
BetCRM

Bet-C

CRM Web API Specification

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1 Registration/Authentication

1.1 Post (Registration)

Adds new admin

Request

Method	URL
Post	http://crmbetc.azurewebsites.net/api/Account/Register

Type	Values
Post_Body_Param	<pre>{ "Email": "tigran_vardanuan@yahoo.com", "UserName": "tigran", "Password": "123456789pass", "ConfirmPassword": "123456789pass" }</pre>

Response

Status Code	Response Body
200 OK	Admin created successfully
400 Bad Request	Exception and InnerException Message
500 Internal Server Error	

1.2 Post(Authentication)

Authenticates the user with the system and gives token

Request

Method	URL
Post	http://crmbetc.azurewebsitesnet/token

Type	Param name	Values
Body_urlencoded	grant_type	password
Body_urlencoded	username	tigran
Body_urlencoded	password	123456789pass

Response

Status Code	Response Body
200 OK	<pre>{ "access_token": "EBEnYF1oI_EmdlRPRGNlbRy3VvkRIUU9JHbiK9V0IUUV6wu1m9eeySAx5tKhZSw3Zz YtTXUtDWW4oU3to9sC2KiFd9j8WgRFg9nsGSH6zY1xRfZE--7HkKqtjZiy7-Lr6hu4SH -q7vbGNppOnVPNGvchkUIpC-b6_LijAoxIVJdxcEWnGFFTwLkZvVQp6AIY-wisIG0M6 t1wh8qkRNMZL6xPmd-dtdAUm0ZrVLuHh8P8", "token_type": "bearer", "expires_in": 86399 }</pre>
400 Bad Request	Exception and InnerException Message
500 Internal Server Error	

Attention!!!

Required header for all bellow Requests

Header Name	Value - Bearer token_key
Authorization	<pre>Bearer QH3izQ8iEPgDjrDSZFnHduwzOQJdHI4ejjUqEdW6h2Nx18uzfvI6Jf_3RE2zoxshh4e gfLw6lt2_EjPZEu4aF89y7ztOsk9pETS-SUTBr39YhiMsPntXw6_QQ1mhWcCuizGEZ uqW2SVMCw-epBS84VT3MAxLaa9ow4QsO4q7pQfIKqzgwts1UVFg1HQEGJUkL5F 4IRHV709xeXaZhzanosHeP86XKq804ImJ0P3Xc4w</pre>

2 Contacts

2.1 Get

Gets all contacts from database without email lists

Request

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

Response

Status Code	Response Body
200 OK	<pre>{ "Full Name": "Aghasi Lorsabyan", "Company Name": "TUMO", "Position": "Mentor", "Country": "Armenia", "Email": "lorsabyan@gmail.com", "GulD": "1d8cecd5-2d4c-43c1-bcd1-085664eb6bdc" }, { "Full Name": "Siranush Aslanyan", "Company Name": "Mic Armenia", "Position": "Developer", "Country": "Armenia", "Email": "siranushik94@gmail.com", "GulD": "7d4866ed-4cc1-40c1-a552-ee28f4cacee6" }]</pre>
400 Bad Request	Exception and InnerException Message
404 Not Found	

2.2 Get (by guid)

Gets specific contact by GulD

Request

Method	URL
Get	http://crmbetc.azurewebsites.net/api/contacts?guid=1d8cecd5-2d4c-43c1-bcd1-085664eb6bdc

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

Response

Status	Response
--------	----------

200 OK	<pre>{ "Full Name": "Aghasi Lorsabyan", "Company Name": "TUMO", "Position": "Mentor", "Country": "Armenia", "Email": "lorsabyan@gmail.com", "GuID": "1d8cecd5-2d4c-43c1-bcd1-085664eb6bdc", "EmailLists": [{ "EmailListID": 1, "EmailListName": "All" }, { "EmailListID": 5, "EmailListName": "New Year" }] }</pre>
400 Bad Request	Exception and InnerException Message
404 Not Found	If in database Contact with such guid is not found

2.3 Put (updates contact)

Updates specific contact

Request

Method	URL
Put	http://crmbetc.azurewebsites.net/api/contacts

Type	Values
Post_Body_Param	<pre>{ "FullName": "Tatevik Vardanyan", "CompanyName": "Mic Armenia", "Position": "Developer", "Country": "Armenia", "Email": "tatevik@gmail.com", "GuID": "943d9186-6350-4ecb-a826-048a0306228a", "EmailLists": [1, 2] }</pre> <p>The "EmailLists" field is optional and can be ignored in request (in this case the email lists of contact will not be changed)</p>

