# Document Attributes

| Attribute | Value |
| --- | --- |
| Application ID /  Application Name | MOTS ID: 23718  PRISM ID: 23718  Application Name: Enterprise Data Fabric (EDF) |
| Owner | Tofael Khan/Yun Wan/Wendell Peng/Ravali Yemineni/Dilip Behera |
| Owner Contact Information | Phone: 703-798-8889 |
| Service Type | Micro Service |
| Service Name(s) |  |

# Revision History

The following table lists the revision history of this document:

| Author | Date | Version # | Project # | Revision Description |
| --- | --- | --- | --- | --- |
| Wendell Peng | 7/29/17 | 0.01 | 296357a | Initial Draft |
| Wendell Peng | 8/8/17 | 0.02 | 296357a | Second Draft |
| Wendell Peng | 8/10/17 | 0.03 | 296357a | Updated after user review |
| Wendell Peng | 8/22/17 | 0.04 | 296357a | Removed address, city, zip, country fields from AID |
| Wendell Peng | 8/23/17 | 0.05 | 296357a | Update the contactDetails POST to accept multiple idOrganization |
| Wendell Peng | 8/25/17 | 0.06 | 296357a | Update attRegion GET and contactRoles GET |
| Wendell Peng | 8/30/17 | 0.07 | 296357a | Add internal use contact clip load api |
| Wendell Peng | 9/06/17 | 0.08 | 296357a | Add internal use contact gdb load api |
| Beth Jacob | 09/13/17 | 0.09 | 296357a | Replaced Error Codes and Descriptions.  Moved regionId and region in regionList on the following: ContactDetails POST, ContactDetails GET, attRegion GET  Moved roleId and role in roleList on the following: ContactDetails POST, ContactDetails GET, ContactRoles POST, ContactRoles GET  Name change: from GetContactToGDB to GetContactBulkInfo. |
| Beth Jacob | 09/15/17 | 0.10 | 296357a | Changed roleId to optional in ContactDetails POST. |
| Beth Jacob | 09/20/17 | 0.11 | 296357a | Removed sessionId and transactionId on all response structures.  ContactDetails DELETE - replaced response with HTTP OK. (all records will be deleted or all records will error out).  ContactDetails GET - Added attPhone.  ContactDetails POST - renamed ATTPhone to attPhone |
| Beth Jacob | 09/24/2017 | 0.12 | 296357a | Added Common Structures section.  Added pagination requirements in ContactBulkInfo  Added idContactToRemove in ContactBulkInfo response.  AddedContactBulkInfoStatus API. |
| Beth Jacob | 10/06/2017 | 0.13 | 296357 | Added draft requirements:  Changed idOrganization in ContactDetails DELETE from mandatory to optional.  Increased role length to String(100) in ContactDetails POST, ContactDetails GET, ContactROles POST, ContactRoles GET, ContactBulkInfo GET  Added requesterid in CINRHeader.  Replaced session id/transaction id with CINRHeader – doc update only  Contactroles GET - added roleStatus  ContactLock POST - new API  +++++++++++++++  296357a updates:Changed the following from mandatory to optional on ContactClipLoad POST: contactType,gpsId, Sequence contact clip load, role, lastname, |

Contents

[1 Document Attributes 1](#_Toc482869501)

[2 Revision History 1](#_Toc482869502)

[4 Micro Services 3](#_Toc482869585)

[4.1 Manage Contact 3](#_Toc482869586)

[4.1.1 com.att.nss.esds.customercare.integratedsolutions.ManageContact 3](#_Toc482869587)

