     |                       |   |             |                                                                                                        |                        |
|-----|-----------------------|---|-------------|--------------------------------------------------------------------------------------------------------|------------------------|
|     |                       |   |             | unique number of a transaction given by the acquirer bank. Usually used as reference during chargeback |                        |
| 16. | TRANSACTION_DATE TIME | C | String      | DD/MM/YYYY Transaction date<br>hh:mm:ss.sss and time in 24-Hour format                                 | 17/08/2015<br>23:59:59 |
| 17. | ACQUIRER_BANK_NAME    | C | String      | Text Max. 50 Registered bank name in Cashlez                                                           | "Bank Cashlez"         |
| 18. | EMAIL                 | C | String      | Text Email address for customer                                                                        | test@cashlez.com       |
| 19. | NO_HANDPHONE          | C | String      | Text Phone number for customer                                                                         | 0812112<br>233<br>4455 |
| 20. | LATITUDE              | M | String Text | Transaction Location                                                                                   | -0.123456              |
| 21. | LONGITUDE             | M | String Text | Transaction Location                                                                                   | 12.123456              |
| 22. | REDEEMED_AMOUNT       | C | String Text | Amount used during the transaction for the point transaction                                           | 12000                  |
| 23. | REDEEMED_POINT        | C | String Text | Point used on the transaction                                                                          | 500                    |
| 24. | BALANCE_AMOUNT        | C | String Text | Remaining point balance in Rupiah (BNI)                                                                | 89000                  |
| 25. | BALANCE_POINT         | C | String Text | C String Text Remaining point balance in point (CIMB)                                                  | 6000                   |
| 26. | EXPIRED_DATE          | M | String Text | yyyy-MM-dd<br>VA Number expiry<br>HH:mm:ss time                                                        | 2020-11-05<br>23:59:59 |
| 27. | VA_NUMBER             | M | String Text | Test VA Number generated                                                                               | 7011010057<br>280001   |



## 5. List of Available Response Code

| LIST OF AVAILABLE RESPONSE CODE |               |                                                           |                                                                                             |
|---------------------------------|---------------|-----------------------------------------------------------|---------------------------------------------------------------------------------------------|
| No.                             | Response Code | Error_Message Description                                 | Solution                                                                                    |
| 1.                              | 000000        | NA SUCCESS                                                | Continue the action.                                                                        |
| 2.                              | 000001        | Varies HOST_REJECTED                                      | Please try again.                                                                           |
| 3.                              | 2001          | Initialization error                                      | Please try again.                                                                           |
| 4.                              | 2002          | Session is expired                                        | Please wait and re-login.                                                                   |
| 5.                              | 2003          | TLE LTWK key download error                               | Please re-download.                                                                         |
| 6.                              | 2012          | Page number is invalid                                    | Please try again.                                                                           |
| 7.                              | 3011          | You have exceeded a maximum number of five (5) attempts.  | Please contact your merchant system administrator.                                          |
| 8.                              | 3012          | You are not authorized to void or settle transactions.    | Tbd bang Fikri.                                                                             |
| 9.                              | 3020          | Error phone not match                                     | Please activate account using another phone/device.                                         |
| 10.                             | 3021          | Invalid reader                                            | Please use the same reader, but it is only exceeded a minimum number of three (3) attempts. |
| 11.                             | 3022          | Please use the same smart reader.                         | TBD by PIC reader<br>APPLICATION_DEVICE_UDID_NOT_MATCH                                      |
| 12.                             | 3023          | Invalid phone ID.                                         | Please reset your smart reader.                                                             |
| 13.                             | 3030          | Reader is not linked to the current merchant.             | Please reset your smart reader.                                                             |
| 14.                             | 3031          | Reader is inactive or suspended.                          | Please insert another reader.                                                               |
| 15.                             | 3032          | Reader malfunction.                                       | Please use the same Smart Reader                                                            |
| 16.                             | 3040          | TID is suspended/terminated or not linked to Mobile User. | Please contact Cashlez Customer Service.                                                    |
| 17.                             | 5010          | Invalid login mobile user.                                | Please try again or contact Cashlez Customer Service.                                       |
| 18.                             | 5011          | User PIN has to be a 6 numeric characters.                | Please input 6 numeric character                                                            |

