Creating New Line

To create a New line, we will call the following URL.

```
http://dns:port/api.php?action=user&sub=create
```

The above URL, accepts the POST action, and to create a new line we will have to specify some arguments in an array called **user_data**

Example Code:

```php
PHP:

<?php

$panel_url = 'http://DNS:PORT/';
$username = 'test_username';
$password = 'test_password';
$max_connections = 1;
$reseller = 1;
$bouquet_ids = array(
    1,
    2,
    3 );
$expire_date = strtotime( "+1 month" );

################################################################################
$post_data = array( 'user_data' => array(
        'username' => $username,
        'password' => $password,
        'max_connections' => $max_connections,
        'is_restreamer' => $reseller,
        'exp_date' => $expire_date,
        'bouquet' => json_encode( $bouquet_ids ) ) );

$opts = array( 'http' => array(
        'method' => 'POST',
        'header' => 'Content-type: application/x-www-form-urlencoded',
        'content' => http_build_query( $post_data ) ) );

$context = stream_context_create( $opts );
$api_result = json_decode( file_get_contents( $panel_url . "api.php?action=user&sub=create", false, $cont

?>
```

If you leave the username and/or password elements empty, the system will generate random characters for these 2 fields. In addition, leaving any field empty, api will use the default value for this field according to SQL Database. So theoretically, you can make a line with just Calling the Above URL, without any parameter, however the created user, wont have any bouquets inside.

You can call any other element that is in the database like

- member_id
- admin_enabled
- enabled
- allowed_ips
- allowed_ua
- force_server_id
- is_isplock
- admin_notes
- and so on...

If you want to set the **allowed_ips/allowed_ua** since this is a JSON Encoded format you can do it like bouquet in the above Code.

The API will return a simple json encoded string that upon decoding will contain the element **result which returns true/false.**

Example(API Success)

```
JSON:

{"result":true,"created_id":14838,"username":"d4PSc5uCqF","password":"2ZiuRRZk4b"}
```

The API returned as the username/password of the NEW line, as well as the ID so we can use it wherever we want.

Example(API Failed)

```
JSON:

{"result":false,"error":"EXISTS"}
{"result":false,"error":"PARAMETER ERROR"}
```

- **EXISTS**
  The Username you specified already exists in the database
- **PARAMETER ERROR**
  You wrote invalid characters in your user_data array

Editing Line

To procedure to edit a line is very similar to the above. The URL we will call this time is

```
http://dns:port/api.php?action=user&sub=edit
```

REQUIRED PARAMETERS

- username
- password

OPTIONAL PARAMETERS

- user_data array

For example if we want to Edit the Expire Date, make the line restreamer and adjusting the max connections to 10 we will do it like this:

```php
PHP:

<?php

$panel_url = 'http://DNS:PORT/';
$username = 'test_username';
$password = 'test_password';
$max_connections = 10;
$reseller = 1;
$expire_date = strtotime( "+1 month" ); //from the time now, not from line's expire date.

########################################################################
$post_data = array(
    'username' => $username,
    'password' => $password,
    'user_data' => array(
        'max_connections' => $max_connections,
        'is_restreamer' => $reseller,
        'exp_date' => $expire_date ) );

$opts = array( 'http' => array(
```

```
        'method' => 'POST',
        'header' => 'Content-type: application/x-www-form-urlencoded',
        'content' => http_build_query( $post_data ) ) );

$context = stream_context_create( $opts );
$api_result = json_decode( file_get_contents( $panel_url . "api.php?action=user&sub=edit", false, $conte

?>
```

In the above example, we will edit the **max_connections**, **is_restreamer** and **exp_date** for our line with username **test_username**, and password **test_password** that already exists in our database.

Example(API Success)

```
JSON:

{"result":true}
```

Example(API Failed)

```
JSON:

{"result":false,"error":"NOT EXISTS"}
{"result":false,"error":"PARAMETER ERROR"}
{"result":false,"error":"PARAMETER ERROR (user\/pass)"}
```

- **NOT EXISTS**
  The Username / Password you specified are not exists in the database
- **PARAMETER ERROR**
  You wrote invalid characters in your user_data array
- **PARAMETER ERROR (user/pass)**
  The Username OR/AND Password elements are missing

View Line Information

With this API call, we will get all the information available about our line including the active connections.

The URL we will call this time is

```
http://dns:port/api.php?action=user&sub=info
```

REQUIRED PARAMETERS

- username
- password

It will return a JSON Encoded string, with all information that you might want.