# Micro Services

## Manage Contact

### com.att.nss.esds.customercare.integratedsolutions.ManageContact

This is a microservice API with a JSON payload

#### API List

baseURL: http://<server>:<port>/restservices/UserContact/v1/service

|  |  |  |  |
| --- | --- | --- | --- |
| **Actions** | **Resource Path Base URL:** http://<server>:<port>/restservices/CoreCustomer/v1/service | **Description** | **Implementation protocol** |
| POST | /ContactDetails | Add or Update Contact Details | RESTful Web Service |
| DELETE | /ContactDetails | Remove contact | RESTful Web Service |
| GET | /ContactDetails | Retrieve Contact Details | RESTful Web Service |
| POST | /ContactRoles | Update Contact Roles | RESTful Web Service |
| DELETE | /ContactRoles | Delete Contact Roles | RESTful Web Service |
| GET | /ContactRoles | Retrieve Contact Roles | RESTful Web Service |
| GET | /attRegion | Retrieve Region | RESTful Web Service |
| POST | /contactClipLoad | Load Clip data (internal use) | RESTful Web Service |
| GET | ~~/ContactToGDB~~  /ContactBulkInfo | Retrieve contact tables (Internal user) | RESTful Web Service |
| POST | /ContactBulkInfoStatus | Receive GDB contact load status | RESTful Web Service |

### Server List

<server>:<port> TBD

### Common Structures

This section defines the common structures used across the APIs

##### CINRHeader

This section describes the common CINRHeader structure for the microservice.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Element name** | **Type** | **Valid Values** | **Min occurs** | **Max occurs** | **Description** |
| sessionId | String (100) |  | 1 | 1 | This is the web server session id per user login |
| transactionId | String (50) |  | 1 | 1 | Unique Id per request – generated by client |
| <296357>  requesterId | String(20) | Valid ATT UID, for system to system interface – system mechid or MOTS ID or unique mS name | 1 | 1 | <296357 US336882>  This is the logged in user’s attuid, system mechid or MOTS name |

##### CINRRecordRange

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Element name** | **Type** | **Valid Values** | **Min occurs** | **Max occurs** | **Description** |
| resultsetId | Integer | A value generated by EDF | 0 | 1 | EDF returns this ID on the first page response. This Id should be sent back to EDF for subsequent page requests. |
| totalRecord | Integer |  | 0 | 1 | Total records found for the matching condition – not the number of records being returned. Only applicable for GET methods |
| startRecord | Integer | A value less than or equal to the total count returned. Starts with 1 | 1 | 1 | Indicates the startRow among the total record count |
| endRecord | Integer | A value less than or equal to the total count returned. The difference between endRow and startRow should not exceed **500** | 1 | 1 | Indicates the endRow among the total record count |

##### CINRResponse

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Element name** | **Type** | **Valid Values** | **Min occurs** | **Max occurs** | **Description** |
| Code | Integer | 0 for success; other values for error – see specific API notes | 1 | 1 | Indicates the status of the response |
| description | String(100) | Success, No Data Found – actual description will match the specific error | 1 | 1 | Description of the response |

### ContactDetails POST

##### Request

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Element name** | **Type** | **Valid Values** | **Min occurs** | **Max occurs** | **Description** |
| CINRHeader | *CINRHeader* |  | 1 | 1 |  |
| ~~sessionId~~ | ~~String (100)~~ |  | ~~1~~ | ~~1~~ | ~~This is the web server session id per user login~~ |
| ~~transactionId~~ | ~~String, AN(50)~~ |  | ~~1~~ | ~~1~~ | ~~Unique Id per request – generated by client~~ |
| idContact | Integer |  | 0 | 1 | When idContact is provided this will be treated as an Update, else this will be an Add(new) |
| idOrganization | Integer |  | 1 | 2000 | Customer identifier (GDB organization id) |
| autoSaveInd | String(1) | Y, N | 0 | 1 | For att contact only Default to N |
| attuid | String(20) |  | 0 | 1 | For att contact only |
| contactType | String(20) | att, client, partner, vendor | 1 | 1 |  |
| firstName | String(100) |  | 0 | 1 |  |
| lastName | String(100) |  | 1 | 1 |  |
| Company | String(100) |  | 0 | 1 |  |
| *Sequence RoleList Start* |  |  | *1* | *10* |  |
| roleId | Integer |  | 0 | 1 | Value provided by EDF. Required if contactType is ‘att’. |
| Role | String (100)  ~~String(40)~~  <296357 US336901> |  | 1 | 1 |  |
| *Sequence RoleList End* |  |  | *1* | *10* |  |
| ~~Sequence~~ |  |  |  |  |  |
| ~~ATTPhone~~ attPhone | String(40) |  | 0 | 1 | Att contact only |
| phone1 | String(40) |  | 0 | 1 |  |
| phone2 | String(40) |  | 0 | 1 |  |
| email | String(80) |  | 0 | 1 |  |
| ~~address~~ | ~~String(100)~~ |  | ~~0~~ | ~~1~~ | ~~Att contact only~~ |
| ~~Zip~~ | ~~String(50)~~ |  | ~~0~~ | ~~1~~ | ~~Att contact only~~ |
| ~~City~~ | ~~String(100)~~ |  | ~~0~~ | ~~1~~ | ~~Att contact only~~ |
| ~~country~~ | ~~String(80)~~ |  | ~~0~~ | ~~1~~ | ~~Att contact only~~ |
| *Sequence RegionList Start* |  |  | *0* | *10* |  |
| regionId | Integer |  | 1 | 1 | Att contact only, Value provided by EDF |
| region | String(10) |  | 1 | 1 | Att contact only |
| *Sequence RegionList End* |  |  | 0 | 10 |  |
| comments | String(3000) |  | 0 | 1 | Att contact only |
| updated\_by | String(200) |  | 0 | 1 | userId, internal used |

