

**Summary, modification and statistics**

**Rest MassiveMail:**

**Consumer Guide  
Web Service**



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- This document explains the process of making changes to existing mass messages, obtaining the summary of one or more sending and obtaining statistics of one of them.

#### Definitions

- **Endpoint:** The complete address that includes a base URL plus the required parameters (required or optional) for execution.
- **URL Base:** The root address for the use of Web Services.

This Web Service is equipped with the following methods:

**GET method:** Used to perform the authentication **ping**, to **obtain information** associated with one or more mass sending and to obtain **statistics** associated with one of them.

<https://rest.masterbase.com/massivemail/v1/>

**PUT method:** Used to update a message **not sent**.

Each execution of a Web Service produces:

- Result code: Response
- The RESPONSE code represents the result of the execution :
  - 200: Satisfactory result
  - 400: Problem in execution
  - 500: Problem in service (internal)

#### Payload:

- This is the information attached to the so-called Web Service, necessary for the action being performed.

## Web Service MassiveMail REST:

- To **modify** mass sending, the **PUT** method must be used.
- **Update** of prior sending

### The endpoints are:

<https://rest.masterbase.com/massivemail/v1/{Cliente}>

Where:

Client	Client's Account Name	Required parameter
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- Use valid credentials for the Web Service. For this particular service, these are API Credentials created on the R4 platform.
- For this method it is necessary to include a XML / JSON structure in the PAYLOAD, as described below.

## Update sending without template

### Input data

- **SubCategoryID:** Subcategory identifier, numeric type attribute, optional.
- **Type:** Only accepts "Standard" or "Dynamic" values, mandatory attribute.
- **ID:** Numeric identifier of sender, optional attribute.
- **ListID:** Identifier of the contact list to be sent, mandatory attribute.
- **FilterType:** Only accepts "Static", "Dynamic" or "Newsletter" values, mandatory attribute.
- **Ids:** List of identifiers associated with the selected filter. Only the Newsletter (bulletin) type filter allows multiple identifiers. Required field.
- **Format:** Only accepts "html" or "text" values, mandatory attribute.
- **Now:** Only accept "true" or "false" values, assumes true value by default.
- **OpenTracking:** Only accepts "true" o "false" values, optional attribute.
- **ClickTracking:** Only accepts "true" o "false" values, optional attribute.
- **Enable:** Only accepts "true" o "false" values, optional attribute.

### Important:

- A message generated **without template, cannot be changed** into a message with a template; only the previously displayed attributes can be changed in a message without template.
- Only normal type credentials can enable a submission.



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## XML structure example:

```
<MassiveMail>
  <GeneralData Classification="T">
    <MailId>11111</MailId>
    <SubCategoryId>2</SubCategoryId>
  </GeneralData>
  <From Id="1" Type="Standard"/>
  <To FilterType="Newsletter" ListId="1">
    <Ids>
      <Id>1</Id>
    </Ids>
  </To>
  <Message>
  </Message>
  <Options>
    <SendDate Now="false">2016-10-25T21:11:48.533</SendDate>
    <OpenTracking>true</OpenTracking>
    <ClickTracking>true</ClickTracking>
    <Enable>true</Enable>
  </Options>
</MassiveMail>
```



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## JSON structure example:

```
{
  "GeneralData" : {
    "MailId" : "1111111",
    "SubCategoryId" : "64"
  },
  "From" : {
    "Type" : "Dynamic",
    "Id" : "74"
  },
  "To" : {
    "Ids" : ["437"],
    "ListId" : "1",
    "FilterType" : "Dynamic"
  },
  "Message" : {
    },
    " Options " : {
    " SendDate " : {
    " Now " : " false ",
    " Value " : "2016-11-05T14:11:48"
    },
    " OpenTracking " : "true",
    " ClickTracking " : "true",
    " Enable " : "true"
    }
  }
}
```



## RESULT:

The result (if successful), will reflect the following structure:

```
{
  "Service" : "MassiveMail",
  "Version" : "1.0.2.0",
  "TransactionId" : "d9b963de5ae2407c9e337ef5726e1ad0",
  "Status" : {
    "Code" : "200",
    "Value" : "OK"
  },
  "MailId" : {
    "AccountStatus" : "T",
    "Value" : "76699"
  }
}
```



## Input data

- **Sub Category ID:** Subcategory identifier, numeric type attribute, optional.
- **Based on Type:** Only accept the "template" value, a mandatory attribute to generate sending with template.
- **Based on ID:** Template identifier, mandatory attribute for generating sending with template.
- **From Type:** Only accepts "Standard" or "Dynamic" values, mandatory attribute.
- **From ID:** numeric identifier sender, mandatory attribute
- **List Id:** Identifier of the contact list to be sent, mandatory attribute.
- **Filter Type:** Only accepts "Static", "Dynamic" or "Newsletter" values, mandatory attribute.
- **IDs:** List of identifiers associated with the selected filter. Only the Newsletter (bulletin) type filter allows multiple identifiers. Obligatory field.
- **Subject:** Message subject, text, mandatory attribute.
- **Format:** Only accepts "html" or "text" values, a mandatory attribute.
- **Now:** Only accept "true" or "false" values, assumes true value by default.
- **Open Tracking:** Only accept values "true" or "false", assumes true value by default
- **Click Tracking:** Only accept values "true" or "false", assumes true value by default
- **Enable:** Only accept values "true" or "false", assumes true value by default.

