



# CRM Web API Specification Doc

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  - Response

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- **Post (sends emails to contacts by contacts guid list, and template id)\***
  - Request - <http://crmbeta.azurewebsites.net/api/EmailSender/{TemplateId}>  
Add in body the array of guids of contacts you would like to send email based on specified template
  - Response
- **Post (sends emails to contacts by email list id and template id)**
  - Request - <http://crmbeta.azurewebsites.net/api/EmailSender/{EmailListId}/{TemplateId}>
  - Response

## Email Templates

- **Get (get all templates from db)**
  - Request - <http://crmbeta.azurewebsites.net/api/Templates>  
You'll get ids and names of templates existing in db
  - Response

# 1 Login

## 1.1 Post

Authenticate the user with the system and obtain the auth\_token

## 2 Contacts

### 2.1 Get

Get all contacts from database

#### Request

Method	URL
Get	<a href="http://crmbeta.azurewebsites.net/api/contacts">http://crmbeta.azurewebsites.net/api/contacts</a>

#### Response

Status	Response
200 OK	An array of contacts  [

	<pre> {   "Full Name": "Lusine ",   "Company Name": "SCDM GmbH",   "Position": "Financial Analyst",   "Country": "Armenia",   "Email": "lusine@hovsepyan.am",   "GulID": "b3e48661-7979-440d-bf33-c8da8ed2cb62",   "DateInserted": "2017-05-25T13:34:51.9733333" }, {   "Full Name": "Aram Zhamkochyan",   "Company Name": "Unibank CJSC",   "Position": "Post terminal specialist",   "Country": "Armenia",   "Email": "aram532@yandex.ru",   "GulID": "b3b91410-6c3b-42e3-b90b-c0ef9298be58",   "DateInserted": "2017-05-25T13:40:48.2866667" }, {   "Full Name": "Vanik Hakobyan",   "Company Name": "YSU",   "Position": "Student",   "Country": "Armenia",   "Email": "vanhakobyan1996@gmail.com",   "GulID": "63ac109b-aa94-4bbe-a37e-bca4219114a3",   "DateInserted": "2017-05-25T13:42:37.4433333" } ] </pre>
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## 2.2 Get

Get specific contact by Guld

### Request

Method	URL
Get	http://crmbeta.azurewebsites.net/api/contacts

### Parameters

Type	Param name	Values
URL_PARAM	guid	dab7e4fb-171f-4e65-8a5a-7640fb113fe5

### Response

Status	Response
200 OK	Full contact and array of email list of that contact

	<pre>{   "Full Name": "Tsovinar Ghazaryan",   "Company Name": "VTB Bank",   "Position": "Credit Controller",   "Country": "Armenia",   "Email": "tsovinar.ghazaryan@yahoo.com",   "GulD": "dab7e4fb-171f-4e65-8a5a-7640fb113fe5",   "DateInserted": "2017-05-25T13:36:51.6466667",   "EmailLists": {     "1": "All",     "2": "VIP Partners",     "3": "Armenian Partners"   } }</pre>
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## 2.3 Put

Updates specific contact by Guld. Specify in http body the fields you would like to change (note that "FullName" and "Email" are mandatory)

### Request

Method	URL
Put	http://crmbeta.azurewebsites.net/api/contacts/{guid}

### Parameters

From	Type	Value
BODY	ContactRequestModel	<pre>{   "Full Name": "Tigran Vardanyan",   "Company Name": "Candle YSU",   "Position": "Scientific Researcher",   "Country": "Armenia",   "Email": "tigran_vardanyan@yahoo.com", }</pre>
URL	Guid	dab7e4fb-171f-4e65-8a5a-7640fb113fe5

