

```
{
  "status": "success",
  "data": {
    "access_token": "eyJhbGciOiJSUzI1NiIsInR5cCIgOiiA6ICJ4RWVxLW93QmVsYXkiOiJ0dAwNSwianRpIjoiZjU4MmQzMzAtODc5Mi00YWMyLTk3ZGQtNDZmYTtk1MzJhMjlkIiwiaXNzIjoiaHR0cDovLzEwLjM4Ljg0LjMwOjMwMjE1L2F1dGdvcmVhbG1zL21vYmljb25uZWNOIiwiaXYXVkIjoiaWYWNjb3VudCIsInN1YiI6ImRhZjExYmMwLTNmNjYtNDhiMy04MTA5LTlwM2U3MzRhbjIwNSIsInR5cCI6IkplYXJlciIsImF6cCI6Im1vYmljb25uZWNOLEwNSawVudCIsInNlc3Npb25fc3RhdGUoIjoiOWWrKZTR1Zi1lMjllL2QxMGGEtODk1Zi03YzNkNjk1ZTg0MmIiLCJyY3IiOiIxIiwicmVhbG1fYWNjaXNzIjp7InJvbGVzIjpbIknBT19DUKVBEVEFTUVTU0FHVRV9TQ0hFRFVMRSIsIkNBTL19SUUVXX1JPTEVTIIiwIQ0FOX1ZJRvdFTUVTU0FHVRV9URU1QTETURSIsIkNBTL19SUUVXX01FU1NBR0VfVEVNUeXBVEVTIIiwIQ0FOX0FDVELWQVRFX1NFTkRFUL19JRCIsIkNBTL19ERUFDElWQVRFX1VTRViILCJDQU5fVklFV19TRU5ERVJfSUQiLCJDQU5fRU5BQkxhFX1VTRVJTzh8vPXLvwdf5b4gRBswEFHFSVX91xYFj1Fa65xnCrLZOwHpBd38PvSqlVeBNgUny9GQ-V4e0DB8i2Hu9V4Q6S19-5q3JIX7b_BJXnZdw3_hT4fvmNJ60TdYvgtkOzdASNBoZH5dFP1R1KuknpzuP2PqcuMMCYir7g75A269ewYTgp6mFEem4Mv_C8CVT_jp7DEqkFHYWG4_3PdTYNZuwHweubx81ywaCM43Ou3tC_iRZQHULYEcvhsBs1HUKFWn60WFqh3xo2A",
    "expires_in": 3600,
    "refresh_expires_in": 1800,
    "refresh_token": "eyJhbGciOiJIUzI1NiIsInR5cCIgOiiA6ICJlNThtbmYmQ1Yi0yM2ZjLTQ1MGQtOWVINS01NmJjZGUwMzQ3NjEifQ.eyJleHAiOiJlMTcyNjk4MDUsIm1hdCI6MTYxNzI2ODAwNSwianRpIjoiZm4Ljg0LjMwOjMwMjE1L2F1dGdvcmVhbG1zL21vYmljb25uZWNOIiwiaXYXVkIjoiaWYWNjb3VudCIsInN1YiI6ImRhZjExYmMwLTNmNjYtNDhiMy04MTA5LTlwM2U3MzRhbjIwNSIsInR5cCI6IkplYXJlciIsImF6cCI6Im1vYmljb25uZWNOLEwNSawVudCIsInNlc3Npb25fc3RhdGUoIjoiOWWrKZTR1Zi1lMjllL2QxMGGEtODk1Zi03YzNkNjk1ZTg0MmIiLCJyY3IiOiIxIiwicmVhbG1fYWNjaXNzIjp7InJvbGVzIjpbIknBT19DUKVBEVEFTUVTU0FHVRV9TQ0hFRFVMRSIsIkNBTL19SUUVXX1JPTEVTIIiwIQ0FOX1ZJRvdFTUVTU0FHVRV9URU1QTETURSIsIkNBTL19SUUVXX01FU1NBR0VfVEVNUeXBVEVTIIiwIQ0FOX0FDVELWQVRFX1NFTkRFUL19JRCIsIkNBTL19ERUFDElWQVRFX1VTRViILCJDQU5fVklFV19TRU5ERVJfSUQiLCJDQU5fRU5BQkxhFX1VTRVJTzh8vPXLvwdf5b4gRBswEFHFSVX91xYFj1Fa65xnCrLZOwHpBd38PvSqlVeBNgUny9GQ-V4e0DB8i2Hu9V4Q6S19-5q3JIX7b_BJXnZdw3_hT4fvmNJ60TdYvgtkOzdASNBoZH5dFP1R1KuknpzuP2PqcuMMCYir7g75A269ewYTgp6mFEem4Mv_C8CVT_jp7DEqkFHYWG4_3PdTYNZuwHweubx81ywaCM43Ou3tC_iRZQHULYEcvhsBs1HUKFWn60WFqh3xo2A"
```

```
iaHR0cDovLzEwLjM4Ljg0LjMwOjMwMjE1L2F1dGgvcmVhbG1zL2l1vYmIjb25uZWNOIiwic3ViIjoizGFmMTFiYzAtM2Y2Ni00OGIzLTgxMDktMjAzZTczNGE2MjA1IiwidHlwIjoibWVmcmVzaCI6Im1vYmljb25uZWNOIiwuc29udGVzLnNpdjB25fc3RhdGUoOiJiOWRkZTRlZi1lMjliLTQxMGEtODk1Zi03YzNkNjk1ZTg0MmIiLCJyZ29wZSI6InByb2ZpbGUuZGlhaWwifQ.GfyFN4-Iet8zZ2_NPDbKPfFaEstITjYG_2T1TJEmodg",
    "token_type": "bearer",
    "id_token": null,
    "not-before-policy": 0,
    "session_state": "b9dde4ef-e29b-410a-895f-7c3d695e842b",
    "scope": "profile email"
},
"message": "Successfully authenticated the user"
}
```

