**Dynamics CRM – Kneto integration**

This document describes how use the Api to sending contacts and e-mails via Kneto system.  
Api contains three methods:

1. **addcontact**

POST method to add or update the contact in Kneto database (address book), it is available in address: {kneto\_home}/api/addcontact/  
Header must have Authorization field with Access Token from AzureAD

* Api reads user data from provided token, creates user then login into Kneto, or only login if user already exists.
* When crmContactId is set and contact exists in Kneto address book system updates stored contact data, otherwise adds new record.
  1. **structure** with example data:

POST /api/addcontact/

Content-Type: application/json

Authorization: Bearer eyJ0eXAiOiJKV1QiLC *…*

{

"crmContactId": "4",

"email": "2dodany@poprzez.api",

"firstname": "3zenon",

"lastname": "Dynamicowski2"

}

* 1. **response**:

{

"KnetoContactId" = 8

}

1. **sendemail**POST method to send e-mail via Kneto system.   
   address: {kneto\_home}/api/sendemail/

Header must have Authorization field with Access Token from AzureAD

* Api reads user data from provided token, creates user then login into Kneto, or only login if user already exists.
* When in section ‘to’ crmContactId is set and contact exists in Kneto address book, system updates stored contact data, otherwise adds new record.
* ccSender (0/1) send carbon copy to sender
  1. **structure** with example data:

POST /api/sendemail/

Content-Type: multipart/form-data; boundary="----=\_Part\_11\_622533258.1439362248380"

Authorization: Bearer eyJ0eXAiOiJKV1QiLC…

------=\_Part\_11\_622533258.1439362248380

Content-Type: text/plain; charset=Cp1250; name=jsonKnetoSendEmail.txt

Content-Transfer-Encoding: binary

Content-Disposition: form-data; name="info"; filename="jsonKnetoSendEmail.txt"

{

"to": [{

"crmContactId": "1",

"email": "biernyk@gmail.com",

"firstname": "a1ntoniooo",

"lastname": "Dynamicowski"

}, {

"crmContactId": "10",

"email": "biernyk@gmail.com",

"firstname": "antoniooo",

"lastname": "aDynamicowski"

}],

"ccSender": 1,

"subject": "temat1",

"content": " hello ",

"allowDownload": 0

}

------=\_Part\_11\_622533258.1439362248380

Content-Type: application/pdf; name=Ekstra\_oferta.pdf

Content-Transfer-Encoding: binary

Content-Disposition: form-data; name="Ekstra\_oferta.pdf"; filename="Ekstra\_oferta.pdf"

<Content of Ekstra\_oferta.pdf>

------=\_Part\_11\_622533258.1439362248380

Content-Type: application/pdf; name=pdf-sample.pdf

Content-Transfer-Encoding: binary

Content-Disposition: form-data; name="pdf-sample.pdf"; filename="pdf-sample.pdf"

<Content of pdf-sample.pdf>

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* 1. **response**:

{

"knetoSendId" : 328

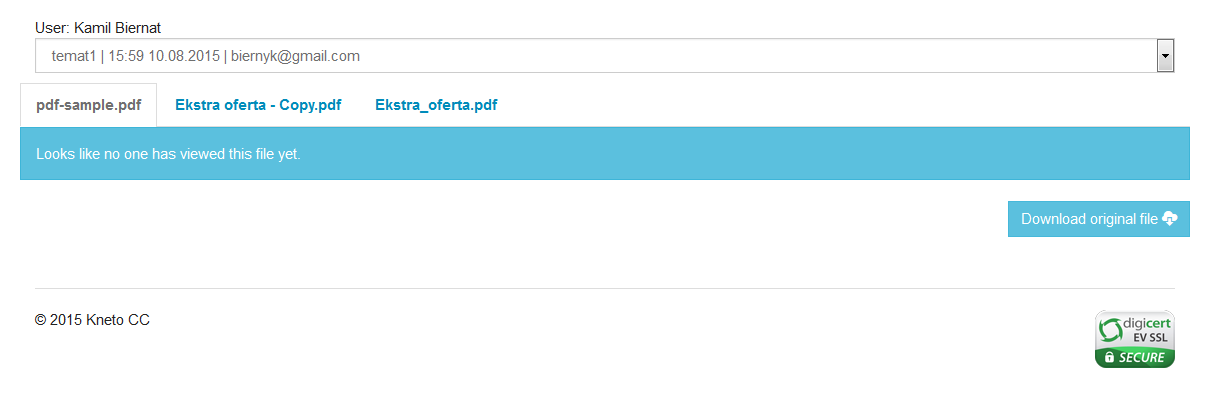
}

1. **getreport**

GET method to retrieve e-mail report from Kneto system.

address: {kneto\_home}/api/getreport/?knetoSendId=328/

* 1. **response** (html):



**Errors:**

* 400 Bad Request

Th*e* request could not be understood by the server due to malformed syntax (incl. data validation)

* 403 Unauthorized

The request requires user authentication

* 500 Internal Server Error

The Server encountered an unexpected condition which prevented it from fulfilling the request

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