### Response

Status	Type	Response
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200 OK	ContactResponseModel	Full contact and array of email list of that contact <pre>{   "Full Name": "Vanik Hakobyan",   "Company Name": "YSU",   "Position": "Student",   "Country": "Armenia",   "Email": "vanhakobyan1996@gmail.com",   "GuID": "63ac109b-aa94-4bbe-a37e-bca4219114a3",   "DateInserted": "2017-05-25T13:42:37.4433333"   "EmailLists": {     "All",     "VIP Partners",     "Armenian Partners"   } }</pre>
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## 2.4 Post

Adds new contact to database. Add in body a json object with "Full Name", "Company Name", "Position", "Country", "Email" (note that "Full Name" and "Email" are mandatory)

### Request

Method	URL
Post	http://crmbeta.azurewebsites.net/api/contacts

### Parameters

From	Type	Value
BODY	ContactRequestModel	<pre>{   "Full Name": "Khachatur Sukiasyan",   "Company Name": "Microsoft",   "Position": "Freelancer",   "Country": "Armenia",   "Email": "test456@yahoo.com", }</pre>

### Response

Status	Type	Response
200 OK	ContactResponseModel	Full contact and array of email list of that contact <pre>{   "Full Name": "Vanik Hakobyan",   "Company Name": "YSU",   "Position": "Student",   "Country": "Armenia",</pre>

		"Email": "vanhakobyan1996@gmail.com", "GuiD": "63ac109b-aa94-4bbe-a37e-bca4219114a3", "DateInserted": "2017-05-25T13:42:37.4433333" "EmailLists": { "All", "VIP Partners", "Armenian Partners" } }
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## 2.5 Post

Uploads contacts from Excel or CSV file to database. If there is a wrong data in the file, uploading will not be performed. The document must have columns with names FullName, CompanyName, Position, Country and Email. Keeping the order of names is not necessary.

### Request

Method	URL
Post	http://crmbeta.azurewebsites.net/api/contacts/upload

### Parameters

From	Type	Value
BODY	Excel or CSV file	{ "Full Name": "Tigran Vardanyan", "Company Name": "Candle YSU", "Position": "Scientific Researcher", "Country": "Armenia", "Email": "tigran_vardanyan@yahoo.com", }

### Response

Status	Type	Response
200 OK	ContactResponseModel	An array of contacts, which have been added to database. [ { "Full Name": "Lusine Hovsepyan", "Company Name": "SCDM GmbH", "Position": "Financial Analyst", "Country": "Armenia", "Email": "lusine@hovsepyan.am", "GuiD": "b3e48661-7979-440d-bf33-c8da8ed2cb62", "DateInserted": "2017-05-25T13:34:51.9733333" }, ]



		<pre>{   "Full Name": "Aram Zhamkochyan",   "Company Name": "Unibank CJSC",   "Position": "Post terminal specialist",   "Country": "Armenia",   "Email": "aram532@yandex.ru",   "GulD": "b3b91410-6c3b-42e3-b90b-c0ef9298be58",   "DateInserted": "2017-05-25T13:40:48.2866667" }</pre>
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## 2.6 Post

## 2.7 Delete

### Request

Deletes all contacts, which match the sent array of Guids.

Method	URL
Delete	http://crmbeta.azurewebsites.net/api/contacts

### Parameters

From	Type	Value
BODY	List < Guid >	[ "b3b91410-6c3b-42e3-b90b-c0ef9298be58", "63ac109b-aa94-4bbe-a37e-bca4219114a3" ]

### Response

Status
200 OK

## 3 Email lists

### 3.1 Get (All)

Returns an array of all email lists. Returned values match EmailListResponseModel class.