Response

Status	Response
200 OK	<pre>{ "Full Name": "Tatevik Vardanyan", "Company Name": "Mic Armenia", "Position": "Developer", "Country": "Armenia", "Email": "tatevik@gmail.com", "GuID": "943d9186-6350-4ecb-a826-048a0306228a", "EmailLists": { "1": "All", "2": "VIP Partners" } }</pre>

404 Not Found	If in database Contact with such guid is not found
400 Bad Request	Exception and InnerException Message

2.4 Post (creates contact)

Creates new contact

Request

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

Type	Values
Post_Body_Param	<pre>{ "FullName": "Tatevik Vardanyan", "CompanyName": "Mic Armenia", "Position": "Developer", "Country": "Armenia", "Email": "tatevik@gmail.com", "EmailLists": [1, 2] }</pre> <p>The "EmailLists" field is optional and can be ignored in request (in this case the created contact will not be in any email lists)</p>

Response

Status	Response
200 OK	<pre>{ "Full Name": "Tatevik Vardanyan", "Company Name": "Mic Armenia", "Position": "Developer", "Country": "Armenia", "Email": "tatevik@gmail.com", "GUID": "edf 30214-9c92-4533-864f-db6baf8a1fe0", "EmailLists": { "1": "AllSir", "2": "VIP Partners" } }</pre>
400 Bad Request	Exception and InnerException Message

2.5 Delete (by guid)

Deletes the specific contact by Guid

Request

Method	URL
DELETE	http://crmbetc.azurewebsites.net/api/contacts?guid=a1e1ce1c-2c04-494b-add1-340bad88b6e8

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

Response

Status	Response
200 OK	
400 Bad Request	Exception and InnerException Message
404 Not Found	If in database Contact with such guid is not found

2.6 Delete (by guid list)

Deletes the specific contact by Guid

Request

Method	URL
DELETE	http://crmbetc.azurewebsites.net/api/contacts

Type	Values
Delete_Body_Param	["b3e48661-7979-440d-bf33-c8da8ed2cb62", "dab7e4fb-171f-4e65-8a5a-7640fb113fe5", "e621e4c4-5d33-48de-8b36-2596066e4617", "B3b91410-6c3b-42e3-b90b-c0ef9298be58"]

Response

Status	Response
200 OK	
400 Bad Request	Exception and InnerException Message
404 Not Found	If in database Contact with such guid is not found

2.7 Post (file uploading)

Uploads Excel or CSV file of contacts into database

Request

Method	URL
POST	http://crmbetc.azurewebsites.net/api/contacts/upload

Example of html to upload file

```
<form name="form1" method="post" enctype="multipart/form-data"
action="http://crmbetc.azurewebsites.net/api/contacts/upload">
  <div>
    <label for="datafile">Data File</label>
    <input name="datafile" type="file" />
  </div>
  <div>
    <input type="submit" value="Submit" />
  </div>
</form>
```

Use the following formats to upload contacts into csv and excel

Excel file

	A	B	C	D	E
1	FullName	CompanyName	Position	Country	Email
2	Name11	Company11	Position11	Country11	samplemail32yandex.ru
3	Name12	Company12	Position12	Country12	samplemail33yandex.ru
4	Name13	Company13	Position13	Country13	samplemail34yandex.ru
5	Name14	Company14	Position14	Country14	samplemail35yandex.ru
6	Name15	Company15	Position15	Country15	samplemail36yandex.ru
7	Name16	Company16	Position16	Country16	samplemail37yandex.ru
8	Name17	Company17	Position17	Country17	samplemail38yandex.ru
9	Name18	Company18	Position18	Country18	samplemail39yandex.ru
10	Name19	Company19	Position19	Country19	samplemail40yandex.ru
11	Name20	Company20	Position20	Country20	samplemail41yandex.ru

CSV file

FullName,CompanyName,Position,Country,Email
Name1,Company1,Position 1,Country1,samplemail25@gmail.com
Name2,Company2,Position 2,Country2,samplemail26@gmail.com
Name3,Company3,Position 3,Country3,samplemail27@gmail.com
Name4,Company4,Position 4,Country4,samplemail28@gmail.com
Name5,Company5,Position 5,Country5,samplemail29@gmail.com
Name6,Company6,Position,Country6,samplemail30@gmail.com
Name7,Company7,Position,Country7,samplemail31@gmail.com
Name8,Company8,Position 8,Country8,samplemail32@gmail.com
Name9,Company9,Position,Country9,samplemail33@gmail.com