|     |      |                                                         |                                                                                                                |
|-----|------|---------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| 19. | 5012 | Please do not reuse the last 5 password.                | Please input new password.                                                                                     |
| 20. | 5013 | Invalid activation code.                                | Try to get a new activation code again.                                                                        |
| 21. | 5014 | Mobile User Final Attempt.                              | Please ensure user ID and user PIN are valid. This will be your last attempt before your account is suspended. |
| 22. | 5016 | Activation failed                                       | Please call help desk.                                                                                         |
| 23. | 5015 | User is not active                                      | Please call Cashlez Customer Support at 1500 539 and request to activate the user account.                     |
| 24. | 5110 | Connection Error.                                       | Please try again, if the problem persists kindly contact our merchant hotline.                                 |
| 25. | 5111 | You have exceeded your daily transaction limit.         | Please contact Cashlez Call Center at 1500 539.                                                                |
| 26. | 5112 | You have exceeded your monthly transaction limit.       | Please contact Cashlez Call Center at 1500 539.                                                                |
| 27. | 5113 | You have exceeded your transaction limit.               | Please contact Cashlez Call Center at 1500 539.                                                                |
| 28. | 5114 | Please verify mobile number                             | Input the verification code.                                                                                   |
| 29. | 5115 | Please verify email                                     | Open the email and find the verification                                                                       |
| 30. | 5116 | Email or SMS service is currently unavailable.          | Please contact Cashlez Call Center at 1500 539.                                                                |
| 31. | 5120 | Error while saving data to table                        | Please try again, if the problem persists kindly again,contact our merchant hotline                            |
| 32. | 5555 | System is currently not available.                      | Please try again later.                                                                                        |
| 33. | 8090 | An error has occurred.                                  | Please contact Cashlez Call Center at 1500 539.                                                                |
| 34. | 8091 | Connection error.Please try again, if Connection error. | Please contact Cashlez Call Center at 1500 539.                                                                |
| 35. | 8092 | Connection error.Please try again, if Connection error. | Please try again, if the problem persists kindly contact our merchant hotline.                                 |
| 36. | 8093 | Batch upload failed.                                    | Please call help desk.                                                                                         |
| 37. | 9001 | Invalid card                                            | Please insert another card(s).                                                                                 |
| 38. | 9010 | Invalid service name/ version.                          | Please try again, if there is any problem persists kindly contact our merchant hotline.                        |

|     |       |                                                                             |                                                                                                  |
|-----|-------|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| 39. | 9011  | Method invocation error.                                                    | Please try again.                                                                                |
| 40. | 9012  | No Application ID is selected                                               | Continue the action.                                                                             |
| 41. | 10001 | Service is currently unavailable.                                           | Please try again, if the problem persists kindly please contact Cashlez Call Center at 1500 539. |
| 42. | 11002 | Reader ID does not exist in the concurrent map                              | Please try again.                                                                                |
| 43. | 12001 | Connection between client and host, expired, due to cancellation or timeout | Please try again.                                                                                |
| 44. | 12002 | Maximum thread limit reached                                                | Reduce character maximum                                                                         |
| 45. | 12003 | Thread interrupted in long poller, probably triggered by a forced destroy   | Please try again.                                                                                |
| 46. | 13001 | Error during encryption/decryption                                          | Please try again.                                                                                |
| 47. | 13002 | Error, client disconnect                                                    | Check your connection and please try again                                                       |
| 48. | 14001 | Connection timed out                                                        | Please check your connection and please try again                                                |
| 49. | 14002 | Login token could not be created                                            | Please login again.                                                                              |
| 50. | 14003 | Login token could not be found or found to be mismatched                    | Please login again.                                                                              |
| 51. | 14004 | Login token expired                                                         | Please login again.                                                                              |
| 52. | 15001 | Problem in receiving help message                                           | Please check your connection.                                                                    |

## 6. List of Available Approval Status

| LIST OF AVAILABLE RESPONSE CODE |                 |                                 |                              |
|---------------------------------|-----------------|---------------------------------|------------------------------|
| No.                             | Approval Status | Message Description             | Solution?                    |
| 1.                              | 100             | APPROVED<br>Approved            | Continue the action          |
| 2.                              | 101             | REVERSED<br>Reversed            | Continue the action          |
| 3.                              | 102             | VOIDED<br>Voided                | Please try again             |
| 4.                              | 103             | PENDING_SIGNATURE<br>Approved** | Customer signature required. |

