

Samples

a sample of a successful request containing a single message.

Request:

```
<?xml version="1.0" encoding="UTF-8"?>
<send user="username" password="password" notify="http://myserver.co.za/notify.php" reply="http://myserver.co.za/reply.php" concatenate="2" validity="48h">
<message to="+2780000000" uid="165951735">Test message</message>
</send>
```

Response:

```
<?xml version="1.0"?>
<send-response credits="1.000000" available-credits="993286.320000" status="0" messages="1">
<message from="+2782000000091649" to="+27820000000" status="0" uid="165951735" credits="1.000000" reference="35344383"/>
</send-response>
```

Delivery notification posted to <http://myserver.co.za/notify.php>

```
<?xml version="1.0"?>
<deliver user="username">
<message to="+27820000000" from="+2782000000091649" reference="35344383" status="3" reason="DELIVERED" delivered="2016-08-04 15:03:54" uid="165951735"
type="TEXT"/>
</deliver>
```

Reply message posted to <http://myserver.co.za/reply.php>

```
<?xml version="1.0"?>
<receive>
<message to="+2782000000091649" from="+27820000000" created="2016-08-04 15:03:52" options="" type="text" uid="165951735">Yes</message>
</receive>
```

Sending multiple message, each with it's own message text

Request:

```
<?xml version="1.0" encoding="UTF-8"?>
<send user="username" password="password" notify="http://myserver.co.za/notify.php" reply="http://myserver.co.za/reply.php" concatenate="2" validity="48h">
<message to="+27820000000" uid="53580267">Test message to user1 using the HTTP Protocol</message>
<message to="+27830000000" uid="710072999">Test message to user2 using the HTTP Protocol</message>
</send>
```

Response:

```
<?xml version="1.0"?>
<send-response credits="1.000000" available-credits="993285.320000" status="0" messages="1">
<message from="+2782000000075282" to="+27820000000" status="0" uid="53580267" credits="1.000000" reference="35347646"/>
<message to="+27830000000" status="10005" uid="710072999" error="NO VALID ROUTING ENTRY"/>
</send-response>
```

Sending a message without a reply destination

Request:

```
<?xml version="1.0" encoding="UTF-8"?>
<send user="username" password="password" from="808081" concatenate="2" validity="48h">
<message to="+27820000000" uid="460882792">Test message to user using the HTTP Protocol</message>
</send>
```

Response:

```
<?xml version="1.0"?>
<send-response credits="1.000000" available-credits="993277.320000" status="0" messages="1">
<message from="+2782000000082635" to="+27820000000" status="0" uid="460882792" credits="1.000000" reference="35634878"/>
</send-response>
```

Reading the reply using the API call instead of a postback to a URL

Request:

```
<?xml version="1.0" encoding="UTF-8"?>
<receive user="username" password="password"/>
```

Response:

```
<?xml version="1.0"?>
<receive>
<message to="+2782000000082635" from="+27820000000" created="2016-08-18 14:45:50" options="" type="text" uid="460882792">My reply</message>
</receive>
```

NOTE: The received reply will have the same uid as the original outgoing message

Sending multiple message, each with the same message text

Request:

```
<?xml version="1.0" encoding="UTF-8"?>
<send user="lester" password="y6dhd8dg" notify="http://myserver.co.za/notify.php" reply="http://myserver.co.za/reply.php" concatenate="2" validity="48h"><![CDATA[The bulk
message to be sent to a list of numbers]]>
<message to="+27820000000" uid="355656545-809366260"/>
<message to="+27830000000" uid="1106588375-1990698016"/>
</send>
```

Response:

```
<?xml version="1.0"?>
<send-response credits="1.000000" available-credits="993284.320000" status="0" messages="1">
<message from="+2782000000055573" to="+27820000000" status="0" uid="355656545-809366260" credits="1.000000" reference="35347765"/>
<message to="+27830000000" status="10005" uid="1106588375-1990698016" error="NO VALID ROUTING ENTRY"/>
</send-response>
```

Error samples:

Invalid username or password

```
<?xml version="1.0"?>  
<send-response status="10001" error="authentication failed"/>
```

Invalid destination number(s)

```
<?xml version="1.0"?>  
<send-response credits="0.000000" available-credits="993286.320000" status="0" messages="0">  
<message to="+2337825643252" status="10004" uid="1138936025-2036703024" error="UNKNOWN DESTINATION ADDRESS +2337825643252"/>  
</send-response>
```

Insufficient funds

```
<?xml version="1.0"?>  
<send-response credits="1.000000" available-credits="0.320000" status="0" messages="0">  
<message from="+2782000000063700" to="+278200000000" status="10006" uid="854009612-2024358835" error="INSUFFICIENT FUNDS AVAILABLE"/>  
</send-response>
```

No routing entry for network

```
<?xml version="1.0"?>  
<send-response credits="0.000000" available-credits="0.320000" status="0" messages="0">  
<message to="+278300000000" status="10005" uid="31178283-1187131183" error="NO VALID ROUTING ENTRY"/>  
</send-response>
```

No to (destination) value specified

```
<?xml version="1.0"?>
<send-response credits="0.000000" available-credits="0.320000" status="0" messages="0">
<message to="" status="10003" uid="1184867427-1474749749" error="NO DESTINATION ADDRESS"/>
</send-response>
```

Return codes:

Name	Value	Description
ERR_TECHNICAL	10000	Technical error on message server
ERR_AUTHENTICATION	10001	Invalid user or password
ERR_NO_DESTINATION_ADDR	10003	No number specified
ERR_INV_DESTINATION_ADDR	10004	Invalid number
ERR_NO_VALID_ROUTING_ENTRY	10005	Unable to route the specified number ERR_INSUFFICIENT_FUNDS 10006 Insufficient funds available

Status values for delivery notifications

The possible values for delivery notifications are

- 3 - DELIVERED
- 4 - SUBMITERROR
- 5 - DELIVERERROR
- 8 - CANCELED