### Request

Method	URL
Get	<a href="http://crmbeta.azurewebsites.net/api/EmailLists">http://crmbeta.azurewebsites.net/api/EmailLists</a>

## Response

Status	Type	Value
200 OK	List < EmailListResponseModel >	<pre>[   {     "EmailListId": 1,     "EmailListName": "Team C",     "Contacts":       {         "Full Name": "Lusine Hovsepyan",         "Company Name": "SCDM GmbH",         "Position": "Financial Analyst",         "Country": "Armenia",         "Email": "lusine@hovsepyan.am",         "GulID": "b3e48661-7979-440d-bf33-c8da8ed2cb62",       }   },   {     "EmailListId": 2,     "EmailListName": "Team A",     "Contacts":       {         "Full Name": "Van Hakobyan",         "Company Name": "SCDM GmbH",         "Position": "Financial Analyst",         "Country": "Armenia",         "Email": "vanhakobyan1996@gmail.com",         "GulID": "b3e48661-7979-440d-bf33-c8da8ed2cb62",       }   } ]</pre>

## 3.2 Get (By Id)

Returns email list whose id is the incoming parameter. Returned value matches EmailListResponseModel class.

## Request

Method	URL
Get	<a href="http://crmbeta.azurewebsites.net/api/EmailLists/{id}">http://crmbeta.azurewebsites.net/api/EmailLists/{id}</a>

	where id is a number
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## Response

Status	Type	Value
200 OK	EmailListResponseModel	<pre>{   "EmailListId": 1,   "EmailListName": "Team C",   "Contacts":     {       "Full Name": "Lusine Hovsepyan",       "Company Name": "SCDM GmbH",       "Position": "Financial Analyst",       "Country": "Armenia",       "Email": "lusine@hovsepyan.am",       "Guid": "b3e48661-7979-440d-bf33-c8da8ed2cb62",     }, ... }</pre>

## 3.3 Put (Adding Contacts)

Adds existing contacts to an existing EmailList. The contacts are determined by incoming Guids.

### Request

Method	URL
Put	<a href="http://crmbeta.azurewebsites.net/api/EmailLists/add/{id}">http://crmbeta.azurewebsites.net/api/EmailLists/add/{id}</a> where id is a number

### Parameters

From	Type	Value
BODY	List of Guids	<pre>[   "b3b91410-6c3b-42e3-b90b-c0ef9298be58",   "63ac109b-aa94-4bbe-a37e-bca4219114a3" ]</pre>
URL	int	4

## Response

Status	Type	Value
200 OK	EmailListResponseModel	<pre>{   "EmailListId": 1,   "EmailListName": "Team C",   "Contacts": [     {       "Full Name": "Lusine Hovsepyan",       "Company Name": "SCDM GmbH",       "Position": "Financial Analyst",       "Country": "Armenia",       "Email": "lusine@hovsepyan.am",       "GUID": "b3e48661-7979-440d-bf33-c8da8ed2cb62",     }, ... ]   } }</pre>

### 3.4 Put (Deleting contacts)

Deletes existing contacts to an existing EmailList. The contacts are determined by incoming Guids.

#### Request

Method	URL
Put	<a href="http://crmbeta.azurewebsites.net/api/EmailLists/remove/{id}">http://crmbeta.azurewebsites.net/api/EmailLists/remove/{id}</a> where id is a number

#### Parameters

From	Type	Value
BODY	List of Guids	<pre>[   "b3b91410-6c3b-42e3-b90b-c0ef9298be58",   "63ac109b-aa94-4bbe-a37e-bca4219114a3" , ... ]</pre>
URL	int	4

#### Response

Status	Type	Value
200 OK	EmailListResponseModel	<pre>{   "EmailListId": 1,   "EmailListName": "Team C",   "Contacts": [     {       "Full Name": "Lusine Hovsepyan",</pre>

		<pre> "Company Name": "SCDM GmbH", "Position": "Financial Analyst", "Country": "Armenia", "Email": "lusine@hovsepyan.am", "GuiD": "b3e48661-7979-440d-bf33-c8da8ed2cb62", }, ... ] </pre>
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## 3.4 Post

Adds new EmailList. This function allows including existing contacts to the new creating EmailList. The contacts are determined by passed Guids of them.

