

Corporate BulkSMS API (v1.0)

1.1) SMS API

Request and Response

| TYPE | DESCRIPTION |
|-----------------|---|
| URL | https://corpsms.banglalink.net/bl/api/v1/smsapigw/ |
| Method | POST |
| Header | application/json |
| Sample Request | <pre>{ "username": "Corp1Corp12", "password": "Asdkj@4321", "apicode": "5", "msisdn": ["8801xxxxxxxxx"], "countrycode": "880", "cli": "Test", "messagetype": "1", "message": "TEST SMS", "clienttransid": "11111a1111b11", "bill_msisdn": "8801xxxxxxxxx", "tran_type": "T", "request_type": "S", "rn_code": "91" }</pre> |
| Sample Response | <pre>{ "statusInfo": { "statusCode": "1020", "errordescription": "Failure", "clienttransid": "11111a1111b11", "serverReferenceCode": "BL 20230118150251-01929024313-AT0000026-2071123096" } }</pre> |

Parameter Description

| PARAMETERS | PARAMETERS DESCRIPTION | DATA TYPE | DESCRIPTION |
|------------|------------------------|-----------|-------------|
|------------|------------------------|-----------|-------------|

| | | | |
|---------------|--|----------------------|--|
| username | <i>username</i> created at operator's platform | String(O) | Valid User name given by the administrator |
| password | <i>password</i> created at operator's platform | String(O) | Valid User name given by the administrator |
| apicode | <i>apicode</i> defines API functionality such as whether it's being used for sending SMS or CLI check or Balance check etc | String (M) | Possible Values: 5 - Send SMS with delivery receipt 6 - for SMS submit without delivery |
| msisdn | <i>msisdn</i> is actual end-user mobile number who will get SMS | String (M) | 019XXXXXXXX 019XXXXXXXX 014XXXXXXXX 017XXXXXXXX (Mobile Number Prefix with ZERO and comma separate and maximum limit is 999) |
| countrycode | Country Code | String (M) | Possible Values 880 For local SMS |
| cli | <i>cli</i> is masking address which need to be used as SMS senderid | String (M) | Valid CLI Ex: zzzzyyxxx |
| messagetype | <i>messagetype</i> defines whether it's English or Unicode SMS or Flash | String (M) | Possible Values: 1 for English Text 2 for English Flash 3 for Unicode (Bangla) Text 4 for Unicode (Bangla) Flash |
| message | <i>message</i> is actual SMS content | String (M) | Text message (text scripts) of the campaign |
| clienttransid | <i>clienttransid</i> is the unique transactionid from request initiator | String (M) | Possible Value: alphanumeric [This <i>clienttransid</i> should be unique in every API. Can't be reused for 5 minutes (configurable)] |
| bill_msisdn | <i>bill_msisdn</i> is the virtual MSISDN which is being used at operator's platform end during account creation | String (M) | Virtual MSISDN |
| tran_type | <i>tran_type</i> defines transaction typer. T-transactional and P-Promotional | String (M) | defines transaction type. T- Transactional and P- Promotional |
| request_type | <i>request_type</i> defines whether it's bulk or single | String (M) | Mention bulk or single |
| rn_code | <i>rn_code</i> to be passed by MNPSP after MNP-Dipping | String (M for Local) | 91 or Banglalink |

1.2) Check CLI API

Request and Response

| TYPE | DESCRIPTION |
|-----------------|---|
| URL | https://corpsms.banglalink.net/bl/ecmapigw/webresources/ecmapigw.v3 |
| Method | POST |
| Header | application/json |
| Sample Request | <pre>{ "username": "Enterprise_User", "password": "Ent@12345", "apicode": "2", "cli": "TESTCLI", "clienttransid": "11111a1111b11" }</pre> |
| Sample Response | <pre>{ "statusInfo": { "statusCode": "1000", "errordescription": "Success", "clienttransid": "11111a1111b11", "isAvailable": "true", "cli": "TESTCLI" } }</pre> |

Parameter Description

| PARAMETERS | PARAMETERS DESCRIPTION | DATA TYPE | DESCRIPTION |
|---------------|--|------------|--|
| username | <i>username</i> created at operator's platform | String (O) | Valid User name given by the administrator |
| password | <i>password</i> created at operator's platform | String (O) | Valid Password given by the administrator |
| apicode | <i>apicode</i> defines API functionality such as whether it's being used for sending SMS or CLI check or Balance check etc | String (M) | Possible Values: 2 - Check CLI |
| clienttransid | <i>clienttransid</i> is the unique <i>transactionid</i> from request initiator | String (M) | Possible Value is alphanumeric |
| cli | <i>cli</i> that needs to be checked | String(M) | |

1.3) Check Credit-Balance API

Request and Response

| TYPE | DESCRIPTION |
|-----------------|--|
| URL | https://corpsms.banglalink.net/bl/ecmapigw/webresources/ecmapigw.v3 |
| Method | POST |
| Header | application/json |
| Sample Request | <pre>{ "username": "Enterprise_User", "password": "Entp@1234", "apicode": "3", "clienttransid": "11111a1111b11" }</pre> |
| Sample Response | <pre>{ "statusInfo": { "statusCode": "1004", "errordescription": "Invalid Request", "clienttransid": "11111a1111b11", "availablebalance": null } }</pre> |

