

API-N provides a direct connection to a user's account. It requires the Username and Password of the user to connect and execute all the possible commands.

```
http://orgds.org/api?username=XXXXXXXX&password=XXXXXXXX&cmd=send&message=MESSAGE&recipient=23480xxxxxxxx,23470xxxxxxxx,23490xxxxxxxx&sender=SenderID&type=0&route=1&display=plain
```

To send a message using OrgDS API-N, the required parameters that must be submitted to the Base URL are cmd (whose value is equal to **send**) username, password, message, recipients, and sender.

Parameters and Descriptions

Schedule Message

To schedule a message for delivery in the future, add schedule variable to the HTTP request and set its value to a datetime in the format YYYY-MM-DD HH:MM

```
http://orgds.org/api?username=XXXXXXXX&password=XXXXXXXX&cmd=send&message=MESSAGE&recipient=23480xxxxxxxx,23470xxxxxxxx,23490xxxxxxxx&sender=SENDERID&type=0&route=1&schedule=2019-06-20 22:10
```

Sample API-N Message Submission PHP Code

```
<?php
//cURL function that sends either HTTP POST or HTTP GET request
function postData($baseurl, $dataArray = array(), $httpmethod = 'post')
{
    $buildData = http_build_query($dataArray);
    $ch = curl_init();
    if (strtolower($httpmethod)=='get') {
        $geturl = $baseurl.'?'.$buildData;
        curl_setopt($ch, CURLOPT_URL, $geturl);
    }
    else{
        curl_setopt($ch, CURLOPT_URL, $baseurl);
        // Enable the post response
    }
}
```

```
        curl_setopt($ch, CURLOPT_POST, true);
        // The data to transfer with the response
        curl_setopt($ch, CURLOPT_POSTFIELDS, $buildData);
    }
    curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
    $response = curl_exec($ch);
    curl_close($ch);
    return $response;
}
```

```
//Send a message via API-N
//receive form data
if(isset($_REQUEST['message'])) {
    $username = 'username';
    $password = 'password';
    $cmd = "send";
    $message = "This is a sample message content.";
    $recipient =
"234803xxxxxxx,44702xxxxxxx,01703xxxxxxx,234903xxxxxxx";
    $sender = "SenderID";
    $type = 0;
    $route = 2;
    $display = "json";//maybe plain or json or xml
    //set API base URL
    $baseurl = "https://orgds.org/api";
    //convert message data to array
    $dataArray = array(
        'cmd' => $cmd,
        'username' => $username,
        'password' => $password,
        'recipient' => $recipient,
        'sender' => $sender,
        'message' => $message,
        'type' => $type,
        'route' => $route,
        'display' => $display
    );
}
```

```
//process message sending
// $httpmethod value maybe either post or get
$reply = postData($baseurl, $dataArray,$httpmethod = 'post');
/*
    * $reply stores the response gotten from the API
    * The response format is determined by the value supplied to
the display variable, which maybe plain or json or xml.
    * The default response format is plain text.
    * See the response codes and formats in the documentation
*/
}

?>
```

Response Formats

After a message has been successfully sent, a reply will be returned based on the given display format. Available response formats are explained below.

Plain Response Format

600: Message sent/scheduled successfully

Plain text response shows only a response code and its description. Other formats described below show detailed information about the message. [See possible response messages and error codes here.](#)

JSON Response Format

```
{
    "responseCode":600,
    "info":"Message sent\/scheduled successfully",
    "smsPages":1,
    "recipients":"234802xxxxxxx,234903xxxxxxx,234705xxxxxxx",
```

```
"msgRoute": "BasicPlus",
"msgType": "Plain",
"basicNumbers": "234802xxxxxxx",
"corporateNumbers": "234903xxxxxxx,234705xxxxxxx",
"unitsBefore": "61.65",
"unitsUsed": "4.70",
"creditBalance": 56.95,
"messageId": "c73bb503634c1475b0c04813aca62bcd"
}
```

XML Response Format

```
<message>
  <responseCode>600</responseCode>
  <info>Message sent/scheduled successfully</info>
  <smsPages>1</smsPages>
  <recipients>234802xxxxxxx,234903xxxxxxx,234705xxxxxxx</recipients>
  <msgRoute>BasicPlus</msgRoute>
  <msgType>Plain</msgType>
  <basicNumbers>234802xxxxxxx</basicNumbers>
  <corporateNumbers>234903xxxxxxx,234705xxxxxxx</corporateNumbers>
  <unitsBefore>61.65</unitsBefore>
  <unitsUsed>4.70</unitsUsed>
  <creditBalance>56.95</creditBalance>
  <messageId>c73bb503634c1475b0c04813aca62bcd</messageId>
</message>
```