Response

Status	Response
200 OK	Number of successfully uploaded and failed contacts
400 Bad Request	Exception and InnerException Message

2.8 Post (Query contacts)

Returns contacts by paiges filtered and ordered by specific fields

Request

Method	URL
Put	http://crmbetc.azurewebsites.net/api/contacts/pagies

Type	Param name	Pagination / optional parameters
URL_PARAM	start	number (starting from row)
URL_PARAM	rows	number (contacts per page)
		Order By/ optional parameters
URL_PARAM	date	1 - Ascending, 0 - descending
URL_PARAM	name	1 - Ascending, 0 - descending
URL_PARAM	company	1 - Ascending, 0 - descending
URL_PARAM	country	1 - Ascending, 0 - descending
URL_PARAM	position	1 - Ascending, 0 - descending

Type	Values
Post_Body_Param	<pre>{ "FullName": "Tatevik Vardanyan", "CompanyName": "Mic Armenia", "Position": "Developer", "Country": "Armenia", "Email": "tatevik@gmail.com", "EmailLists": [1, 2] }</pre>

Response

Status	Response
200 OK	<p>Response is Key Value Pair, where key is number of pages, and value is list of Contacts</p> <pre>{ "Key": 2, "Value": [{ "Full Name": "Tsovinar Ghazaryan", "Company Name": "MIC Armenia", "Position": "Developer", "Country": "Armenia", "Email": "tsovinar.ghazaryan@yahoo.com", "GuID": "03fba3cf-86fc-4618-a711-e636345e40c4" }] }</pre>
400 Bad Request	Exception and InnerException Message
404 Not Found	If Email List with such id is not found in database

3 Email lists

3.1 Get

Gets all email lists from database without contacts

Request

Method	URL
Get	http://crmbetc.azurewebsites.net/api/emaillists

Response

Status Code	Response Body
200	<pre>[{ "EmailListID": 1, "EmailListName": "All" }, { "EmailListID": 2, "EmailListName": "VIP Partners" }]</pre>
400 Bad Request	Exception and InnerException Message
404 Not Found	

3.2 Get (by id)

Gets specific email list by Id

Request

Method	URL
Get	http://crmbetc.azurewebsites.net/api/emaillists?id=1

Type	Param name	Values
URL_PARAM	id	integer

Response

Status	Response
200 OK	<pre>{ "EmailListID": 1, "EmailListName": "All", "Contacts": [</pre>

	<pre>{ "Full Name": "Aghasi Lorsabyan", "Company Name": "TUMO", "Position": "Mentor", "Country": "Armenia", "Email": "lorsabyan@gmail.com", "GuID": "1d8cecd5-2d4c-43c1-bcd1-085664eb6bdc" }</pre>
400 Bad Request	Exception and InnerException Message
404 Not Found	If Email List with such id is not found in database

3.3 Put (updates email list contacts)

Updates specific email list contacts: if flag is true, adds contacts from request body to email list, if flag = false, deletes those contacts from email list.

Request

Method	URL
Put	http://crmbetc.azurewebsites.net/api/emaillists/update?id=12&flag=true

Type	Param name	Values
URL_PARAM	id	Integer (the id of email list to update)
URL_PARAM	flag	Bool (true- add contacts to list, false delete)

Type	Values
Post_Body_Param	<pre>["80e4b849-d711-4335-936f-598780906704", "33b304fa-664d-4224-b9f4-bd4e3eeba876"]</pre>

Response

Status	Response
200 OK	<pre>{ "EmailListID": 12, "EmailListName": "All3", "Contacts": [{ "Full Name": "Aghasi Lorsabyan", "Company Name": "TUMO", "Position": "Mentor", "Country": "Armenia", "Email": "lorsabyan@gmail.com", "GuID": "33b304fa-664d-4224-b9f4-bd4e3eeba876" }, { "Full Name": "Tatevik Vardanyan", "Company Name": "Mic Armenia", </pre>

	<pre> "Position": "Developer", "Country": "Armenia", "Email": "tatevik@gmail.com", "GuID": "80e4b849-d711-4335-936f-598780906704" }] } </pre>
404 Not Found	If email list with such id is not found in database
400 Bad Request	Exception and InnerException Message
500 Internal Server Error	