Parameter Description

| PARAMETERS | PARAMETERS DESCRIPTION | DATA TYPE | DESCRIPTION |
|---------------|--|------------|--|
| username | <i>username</i> created at operator's platform | String (O) | Valid User name given by the administrator |
| password | <i>password</i> created at operator's platform | String (O) | Valid Password given by the administrator |
| authToken | <i>authToken</i> created using getAuthToken API | String(O) | Valid authToken generated |
| apicode | <i>apicode</i> defines API functionality such as whether it's being used for sending SMS or CLI check or Balance check etc | String (M) | Possible Values: 3 For check credit balance |
| clienttransid | <i>clienttransid</i> is the unique transactionid from request initiator | String (M) | Possible Value is alphanumeric |

1.4) Delivery Report API

Request and Response

| TYPE | DESCRIPTION |
|------|-------------|
|------|-------------|

| | |
|-----------------|---|
| URL | https://corpsms.banglalink.net/bl/ecmapigw/webresources/ecmapigw.v3 |
| Method | POST |
| Header | application/json |
| Sample Request | <pre>{ "username": "Enterprise_User", "password": "Entp@12345", "apicode": "4", "msisdn": ["88019xxxxxxx"], "countrycode": "880", "cli": "TESTCLI", "messagetype": "1", "clienttransid": "11111a1111b11", "operatortransid": "BL 20230123122502-01929024313-AT0002319-2070111564" }</pre> |
| Sample Response | <pre>{ "statusInfo": { "statusCode": "1000", "errordescription": "Success", "clienttransid": "11111a1111b11", "deliverystatus": ["88017xxxxxxx-Delivered", "88018xxxxxxx-UnDelivered", "88019xxxxxxx-Delivery Pending"] } }</pre> |

Parameter Description

| PARAMETERS | PARAMETERS DESCRIPTION | DATA TYPE | DESCRIPTION |
|------------|---|------------|--|
| username | <i>username</i> created at operator's platform | String (O) | Valid User name given by the administrator |
| password | <i>password</i> created at operator's platform | String (O) | Valid Password given by the administrator |
| authToken | <i>authToken</i> created using getAuthToken API | String(O) | Valid authToken generated |

| | | | |
|-----------------|---|------------|---|
| apicode | <i>apicode</i> defines API functionality such as whether it's being used for sending SMS or CLI check or Balance check or Delivery status check etc | String (M) | Possible Values: 4 For Delivery report status |
| msisdn | <i>msisdn</i> is actual enduser mobile number for which delivery report is requested] [<i>clienttransid</i> is the unique transactionid from request initiator | String (M) | 019XXXXXXXXX, 019XXXXXXXXX, 018XXXXXXXXX 017XXXXXXXXX (Mobile Number Prefix with ZERO and comma separate and maximum limit is 999) |
| countrycode | Country Code | String (M) | Possible Values 880 For local SMS |
| cli | <i>cli</i> is masking address which need to be used as SMS senderid | String (M) | Valid CLI |
| messagetype | <i>messagetype</i> defines whether it's English or Unicode SMS | String (M) | Possible Values 1 for Text 3 for Unicode(Bangla) 2 for Flash |
| clienttransid | <i>clienttransid</i> defines unique transactionid | String (M) | Possible Value is alphanumeric |
| operatortransid | | String (M) | Transaction id which was sent to clients as a response while sending SMS (<i>clienttransid</i> In response of SMS API) |

1.5) Error Codes

Codes with description

| SL | Error Codes | Error Description |
|----|-------------|---|
| 1 | 1002 | Invalid Username |
| 2 | 1003 | Invalid Password |
| 3 | 1005 | Invalid Parameter - client transaction id is not unique, please use a unique one. |
| 4 | 1004 | Parameter missing - CLI not found |

| | | |
|----|------|----------------------------------|
| 5 | 1006 | CLI/Masking Invalid |
| 6 | 1011 | Duplicate Transaction ID |
| 7 | 1008 | Insufficient Balance |
| 8 | 1020 | Internal Server Error |
| 9 | 1007 | Account Barred |
| 10 | 1012 | Message length exceed |
| 11 | 1009 | DND User |
| 12 | 1000 | Success |
| 13 | 1013 | No Request found |
| 14 | 1010 | Invalid MSISDN |
| 15 | 1001 | IP Blacklist |
| 16 | 1014 | Delivery pending |
| 17 | 1015 | TPS Limit Exceeded |
| 18 | 1016 | Number Barred |
| 19 | 1017 | API is not allowed for user |
| 20 | 1018 | No Live Campaign |
| 21 | 1019 | Message body Invalid |
| 22 | 1050 | Allowed campaigns limit exceeded |
| 23 | 1051 | Allowed SMS quota is completed |