



API Admin Interface

Ref. 16021901 - Multi-Account Management.

February 19, 2016 v1.2

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1 Introduction

This document is based on the LabsMobile API Admin Interface. It is designed for technicians and clients that wish to manage multi-accounts in the LabsMobile platform. The purpose of integrating is the creation of accounts, balance modification and the status management of these accounts.

This document contains a detailed explanation of the integration process. If you have any questions or need examples of code, please contact your usual LabsMobile agent or contact us at:

support@labsmobile.com

www.labsmobile.com

2 Sending commands

2.1 Required information

For the integration with the API Admin HTTP Interface the following information provided by LabsMobile is essential:

- Username and password (shown on the registration e-mail)
- Specific URL for each command.

IMPORTANT: The account must have been enabled and configured to support user multi-accounts. Otherwise the following operations generate the corresponding errors.

2.2 HTTP/POST call

Sending commands is done with HTTP / POST calls to a URL in the following format:

```
http://api.labsmobile.com/admin/cmd/cmd_<command>.php
```

The HTTP/POST call must be authenticated as detailed below and must also contain a POST variable called '*XmlData*' in XML format that should contain all those parameters of the command.

2.3 XML format

The content and parameters of the call must send in a HTTP/POST variable called '*XmlData*' in XML format: `$_POST['XmlData'] = '<sms>...'`

The POST variable '*XmlData*' must be codified in UTF-8 charset.

La variable POST '*XmlData*' debe estar codificada en UTF-8. Likewise all the answers and messages sent from the LabsMobile platform will be coded with the same character set (UTF-8).

This is an example of XML format to create a new account:

```
<?xml version="1.0" encoding="UTF-8"?>
<cmd>
  <login>testing@test.com</login>
  <pwd>AjkQK4Iwfr</pwd>
</cmd>
```

2.4 Autenticación

The authentication method used is specified by the standard IETF RFC 2717. The platform verifies all calls to the API Admin Interface before processing the command.

Both the username (username) and password must correspond with the administration account. These authentication data must be sent in the header of the HTTP request. Errors from incorrect authentication are described below.

Code example in PHP:

```
$ch = curl_init($url);
curl_setopt($ch, CURLOPT_HTTPAUTH, CURLAUTH_BASIC);
curl_setopt($ch, CURLOPT_USERPWD, $username.':'.$password);
curl_setopt($ch, CURLOPT_POST, true);
curl_setopt($ch, CURLOPT_POSTFIELDS, 'XmlData='.$sms);
curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
curl_setopt($ch, CURLOPT_HEADER, true);
curl_setopt($ch, CURLOPT_TIMEOUT, 15);
$result = curl_exec($ch);
```

2.5 Reply or error messages

Every request or HTTP call will be verified by the messaging platform. A HTTP status code and a XML message corresponding to the result of the verification code will be returned.

This is the format of the XML message in response to any command:

```
<?xml version="1.0" encoding="UTF-8"?>
<response>
  <code>[Numeric code]</code>
  <message>[Description]</message>
</response>
```

This is the complete list of response codes:

Code	Description
0	Message has been successfully sent
130	Internal error
141	POST field XmlData not found
142	Error getting XML format from XmlData
143	Parameter login not found in XML
144	Parameter pwd not found in XML
145	Parameter messages not found in XML
146	Parameter status not found in XML
147	Trying to update a non-existing account
148	Not enough credits to perform the adding command
150	Trying to create an account with existing username
151	Incorrect username or password
152	Authentication parameters not found

3 Createaccount command

This command allows you to create an account within the LabsMobile platform and managed by the administrator account running this call.

URL: https://api.labsmobile.com/admin/cmd/cmd_createaccount.php

3.1 Parameters

Name	Description
login	Required. Username of the new account. This user name can be used to access the WebSMS application and the API.
pwd	Required. Password for the new account.