Sample JSON: (Will be provided later)

##### Response

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Element name** | **Type** | **Valid Values** | **Min occurs** | **Max occurs** | **Description** |
| idContact | Integer |  | O | 1 | EDF generated userId |

### ContactDetail DELETE

##### Request

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Element name** | **Type** | **Valid Values** | **Min occurs** | **Max occurs** | **Description** |
| CINRHeader | *CINRHeader* |  | 1 | 1 |  |
| ~~sessionId~~ | ~~String(100)~~ |  | ~~1~~ | ~~1~~ |  |
| ~~transactionId~~ | ~~String(50)~~ |  | ~~1~~ | ~~1~~ |  |
| action | String(10) | remove | 1 | 1 | Remove only for Dec 17 release |
| idOrganization | Integer |  | 0  ~~1~~  <296357 US336899> | 1 | Customer identifier (GDB organization id).  If not sent/populated, then |
| idContact | Integer |  | 1 | 20 | At least one idContact is required – otherwise it is an empty request |

Sample JSON: (Will be provided later)

##### Response

HTTP OK

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **~~Element name~~** | **~~Type~~** | **~~Valid Values~~** | **~~Min occurs~~** | **~~Max occurs~~** | **~~Description~~** |
| *~~Sequence contactendut start~~* |  |  | *~~0~~* | *~~20~~* |  |
| ~~idContact~~ | ~~Integer~~ |  | ~~0~~ | ~~1~~ | ~~EDF generated contact id. If populated, the contact was deleted from contact DB or not found.~~ |
| ~~errorDescription~~ | ~~String(50)~~ |  | ~~0~~ | ~~1~~ | ~~Only for idContact not found.~~ |
| *~~Sequence contactOutput end~~* |  |  | *~~0~~* | *~~20~~* |  |

### ContactDetails GET

##### Request

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Element name** | **Type** | **Valid Values** | **Min occurs** | **Max occurs** | **Description** |
| CINRHeader | *CINRHeader* |  | 1 | 1 |  |
| ~~sessionId~~ | ~~String(100)~~ |  | ~~1~~ | ~~1~~ |  |
| ~~transactionId~~ | ~~String(50)~~ |  | ~~1~~ | ~~1~~ |  |
| idOrganization | Integer |  | 1 | 1 | Customer identifier (GDB organization id) if provided and no other optional fields provided, retrieve all contacts for the type |
| contactType | String(20) | att, client, partner, vendor | 1 | 1 |  |
| attuid | String(10) |  | 0 | 1 | Retrieve att contact |
| last\_name | String(100) |  | 0 | 1 | Retreive other contact types |
| first\_name | String(100) |  | 0 | 1 | Retreive other contact types |

Sample JSON: (Will be provided later)

