**AOC Gateway API Specification**

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**B2M Technology**

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# 1. Get Token and Redirect URL

**Base URL**: [*rd.b2mwap.com*](file:///D:\Rayhan\Development\robi-dob\rd.b2mwap.com)

|  |  |  |
| --- | --- | --- |
| **API End Point Name** | **API End Point URL** | **HTTP Method** |
| Charging Request For get Token and Redirect URL | <base\_url>/api/getToken/ <service\_keyword>/<msisdn> | **GET** |

**Or,**

**Request Information,**

|  |  |
| --- | --- |
| **HTTP Method** | **POST** |
| **Request** | <base\_url>/api/getToken |

**Request Parameter,**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Usage** |
| keyword | This is a service keyword. | **(STRING) Mandatory** |
| msisdn | This is a phone number used for subscription. | **(STRING) Mandatory** |

**Response,**

|  |  |
| --- | --- |
| **Success Response** | “**status**": true,  "**errors**": false,  "**message**": "Token successfully fetched",  "**data**": {  "aocTransID": "TR\*\*\*\*\*\*\*\*\*\*",  "spTransID": "B2M\*\*\*\*\*\*\*\*",  "redirectURL":  "https://rd.b2mwap.com/api/redirect/TR\*\*\*\*\*\*\*\*\*\*"  } |
| **Error Response** | “**status**": false,  "**errors**": true,  "**message**": "msisdn and keyword are required",  "**data**": {  "msisdn": "required",  "keyword": "required"  } |

# 2. Redirect URL

|  |  |  |
| --- | --- | --- |
| **API End Point Name** | **API End Point URL** | **HTTP Method** |
| Get Robi Billing Page URL | <base\_url>/api/redirect/<aocTransID> | **GET** |

# 3. Redirect Based On Service Redirect URL

|  |  |  |
| --- | --- | --- |
| **API End Point Name** | **API End Point URL** | **HTTP Method** |
| Redirect URL | <service\_redirect\_url>?aocTransID=<aocTransID> | **GET** |

# 4. Get Charge Status Information

|  |  |  |
| --- | --- | --- |
| **API End Point Name** | **API End Point URL** | **HTTP Method** |
| ChargeStatus | <base\_url>/api/chargeStatus/<aocTransID> | **GET** |

**Response,**

|  |  |
| --- | --- |
| **Response** | “**status**": true,  "**errors**": false,  "**message**": "Charge status",  "**data**":  {  "transactionOperationStatus": "Charged",  "totalAmountCharged": "10.00",  "msisdn":"+60191234567”,  "chargeMode": "standard",  "clientCorrelator":"12345678901234567",  "errorCode": "00",  "errorMessage": ""  } |

**\*\*\*** **Please check on the error code list. If success, the error code will be “00”. If error, Explanation of the error in “errorMessage”.**

# 5. Cancel Subscription

|  |  |  |
| --- | --- | --- |
| **API End Point Name** | **API End Point URL** | **HTTP Method** |
| cancelSubscription | <base\_url>/api/ cancelSubscription /<spTransID>/<msisdn> | **GET** |

**Response,**

|  |  |
| --- | --- |
| **Response**  **(1st time)** | “**status**": true,  "**errors**": false,  "**message**": "Subscription cancelled Successfully",  "**data**":  {  "errorCode": "00",  "errorMessage": ""  } |
| **Response**  **(if already** **cancelled )** | “**status**": true,  "**errors**": false,  "**message**": " Subscription already cancelled. Please re-subscribe. ",  "**data**":  {  " spTransID ": "\*\*\*\*\*\*",  " msisdn ": "+8801\*\*\*\*\*\*\*\*\*\*\*"  } |

**\*\*\*** **Please check on the error code list. If success, the error code will be “00”. If error, Explanation of the error in “errorMessage”.**

# 6. Subscription Status

|  |  |  |
| --- | --- | --- |
| **API End Point Name** | **API End Point URL** | **HTTP Method** |
| subscriptionStatus | <base\_url>/api/subscriptionStatus/<spTransID>/<msisdn> | **GET** |

**Response,**

|  |  |
| --- | --- |
| **Response** | “**status**": true,  "**errors**": false,  "**message**": "Charge status",  "**data**":{  "subscriptionID": "s00001",  "subscriptionName": "100",  "status": "unsubscribed",  "msisdn": "+60109226185",  "expiryDate": "30-05-2018",  "errorCode": "00",  "errorMessage": ""  } |

**\*\*\*** **Please check on the error code list. If success, the error code will be “00”. If error, Explanation of the error in “errorMessage”.**

# 7. Subscription Renew

|  |  |  |
| --- | --- | --- |
| **API End Point Name** | **API End Point URL** | **HTTP Method** |
| renewSubscription | <base\_url>/api/renewSubscription/<spTransID>/<msisdn> | **GET** |

**Response,**

|  |  |
| --- | --- |
| **Response**  **(1st time)** | “**status**": true,  "**errors**": false,  "**message**": "Subscription Renewed Successfully",  "**data**":  {  "chargeMode": "standard",  "aocTransID": "TR\*\*\*\*\*\*\*",  "transactionOperationStatus": "Charged",  "totalAmountCharged": "3.00"  "errorCode": "00",  "errorMessage": ""  } |
| **Response**  **(if already** **cancelled )** | “**status**": true,  "**errors**": false,  "**message**": " Subscription already renewed. Please try again later.",  "**data**":  {  " spTransID ": "\*\*\*\*\*\*",  " msisdn ": "+8801\*\*\*\*\*\*\*\*\*\*\*"  "subscriptionID" : "B2M\*\*\*\*\*"  } |

**\*\*\*** **Please check on the error code list. If success, the error code will be “00”. If error, Explanation of the error in “errorMessage”.**

# 8. Working Flowchart

Fig: Workflow diagram

Cancel Subscription

Renew Subscription

Subscription Status

Subscription Successful

Redirect URL

Get Token