3.4 Put (updates email list)

Updates specific email list

Request

Method	URL
Put	http://crmbetc.azurewebsites.net/api/emaillists

Type	Values
Post_Body_Param	<pre> { "EmailListID": 1, "EmailListName": "All", "Contacts": ["1d8cecd5-2d4c-43c1-bcd1-085664eb6bdc", "943d9186-6350-4ecb-a826-048a0306228a"] } </pre> <p>The "Contacts" field is optional and can be ignored in request (in this case the contacts of email list will not be changed)</p>

Response

Status	Response
200 OK	<pre> { "EmailListID": 1, "EmailListName": "All", "Contacts": [{ "Full Name": "Aghasi Lorsabyan", "Company Name": "TUMO", "Position": "Mentor", "Country": "Armenia", "Email": "lorsabyan@gmail.com", "GuID": "1d8cecd5-2d4c-43c1-bcd1-085664eb6bdc" }, { "Full Name": "Tatevik Vardanyan", "Company Name": "Mic Armenia", "Position": "Developer", "Country": "Armenia", "Email": "tatevik@gmail.com", "GuID": "943d9186-6350-4ecb-a826-048a0306228a" }] } </pre>

404 Not Found	If email list with such id is not found in database
400 Bad Request	Exception and InnerException Message
500 Internal Server Error	

3.5 Post (creates email list)

Creates new email list

Request

Method	URL
Post	http://crmbetc.azurewebsites.net/api/emaillists

Type	Values
Post_Body_Param	<pre>{ "EmailListName": "All 2", "Contacts": ["1d8cecd5-2d4c-43c1-bcd1-085664eb6bdc", "943d9186-6350-4ecb-a826-048a0306228a"] }</pre> <p>The "Contacts" field is optional and can be ignored in request (in this case the created email list will be empty)</p>

Response

Status	Response
200 OK	<pre>{ "EmailListID": 22, "EmailListName": "All 2", "Contacts": [{ "Full Name": "Aghasi Lorsabyan", "Company Name": "TUMO", "Position": "Mentor", "Country": "Armenia", "Email": "lorsabyan@gmail.com", "GuID": "1d8cecd5-2d4c-43c1-bcd1-085664eb6bdc" }, { "Full Name": "Tatevik Vardanyan", "Company Name": "Mic Armenia", "Position": "Developer", "Country": "Armenia", "Email": "tatevik@gmail.com", "GuID": "943d9186-6350-4ecb-a826-048a0306228a" }] }</pre>
400 Bad Request	Exception and InnerException Message
500 Internal Server Error	

3.6 Delete (by id)

Deletes the specific email list by Id

Request

Method	URL
DELETE	http://crmbetc.azurewebsites.net/api/emaillists?id=1

Type	Param name	Values
URL_PARAM	id	number

Response

Status	Response
200 OK	
400 Bad Request	Exception and InnerException Message
404 Not Found	If email list with such guid is not found in database

4 Send Email

4.1 Post

Sends emails to contacts by guid

Request

Method	URL
Post	http://crmbetc.azurewebsites.net/api/sendemails?template=1

Type	Param name	Values
URL_PARAM	template	number
Post_Body_Param	Array of Guids	["b3e48661-7979-440d-bf33-c8da8ed2cb62", "Dab7e4fb-171f-4e65-8a5a-7640fb113fe5"]

Response

Status	Response
200 OK	
400 Bad Request	
500 Internal Server error	

4.2 Post

Sends emails to contacts by email list id

Request

Method	URL
Post	http://crmbetc.azurewebsites.net/api/sendemails?template=3&emaillistid=1

Type	Param name	Values
URL_PARAM	template	number
URL_PARAM	emaillistid	number

Response

Status	Response
200	
400 Bad Request	
500 Internal Server error	

5 Email Templates

5.1 Get

Gets all templates

Request

Method	URL
Get	http://crmbetc.azurewebsites.net/api/templates

Response

Status Code	Response Body
200	An array of templates <pre>[{ "TemplateId": 1, "TemplateName": "NewYear.html" }, { "TemplateId": 2, "TemplateName": "BirthdayWish.html" }, { "TemplateId": 3, "TemplateName": "LabourDay.html" }]</pre>
400 Bad Request	Exception and InnerException Message
404 Not Found	
500 Internal Server Error	