Example Code:

```
PHP:

$panel_url = 'http://DNS:PORT/';
$username = "username";
$password = "passwrd";


###########################################################################
$post_data = array( 'username' => $username, 'password' => $password );
$opts = array( 'http' => array(

        'method' => 'POST',
        'header' => 'Content-type: application/x-www-form-urlencoded',
```

```php
                                      'content' => http_build_query( $post_data ) ) );

$context = stream_context_create( $opts );
$api_result = json_decode( file_get_contents( $panel_url . "api.php?action=user&sub=info", false, $contex

if ( $api_result['result'] )
{
    echo "Active Connections (Now): " . $api_result['user_info']['active_cons'];
    echo "\nCurrent Expire Date: " . (( empty( $api_result['user_info']['exp_date'] ) ) ? 'Unlimited' : $
    echo "\nMax Connections: " . $api_result['user_info']['max_connections'];
    echo "\nAvailable Channel IDs: " . implode( ',', $api_result['user_info']['channel_ids'] );
}
else
    echo 'FAILED';
```

Create/Edit & View Information on MAG Devices

The procedure is almost the same as creating/editing & view info on a user line. The only difference is that instead of calling the user action, we will the stb action. Of course instead of username/password we will just have the mac parameter.

Example API Call To Create New MAG

```
http://dns:port/api.php?action=stb&sub=create
```

REQUIRED PARAMETERS

- user_data[mac]

```php
PHP:

<?php

$panel_url = 'http://DNS:PORT/';
$mac = '00:1A:79:79:79:79';
$bouquet_ids = array(
    1,
    2,
    3 );
$expire_date = strtotime( "+1 month" );

###########################################################################
$post_data = array( 'user_data' => array(
        'mac' => $mac,
        'exp_date' => $expire_date,
        'bouquet' => json_encode( $bouquet_ids ) ) );

$opts = array( 'http' => array(
        'method' => 'POST',
        'header' => 'Content-type: application/x-www-form-urlencoded',
        'content' => http_build_query( $post_data ) ) );

$context = stream_context_create( $opts );
$api_result = json_decode( file_get_contents( $panel_url . "api.php?action=stb&sub=create", false, $conte
print_r($api_result);

?>
```

Example(API Success)

```
JSON:
```

```json
{"result":true}
```

Example(API Failed)

JSON:

```json
{"result":false,"error":"NOT EXISTS"}
{"result":false,"error":"PARAMETER ERROR"}
{"result":false,"error":"PARAMETER ERROR (mac)"}
```

- **EXISTS**
  The MAC already exists in the database
- **PARAMETER ERROR**
  You wrote invalid characters in your user_data array
- **PARAMETER ERROR (mac)**
  The MAC Parameter was missing

Example API Call To Edit a MAG Device

```
http://dns:port/api.php?action=stb&sub=edit
```

REQUIRED PARAMETERS

- mac

```php
PHP:

<?php

$panel_url = 'http://DNS:PORT/';
$mac = '00:1A:79:79:79:79';
$bouquet_ids = array(
    1,
    2,
    3 );
$expire_date = strtotime( "+1 month" );

############################################################################
$post_data = array( 'mac' => $mac, 'user_data' => array( 'exp_date' => $expire_date, 'bouquet' => json_er

$opts = array( 'http' => array(
        'method' => 'POST',
        'header' => 'Content-type: application/x-www-form-urlencoded',
        'content' => http_build_query( $post_data ) ) );

$context = stream_context_create( $opts );
$api_result = json_decode( file_get_contents( $panel_url . "api.php?action=stb&sub=edit", false, $context
?>
```

Example(API Success)

JSON:

```json
{"result":true}
```

Example(API Failed)

JSON:

```
{"result":false}
{"result":false,"error":"PARAMETER ERROR"}
{"result":false,"error":"PARAMETER ERROR (mac)"}
```

- **no error**
  The updated information, are the same as in the database, so no action taken.
- **PARAMETER ERROR**
  You wrote invalid characters in your user_data array
- **PARAMETER ERROR (mac)**
  The MAC Parameter was missing

View Information MAG Device

```
http://dns:port/api.php?action=stb&sub=info
```

REQUIRED PARAMETERS

- mac

It will return a JSON Encoded string, with all information that you might want.

Example Code:

```php
PHP:

<?php

$panel_url = 'http://DNS:PORT/';
$mac = '00:1A:79:79:79:79';


##########################################################################
$post_data = array( 'mac' => $mac);
$opts = array( 'http' => array(
        'method' => 'POST',
        'header' => 'Content-type: application/x-www-form-urlencoded',
        'content' => http_build_query( $post_data ) ) );

$context = stream_context_create( $opts );
$api_result = json_decode( file_get_contents( $panel_url . "api.php?action=stb&sub=info", false, $context


if ( $api_result['result'] )
{
    echo "Active Connections (Now): " . $api_result['user_info']['active_cons'];
    echo "\nCurrent Expire Date: " . ( ( empty( $api_result['user_info']['exp_date'] ) ) ? 'Unlimited' :
    echo "\nMax Connections: " . $api_result['user_info']['max_connections'];
    echo "\nAvailable Channel IDs: " . implode( ',', $api_result['user_info']['channel_ids'] );
}
else
    echo 'FAILED';

?>
```