### Request

Method	URL
Post	http://crmbeta.azurewebsites.net/api/EmailLists

### Parameters

From	Type	Value
BODY	EmailListRequestModel	<pre> {   "EmailListName": "Team A",   "Contacts":   [     "63ac109b-aa94-4bbe-a37e-bca4219114a3"     "b3e48661-7979-440d-bf33-c8da8ed2cb62" ,     ...   ] } </pre> <p><a href="#">The EmailList to add</a></p>

### Response

Status	Type	Value
200 OK	EmailListResponseModel	<pre> {   "EmailListId": 1,   "EmailListName": "Team C",   "Contacts": [     {       "Full Name": "Lusine Hovsepyan",       "Company Name": "SCDM GmbH",       "Position": "Financial Analyst",       "Country": "Armenia",       "Email": "lusine@hovsepyan.am", </pre>

		<pre>"GulID": "b3e48661-7979-440d-bf33-c8da8ed2cb62",     }, ... ] }</pre> <p>The added EmailList</p>
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## 3.5 Delete

Deletes EmailList determined by incoming id. The contacts, which match to the deleting EmailList, will not be deleted.

### Request

Method	URL
Delete	<a href="http://crmbeta.azurewebsites.net/api/EmailLists/{id}">http://crmbeta.azurewebsites.net/api/EmailLists/{id}</a> where id is a number

### Parameters

From	Type	Value
BODY	EmailListRequestModel	<pre>{   "EmailListName": "Team A",   "Contacts": [     "63ac109b-aa94-4bbe-a37e-bca4219114a3"     "b3e48661-7979-440d-bf33-c8da8ed2cb62" ,     ...   ] }</pre> <p>The EmailList to delete</p>

### Response

Status	Type	Value
200 OK	EmailListResponseModel	<pre>{   "EmailListId": 1,   "EmailListName": "Team C",   "Contacts": [     {       "Full Name": "Lusine Hovsepyan",       "Company Name": "SCDM GmbH",       "Position": "Financial Analyst",       "Country": "Armenia",       "Email": "lusine@hovsepyan.am",       "GulID": "b3e48661-7979-440d-bf33-c8da8ed2cb62", </pre>

		<pre>     }, ... ]   }   The deleted EmailList </pre>
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## 4 Send Email

### 4.1 Post (Send Email to selected contact)

Gets list of **guids** of contacts from request **body**, and **template id** from **URL string**, and sends template emails to those contacts.

#### Request

Method	URL
Post	<a href="http://crmbeta.azurewebsites.net/api/EmailSender/5">http://crmbeta.azurewebsites.net/api/EmailSender/5</a>

Type	Param name	Values
URL_PARAM	template	number
Post_Body_Param	Array of Guids	<pre> [   "b3e48661-7979-440d-bf33-c8da8ed2cb62",   "dab7e4fb-171f-4e65-8a5a-7640fb113fe5",   "e621e4c4-5d33-48de-8b36-2596066e4617",   "B3b91410-6c3b-42e3-b90b-c0ef9298be58" ] </pre>

#### Response

Status	Response
200	

### 4.2 Post

Gets **id of EmailList** and **template id** from **URL string**, and sends template emails to all contacts of EmailList.

#### Request

Method	URL
Post	<a href="http://crmbeta.azurewebsites.net/api/EmailSender/{EmailListId}/{TemplateId}">http://crmbeta.azurewebsites.net/api/EmailSender/{EmailListId}/{TemplateId}</a> where EmailListId and TemplateId are numbers

#### Parameters

From	Type and Name	Value
URL	int emailListId	3
URL	int templateId	2

## Response

Status	Response
200	

# 5 Email Templates

## 3.1 Get

Gets all email templates' Ids and Names stored in database. These properties are included in TemplateResponseModel.

## Request

Method	URL
Get	<a href="http://crmbeta.azurewebsites.net/api/Templates">http://crmbeta.azurewebsites.net/api/Templates</a>

## Response

Status	Type	Response
200	TemplateResponseModel	{ "Id" : 1 "TemplateName" : "Birthday" }