|     |     |                                                |                                                     |
|-----|-----|------------------------------------------------|-----------------------------------------------------|
| 5.  | 104 | SETTLED<br>Settled                             | Continue the action                                 |
| 6.  | 105 | PENDING_TC_ADVIDE<br>Approved*                 |                                                     |
| 7.  | 106 | PENDING_OFFLINE<br>Pending Offline Completion  | Please check your connection                        |
| 8.  | 107 | OFFLINE_COMPLETED<br>PreAuth Offline Completed |                                                     |
| 9.  | 120 | NOT_ACCEPTED<br>Not Accepted                   | Please try another card                             |
| 10. | 199 | PROCESSING_ERROR<br>Processing Error           | Please try again                                    |
| 11. | 200 | PENDING Pending                                | Please completed to transaction                     |
| 12. | 201 | ISSUER_REFERRAL Do Not Honour                  | please try again/contact bank                       |
| 13. | 202 | ISSUER_REFERRAL_SPECIAL<br>Do Not Honour       | Please try again/contact bank                       |
| 14. | 203 | ERROR_CALL_HELP_INVALID_MER<br>CHANTIError.    | Please Call Cashlez Support at 1500 539 -SN         |
| 15. | 204 | ERROR_CALL_HELP_PICK_UP_CARD<br>Card Blocked   | Please Call the Bank or Cashlez Support at 1500 539 |
| 16. | 205 | DO_NOT_HONOR<br>Do Not Honour                  | Please try again/contact bank                       |
| 17. | 206 | ERROR_CALL_HELP<br>Error.                      | Please Call Cashlez Support at 1500 539             |
| 18. | 207 | ERROR_CALL_HELP_PICK_UP_OTHERError.            | Please Call Cashlez Support at 1500 539             |
| 19. | 208 | ERROR_CALL_HELP_HONOUR_WITH_ID Error<br>.      | Please Call Cashlez Support at 1500 539             |
| 20. | 209 | HOST_TELLER_REJECT Rejected, Error<br>Host     | Please call Cashlez Support at 1500 539             |
| 21. | 210 | PARTIAL_APPROVED Error.                        | Please Call Cashlez Support at 1500 539             |
| 22. | 211 | VIP_APPROVAL Error.                            | Please Call Cashlez Support at 1500 539             |

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| 23. | 212 | ERROR_CALL_HELP_TR Error.                                         | Please Call Cashlez Support at 1500 539 |
| 24. | 213 | ERROR_CALL_HELP_AM Error. Please Call Cashlez Support at 1500 539 | Please Call Cashlez Support at 1500 539 |
| 25. | 214 | ERROR_CALL_HELP_RE Error.                                         | Please Call Cashlez Support at 1500 539 |
| 26. | 215 | ERROR_CALL_HELP_II Error.                                         | Please Call Cashlez Support at 1500 539 |
| 27. | 217 | ERROR_CALL_HELP_CUSTOMER_CANCELLATION Error.                      | Please Call Cashlez Support at 1500 539 |
| 28. | 219 | ERROR_CALL_HELP_RE_ENTER Re-enter payment                         | Please Call Cashlez Support at 1500 539 |
| 29. | 221 | ERROR_CALL_HELP_NO_ACTION_TAKEN No payment                        | Please Call Cashlez Support at 1500 539 |
| 30. | 225 | ERROR_CALL_HELP_NT Error.                                         | Please Call Cashlez Support at 1500 539 |
| 31. | 228 | ERROR_CALL_HELP_FILE_TEMP_UNAVAIL Error.                          | Please Call Cashlez Support at 1500 539 |
| 32. | 230 | ERROR_FORMAT_ERROR Error.                                         | Please Call Cashlez Support at 1500 539 |
| 33. | 231 | ERROR_BANK_NOT_SUPPORTED_BY_SWITCH Error.                         | Please Call Cashlez Support at 1500 539 |
| 34. | 239 | ERROR_NO_CREDIT_ACC Error.                                        | Please Call Cashlez Support at 1500 539 |
| 35. | 240 | ERROR_INVALID_FUNC Error.                                         | Please Call Cashlez Support at 1500 539 |
| 36. | 241 | ERROR_CALL_HELP_PICK_UP_LOST_CARD Error.                          | Please Call Cashlez Support at 1500 539 |
| 37. | 243 | ERROR_CALL_HELP_PICK_UP_STOLEN_CARD Error.                        | Please Call Cashlez Support at 1500 539 |
| 38. | 250 | DECLINED Error                                                    | Please Call Cashlez Support at 1500 539 |
| 39. | 251 | INSUFFICIENT_FUND Insufficient Fund                               | Please check your account balance       |
| 40. | 252 | NO_CHEQUING_ACC No Cheque Acc                                     |                                         |
| 41. | 253 | NO_SAVING_ACC No Saving Acc                                       | Please contact bank                     |
| 42. | 254 | EXPIRED_CARD Expired Card                                         | input correct pin                       |
| 43. | 255 | INCORRECT_PIN Incorrect PIN                                       |                                         |
| 44. | 256 | NO_CARD_RECORD                                                    | Please use another card                 |