##### Response

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Element name** | **Type** | **Valid Values** | **Min occurs** | **Max occurs** | **Description** |
| ~~sessionId~~ | ~~String (100)~~ |  | ~~1~~ | ~~1~~ | ~~This is the web server session id per user login~~ |
| ~~transactionId~~ | ~~String, AN(50)~~ |  | ~~1~~ | ~~1~~ | ~~Unique Id per request – generated by client~~ |
| noOfattContact | Integer |  | 1 | 1 |  |
| noOfClientContact | Integer |  | 1 | 1 |  |
| noOfPartnerContact | Integer |  | 1 | 1 |  |
| noOfVendorContact | Integer |  | 1 | 1 |  |
| *Sequence ContactDetail Start* |  |  | *1* | *500* |  |
| idContact | Integer |  | 1 | 1 | Contact ID |
| idOrganization | Integer |  | 1 | 1 | Customer identifier (GDB organization id) |
| autoSaveInd | String(1) | Y, N | 0 | 1 | For att contact only Default to N |
| attuid | String(20) |  | 0 | 1 | For att contact only |
| contactType | String(20) | att, client, partner, vendor | 1 | 1 |  |
| firstName | String(100) |  | 0 | 1 |  |
| lastName | String(100) |  | 1 | 1 |  |
| Company | String(100) |  | 0 | 1 |  |
| *Sequence RoleList Start* |  |  | *0* | *10* |  |
| roleId | Integer |  | 1 | 10 | Value provided by EDF |
| Role | String(100)  ~~String(40)~~  <296357 US336901> |  | 1 | 10 |  |
| *Sequence RoleList End* |  |  | *0* | *10* |  |
| attPhone | String(40) |  | 0 | 1 | Att contact only |
| phone1 | String(40) |  | 0 | 1 |  |
| phone2 | String(40) |  | 0 | 1 |  |
| email | String(80) |  | 0 | 1 |  |
| ~~address~~ | ~~String(100)~~ |  | ~~0~~ | ~~1~~ | ~~For att contact only~~ |
| ~~zip~~ | ~~String(50)~~ |  | ~~0~~ | ~~1~~ | ~~For att contact only~~ |
| ~~City~~ | ~~String(100)~~ |  | ~~0~~ | ~~1~~ | ~~For att contact only~~ |
| ~~country~~ | ~~String(80)~~ |  | ~~0~~ | ~~1~~ | ~~For att contact only~~ |
| Sequence RegionList Start |  |  | 0 | 10 |  |
| regionId | Integer |  | 1 | 1 | For att contact only Value provided by EDF |
| region | String(10) |  | 1 | 1 | For att contact only |
| *Sequence RegionList End* |  |  |  |  |  |
| comments | String(3000) |  | 0 | 1 | For att contact only |
| responseMessage | String(100) |  | 0 | 1 | idContact not found |
| *Sequence ContactDetail End* |  |  | *1* | *500* |  |

Sample JSON: (Will be provided later)

### ContactRoles POST

##### Request

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Element name** | **Type** | **Valid Values** | **Min occurs** | **Max occurs** | **Description** |
| CINRHeader | *CINRHeader* |  | 1 | 1 |  |
| ~~sessionId~~ | ~~String(100)~~ |  | ~~1~~ | ~~1~~ |  |
| ~~transactionId~~ | ~~String(50)~~ |  | ~~1~~ | ~~1~~ |  |
| contactType | String(20) | client, partner, vendor | 1 | 1 |  |
| *Sequence RoleList Start* |  |  | *1* | *35* |  |
| roleId | Integer |  | 0 | 1 | If no roleId, then it is a new role. |
| Role | String(100)  ~~String(40)~~  <296357 US336901> |  | 1 | 1 |  |
| *Sequence RoleList End* |  |  |  |  |  |

Sample JSON: (Will be provided later)

##### Response

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Element name** | **Type** | **Valid Values** | **Min occurs** | **Max occurs** | **Description** |
| *Sequence RoleList Start* |  |  | *1* | *35* |  |
| roleId | Integer |  | 1 | 1 |  |
| Role | String(100)  ~~String(40)~~  <296357 US336901> |  | 1 | 1 |  |
| *Sequence RoleList End* |  |  | *1* | *35* |  |

### ContactRoles DELETE

##### Request

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Element name** | **Type** | **Valid Values** | **Min occurs** | **Max occurs** | **Description** |
| CINRHeader | *CINRHeader* |  | 1 | 1 |  |
| ~~sessionId~~ | ~~String(100)~~ |  | ~~1~~ | ~~1~~ |  |
| ~~transactionId~~ | ~~String(50)~~ |  | ~~1~~ | ~~1~~ |  |
| contactType | String(20) | client, partner, vendor | 1 | 1 |  |
| roleId | Integer |  | 1 | 20 |  |