### Important:

- A message generated **with template, cannot be changed** into a message without template; only the previously displayed attributes can be changed in a message without template.
- Only **normal** type credentials can enable a submission.



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## Example XML Structure:

```
<MassiveMail>
  <GeneralData Classification="T">
    <MailId>11111</MailId>
    <SubCategoryId>2</SubCategoryId>
    <BasedOn Id="1" Type="Template"/>
  </GeneralData>
  <From Id="1" Type="Standard"/>
  <To FilterType="Newsletter" ListId="1">
    <Ids>
      <Id>1</Id>
    </Ids>
  </To>
  <Message>
  </Message>
  <Options>
    <SendDate Now="false">2016-10-25T21:11:48.533</SendDate>
    <OpenTracking>true</OpenTracking>
    <ClickTracking>true</ClickTracking>
    <Enable>true</Enable>
  </Options>
</MassiveMail>
```

## JSON structure example:

```
{
  "GeneralData" : {
    "MailId" : "1111111",
    "SubCategoryId" : "64",
    "BasedOn" : {
      "Type" : "Template",
      "Id" : "2"
    },
    "Classification" : "C"
  },
  "From" : {
    "Type" : "Dynamic",
    "Id" : "74"
  },
  "To" : {
    "Ids" : ["437"],
    "ListId" : "1",
    "FilterType" : "Dynamic"
  },
  "Message" : {
    },
    " Options " : {
      " SendDate " : {
        " Now " : " false ",
        " Value " : " 2016 - 11 - 05 14 : 11 : 48 "
      },
      " OpenTracking " : " true ",
      " ClickTracking " : " true ",
      " Enable " : " true "
    }
  }
}
```

The result (if successful), will reflect the following structure:

```
{
  "Service" : "MassiveMail",
  "Version" : "1.0.2.0",
  "TransactionId" : "d9b963de5ae2407c9e337ef5726e1ad0",
  "Status" : {
    "Code" : "200",
    "Value" : "OK"
  },
  "MailId" : {
    "AccountStatus" : "T",
    "Value" : "76699"
  }
}
```

## Sending information

- To **obtain information** related to mass sending, the **GET** method must be used.
- Information about a sending

### The endpoint is:

<https://rest.masterbase.com/massivemail/v1/{Cliente}/GetMail?mailid={IdMail}>

Where:

<b>Client</b>	Client's Account Name	Required parameter.
<b>IdMail</b>	Numeric identifier associated with the sending	Required parameter.

- Use valid credentials for the Web Service which correspond to the API credentials generated on the platform.
- For this method it is **not necessary** to include a XML/JSON structure in the PAYLOAD.

### RESULT:

The result (**if successful**), will have the following structure:

```
{
  "Service": "MassiveMail",
  "Status": {
    "Code": "200",
    "Value": "OK"
  },
  "TransactionId":
  "INSTANCIA_20170111_e6381b8be7cd4d868317af6960996d7d",
  "Version": "1.0.2.0",
  "Response": {
    "AccountType": "T",
    "MassiveMail": {
      "Creator": "AccTSTPRO",
      "EnabledBy": "AccTSTPRO",
      "EnabledDate": "2017-01-09T14:01:06.277",
```

```

        "Id" : "90682",
        "Name" : "Mail para Modificar",
        "SentDate" : "2017-01-09T14:01:06.277",
        "Status" : "E",
        "Subject" : "Asunto del mensaje",
        "Total" : "1"
    }
}
}

```

Where:

AccountType	Type of credential that initiated message	R: Restricted N: Normal
<b>Creator</b>	Credential that created message	
<b>EnabledBy</b>	Credential that enabled message	
<b>EnabledDate</b>	Date message was enabled	
<b>Id</b>	Numeric identifier of message	
<b>Name</b>	Name assigned to message	
<b>SentDate</b>	Date sent	
<b>Status</b>	Message status	S: Sent D: Disabled E: Enabled
<b>Subject</b>	Message subject	
<b>Total</b>	Number of recipients	

## Information on multiple **sendings**

### The endpoint is the following:

<https://rest.masterbase.com/massivemail/v1/{Cliente}/GetMails?pagenumber={n}&pagesize={n}&startdate={d}&enddate={d}>

Where:

Client	Client's Account Name	Required parameter.
PageNumber	Page number	Optional parameter
PageSize	Number of records per page	Optional parameter
StartDate	Cut start date	Optional parameter
EndDate	Cut end date	Optional parameter

- Use valid credentials for the Web Service which correspond to the API credentials generated on the platform.
- For this method it is **not necessary** to include a XML/JSON structure in the PAYLOAD.