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|-----|-----|-----------------------------------------------------------------------------------------|-----------------------------------------|
|     |     | No Card Record                                                                          |                                         |
| 45. | 257 | TRX_NOT_PERMITTED Error.                                                                | Please Call Cashlez Support at 1500 539 |
| 46. | 258 | INVALID_TRX<br>Invalid Payment                                                          | Please try again                        |
| 47. | 259 | SUSPECTED_FRAUD Error.                                                                  | Please Call Cashlez Support at 1500 539 |
| 48. | 261 | ACTIVITY_AMT_LIMIT_EXCEED<br>Limit Exceeded                                             | Please Call Cashlez Support at 1500 539 |
| 49. | 262 | RESTRICTED_CARD Error.                                                                  | Please Call Cashlez Support at 1500 539 |
| 50. | 263 | SECURITY_VIOLATION<br>Security Violation                                                | Please Call Cashlez Support at 1500 539 |
| 51. | 264 | TRANSACTION_NOT_FULFILL_AMT_REQUIRE<br>D Error. Please Call Cashlez Support at 1500 539 | Please Call Cashlez Support at 1500 539 |
| 52. | 265 | ACTIVITY_COUNT_LIMIT_EXCEED Error.                                                      | Please Call Cashlez Support at 1500 539 |
| 53. | 268 | RESPONSE_RECEIVED_LATE Error.                                                           | Please Call Cashlez Support at 1500 539 |
| 54. | 270 | CARD_ISSUER Error.                                                                      | Please Call Cashlez Support at 1500 539 |
| 55. | 271 | PIN_NOT_CHANGED Error.                                                                  | Please Call Cashlez Support at 1500 539 |
| 56. | 275 | PIN_RETRIED_EXCEEDED<br>PIN Tries Exceeded                                              | Reset new password and call the bank    |
| 57. | 276 | ERROR_CALL_HELP_DC Error.                                                               | Please Call Cashlez Support at 1500 539 |
| 58. | 277 | RECONCILE_ERROR<br>Reconcile Error                                                      | Please Call Cashlez Support at 1500 539 |
| 59. | 278 | TRANSACTION_NUMBER_NOT_FOUND<br>Transaction Number Not Found                            | Please Call Cashlez Support at 1500 539 |
| 60. | 279 | BATCH_ALREADY_OPEN<br>Batch Already Open                                                | Please Call Cashlez Support at 1500 539 |

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| 61. | 280 | INVALID_DATE<br>Bad Batch Number                      | Please Call Cashlez Support at 1500 539 |
| 62. | 281 | CRYPTO_ERROR Error.                                   | Please Call Cashlez Support at 1500 539 |
| 63. | 282 | INCORRECT_CVV_ICVV Error.                             | Please Call Cashlez Support at 1500 539 |
| 64. | 283 | UNABLE_VERIFY_PIN Error.                              | Please Call Cashlez Support at 1500 539 |
| 65. | 284 | INCORRECT_CVV Error.                                  | Please Call Cashlez Support at 1500 539 |
| 66. | 285 | BATCH_NOT_FOUND Batch Not Found                       | Please Call Cashlez Support at 1500 539 |
| 67. | 286 | PIN_VALIDATION Error.                                 | Please Call Cashlez Support at 1500 539 |
| 68. | 287 | PURCHASE_AMOUNT_NOT_ALLOWED Error.                    | Please Call Cashlez Support at 1500 539 |
| 69. | 289 | BAD_TID Bad Terminal ID                               | Please Call Cashlez Support at 1500 539 |
| 70. | 290 | CRYPTOGRAPHIC Error.                                  | Please Call Cashlez Support at 1500 539 |
| 71. | 291 | ERROR_CALL_HELP_ISSUER_UNAVAIL Error                  | Please Call Cashlez Support at 1500 539 |
| 72. | 292 | ERROR_CALL_HELP_NO_DEST Error.                        | Please Call Cashlez Support             |
| 73. | 293 | ERROR_CALL_HELP_TRX_NOT_COMPLETE_VIOLATION_LAW Error. | Please Call Cashlez Support at 1500 539 |
| 74. | 294 | ERROR_CALL_HELP_DUPLICATED_TRX Error.                 | Please Call Cashlez Support at 1500 539 |
| 75. | 296 | ERROR_CALL_HELP_SE Error.                             | Please Call Cashlez Support at 1500 539 |
| 76. | 297 | ERROR_WRONG_KEY_TLE Error.                            | Please Call Cashlez Support at 1500 539 |
| 77. | 298 | ERROR_WRONG_BITMAP Error.                             | Please Call Cashlez Support at 1500 539 |
| 78. | 299 | UNKNOWN_ERROR Error.                                  | Please Call Cashlez Support at 1500 539 |
| 79. | 300 | UNPAID<br>Unpaid                                      | Please complete the transaction         |

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| 80. | 301 | AUTHORIZING<br>Authorizing | Continue action. |
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