3.2 XML example and code

This is an example of the XML that a call to the command createaccount must contain.

```
<?xml version="1.0" encoding="UTF-8"?>
<cmd>
  <login>newaccount@test.com</login>
  <pwd>hteRW42w</pwd>
</cmd>
```

The corresponding PHP code is:

```
$url = 'https://api.labsmobile.com/admin/cmd/cmd_createaccount.php';

$ch = curl_init($url);

curl_setopt($ch, CURLOPT_HTTPAUTH, CURLAUTH_BASIC);
curl_setopt($ch, CURLOPT_USERPWD, 'test@test.com:pwd_test');
curl_setopt($ch, CURLOPT_POST, true);
curl_setopt($ch, CURLOPT_POSTFIELDS,
'XmlData=<cmd><login>newaccount@test.com</login><pwd>hteRW42w</pwd></cmd>');
curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
curl_setopt($ch, CURLOPT_HEADER, true);
curl_setopt($ch, CURLOPT_TIMEOUT, 15);

$result = curl_exec($ch);
echo $result;
curl_close($ch);
```

4 Addbalance command

This command allows you to add or subtract credits to a subaccount controlled by the administrator account running this call.

URL: https://api.labsmobile.com/admin/cmd/cmd_addbalance.php

4.1 Parameters

Name	Description
login	Required. Username of the account you want to modify credits.
messages	Required. Number of credits to add or subtract to the account.

4.2 XML example and code

This is an example of the XML that a call to the command addbalance must contain.

```
<?xml version="1.0" encoding="UTF-8"?>
<cmd>
  <login>newaccount@test.com</login>
  <messages>30</messages>
</cmd>
```

The corresponding PHP code is:

```
$url = 'https://api.labsmobile.com/admin/cmd/cmd_addbalance.php';

$ch = curl_init($url);

curl_setopt($ch, CURLOPT_HTTPAUTH, CURLAUTH_BASIC);
curl_setopt($ch, CURLOPT_USERPWD, 'test@test.com:pwd_test');
curl_setopt($ch, CURLOPT_POST, true);
curl_setopt($ch, CURLOPT_POSTFIELDS,
'XmlData=<cmd><login>newaccount@test.com</login><messages>30</messages></cmd>');
curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
curl_setopt($ch, CURLOPT_HEADER, true);
curl_setopt($ch, CURLOPT_TIMEOUT, 15);

$result = curl_exec($ch);
echo $result;
curl_close($ch);
```

5 Statusaccount command

This command enables to modify the status of an account controlled by the administrator account running this call.

URL: https://api.labsmobile.com/admin/cmd/cmd_statusaccount.php

5.1 Parameters

Name	Description
login	Required. Username of the account you want to modify the status.
status	Required. Numeric field with the final status of the account. These are the possible values: <i>0: Disable account</i> <i>1: Enable account</i> <i>2: Delete account</i>

5.2 XML example and code

This is an example of the XML that a call to the command statusaccount must contain.

```
<?xml version="1.0" encoding="UTF-8"?>
<cmd>
    <login>newaccount@test.com</login>
    <status>0</status>
</cmd>
```

The corresponding PHP code is:

```
$url = 'https://api.labsmobile.com/admin/cmd/cmd_statusaccount.php';

$ch = curl_init($url);

curl_setopt($ch, CURLOPT_HTTPAUTH, CURLAUTH_BASIC);
curl_setopt($ch, CURLOPT_USERPWD, 'test@test.com:pwd_test');
curl_setopt($ch, CURLOPT_POST, true);
curl_setopt($ch, CURLOPT_POSTFIELDS,
'XmlData=<cmd><login>newaccount@test.com</login><status>0</status></cmd>');
curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
curl_setopt($ch, CURLOPT_HEADER, true);
curl_setopt($ch, CURLOPT_TIMEOUT, 15);

$result = curl_exec($ch);
echo $result;
curl_close($ch);
```