### RESULT:

The result (**if successful**), will reflect the following structure:

```
{
  "Service": "MassiveMail",
  "Status": {
    "Code": "200",
    "Value": "OK"
  },
  "TransactionId": "INSTANCIA_20170111_517c8ea733a644d083470d4a2fa68cf8",
  "Version": "1.0.2.0",
  "Response": {
    "AccountType": "T",
    "CurrentPage": "1",
    "TotalPages": "960",
    "TotalRecords": "2879",
  }
}
```

```
"MassiveMails" : [{
    "Creator" : "AccTSTPRO",
    "EnabledBy" : "AccTSTPRO",
    "EnabledDate" : "2017-01-09T11:02:39.707",
    "Id" : "90684",
    "Name" : "Mail para Modificar",
    "SentDate" : "2017-01-09T11:02:39.707",
    "Status" : "E",
    "Subject" : "Asunto del mensaje",
    "Total" : "1"
  }, {
    "Creator" : "AccTSTPRO",
    "EnabledBy" : "AccTSTPRO",
    "EnabledDate" : "2017-01-09T11:01:06.277",
    "Id" : "90682",
    "Name" : "Mail para Modificar",
    "SentDate" : "2017-01-09T11:01:06.277",
    "Status" : "E",
    "Subject" : "Asunto del mensaje",
    "Total" : "1"
  }, {
    "Creator" : "AccTSTPRO",
    "EnabledBy" : "AccTSTPRO",
    "EnabledDate" : "2017-01-09T10:56:59.650",
    "Id" : "90677",
    "Name" : "Mail para Modificar",
    "SentDate" : "2017-01-09T10:56:59.650",
    "Status" : "E",
    "Subject" : "Asunto del mensaje",
    "Total" : "14"
  }
]
}
```

Where:



AccountType	Credential type that initiate a message	R: Restricted N: Normal
<b>Creator</b>	Credential that created message	
<b>EnabledBy</b>	Credential that enabled message	
<b>EnabledDate</b>	Date message was enabled	
<b>Id</b>	Numeric identifier of message	
<b>Name</b>	Name assigned to message	
<b>SentDate</b>	Date sent	
<b>Status</b>	Message status	S: Sent D: Disabled E: Enabled
<b>Subject</b>	Subject of message	
<b>Total</b>	Number of recipients	

## Sending statistics

To obtain statistics related to mass sending, the **GET** method must be used.

### The endpoint is the following:

<https://rest.masterbase.com/massivemail/v1/{Cliente}/GetStatistics?mailid={IdMail}>

Client	Client's Account Name	Required parameter
<b>IdMail</b>	Numeric identifier associated with <b>sending</b>	Required parameter

- Use valid credentials for the Web Service which correspond to the API credentials generated on the platform.
- For this method it is **not necessary** to include a XML/JSON structure in the PAYLOAD.

### RESULT:

The result (**if successful**), will reflect the following structure:

```
{
  "Service": "MassiveMail",
  "Status": {
    "Code": "200",
    "Value": "OK"
  },
  "TransactionId": "INSTANCIA_20170111_eff117fa78d447b08035b0b9bf05ad76",
  "Version": "1.0.2.0",
  "Response": {
    "Mail": {
      "Id": "90633",
      "Statistic": {
        "Accepted": "0",
        "Accepted_Rate": "0",
        "Bounce": "0",
        "BounceUnique": "0",

```

```

"CTO" : "0",
"CTR" : "0",
"Click" : "0",
"ClickUnique" : "0",
"NotOpen" : "0",
"Open" : "0",
"OpenClicDeduced" : "0",
"OpenPixelTracking" : "0",
"OpenUnique" : "0",
"OpenWebview" : "0",
"Sent" : "0",
"TAC" : "0"
    }
  }
}

```

Donde:

Id	Numeric identifier of sending
<b>Accepted</b>	Number of accepted messages
<b>Accepted_Rate</b>	Percentage of Acceptance
<b>Bounce</b>	Number of rebounds
<b>BounceUnique</b>	Number of single rebounds
<b>Click</b>	Total number of opened links
<b>ClickUnique</b>	Number of single opened links
<b>NotOpen</b>	Number of unopened messages
<b>Open</b>	Total number of opened messages
<b>OpenUnique</b>	Number of single openings
<b>OpenWebview</b>	Number of messages seen in the web
<b>Sent</b>	Number of sendings made
<b>TAC</b>	Rate of single openings