The token generated here expires hourly and will be used as a header to send requests in the send message request.

Auth Token Refresh

This endpoint is used to refresh access token on expiry, instead of having to authenticate again using your creds. The response is the same as above.

URL: <https://lbttotal.mfs.co.ke/api/auth/refresh>

Method: **POST**

Sample Request body sent from Client:

```
{
  "refreshToken": "eyJhbGciOiJIUzI1NiIsInR5cCI6Ikp0eSI6ImF1dHUiwiaw2lkiA6ICJlbnThmYmQ1Yi  
OyM2ZjLTQ1MGQtOWVlNS01NmJjZGUwMzQ3NjEifQ.eyJleHAiOiJBMjcyODI3Nzc5SmlhdCI6MTYxNzI4  
MDk3NywiaWianRpIjoizMUMyYzYzMzctZWMM4Ni00YjcZLWJMnmMtZDZkMTIxODk2YmE1IiwiaXNzIjoiaHR0c  
DovLzEwLjM4Ljg0LjMwOjMwMjE1L2F1dGgvcmVhbG1zL21vYmljb25uZWNOIiwiaXVkbIjoiaHR0cDovLz  
EwLjM4Ljg0LjMwOjMwMjE1L2F1dGgvcmVhbG1zL21vYmljb25uZWNOIiwic3ViIjoizGFmMTFiYzAtM2Y  
2Ni00OGIzLTgxMDktMjAzZTczNGE2MjA1IiwidHIwIjoizUmVmcmVzaCIsImF6Ci6IM1vYmljb25uZWNO  
LWNsaWVudCIsInNlc3Npb25fc3RhduGuioiI2NmMxmzk1YS02ZFjLTRmNDatODU1Zi1hMjZkOTFlN2M4Z  
mIlLCJzY29wZSI6InByb2ZpbGUgZW1haWwifQ.3Yyo3rLUAWT0zEbK4N_AMh3RVh5rwFmqhAfFOt7mpPQ",
  "userName": "admin"
}
```

2. Sending SMS

This endpoint is used to send messages. It is secured using two keys, an access token generated from the endpoint documented above, and an appKey that is assigned to the client.

URL: **https://lbttotal.mfs.co.ke/api/communications/sms/sendMessage**

Method: **POST**

The **accessToken** and **appKey** are sent in the header as:

Authorization: Bearer {accessToken}

App-Key: {appKey}

Sample Request body sent from client:

```
{
  "message": "I want to send this message to the following numbers",
  "recipients": ["254XXXXXXXX", "254XXXXXXXX", "254XXXXXXXX"],
  "sourceId": 1
}
```

Sample Response received from API

```
{
  "status": "success",
  "data": [
    {
      "dateTimeCreated": 1617139133671,
      "ipAddress": "41.80.98.69",
      "id": 8,
      "message": "The last text message test",
      "recipient": "254725030939",
      "timeSent": 1617139133435,
      "status": null,
      "processedStatus": "NEW",
      "attempts": 0,
      "sentResponseStatus": "200 OK"
    }
  ],
  "message": "Sms scheduled successfully!"
}
```