Sample JSON: (Will be provided later)

##### Response

HTTP OK

### ContactRoles GET

##### Request

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Element name** | **Type** | **Valid Values** | **Min occurs** | **Max occurs** | **Description** |
| CINRHeader | *CINRHeader* |  | 1 | 1 |  |
| ~~sessionId~~ | ~~String(100)~~ |  | ~~1~~ | ~~1~~ |  |
| ~~transactionId~~ | ~~String(50)~~ |  | ~~1~~ | ~~1~~ |  |
| contactType | String(20) | att, client, partner, vendor | 1 | 1 |  |
| roleId | Integer |  | 0 | 1 |  |
| Role | String(100)  ~~String(40)~~  <296357 US336901> |  | 0 | 1 |  |
| roleStatus | String(20) | ACTIVE, INACTIVE | 0 | 1 | <296357 US336869, US336870>  If ACTIVE, then roles with ACTIVE status will be returned.  If INACTIVE, then roles with INACTIVE status will be returned.  If not populated/sent then all roles will be returned.  Applies to contactType = att only. |

Sample JSON: (Will be provided later)

##### Response

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Element name** | **Type** | **Valid Values** | **Min occurs** | **Max occurs** | **Description** |
| ~~sessionId~~ | ~~String(100)~~ |  | ~~1~~ | ~~1~~ |  |
| ~~transactionId~~ | ~~String(50)~~ |  | ~~1~~ | ~~1~~ |  |
| contactType | String(20) | att, client, partner, vendor | 1 | 1 |  |
| *Sequence RoleList Start* |  |  | *1* | *35* |  |
| roleId | Integer |  | 1 | 1 |  |
| Role | String(100)  ~~String(40)~~  <296357 US336901> |  | 1 | 1 |  |
| roleStatus | String(20) |  | 1 | 1 | <296357 US336869, US336870> |
| *Sequence RoleList End* |  |  | *1* | *35* |  |

Sample JSON: (Will be provided later)

### attRegion GET

##### Request

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Element name** | **Type** | **Valid Values** | **Min occurs** | **Max occurs** | **Description** |
| CINRHeader | *CINRHeader* |  | 1 | 1 |  |
| ~~sessionId~~ | ~~String(100)~~ |  | ~~1~~ | ~~1~~ |  |
| ~~transactionId~~ | ~~String(50)~~ |  | ~~1~~ | ~~1~~ |  |
| regionId | Integer |  | 0 | 1 |  |
| region | String(50) |  | 0 | 1 |  |

Sample JSON: (Will be provided later)

##### Response

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Element name** | **Type** | **Valid Values** | **Min occurs** | **Max occurs** | **Description** |
| ~~sessionId~~ | ~~String(100)~~ |  | ~~1~~ | ~~1~~ |  |
| ~~transactionId~~ | ~~String(50)~~ |  | ~~1~~ | ~~1~~ |  |
| *Sequence RegionList Start* |  |  | 1 | 50 |  |
| regionId | Integer |  | 1 | 1 |  |
| region | String(50) |  | 1 | 1 |  |
| *Sequence RegionList End* |  |  | 1 | 50 |  |

Sample JSON: (Will be provided later)

### ContactClipLoad POST

Notes: EDF internal use for clip one time initial load

##### Request

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Element name** | **Type** | **Valid Values** | **Min occurs** | **Max occurs** | **Description** |
| CINRHeader | *CINRHeader* |  | 1 | 1 |  |
| ~~sessionId~~ | ~~String(100)~~ |  | ~~1~~ | ~~1~~ |  |
| ~~transactionId~~ | ~~String(50)~~ |  | ~~1~~ | ~~1~~ |  |
| contactType | String(20) | Att, client, partner, vendor | 0  ~~1~~ | 1 |  |
| gpsId | Integer |  | 0  ~~1~~ | 1 |  |
| customerId | Integer |  | 0 | 1 |  |
| clipId | String(15) |  | 0 | 1 |  |
| account | String(100) |  | 0 | 1 |  |
| accountAliase | String(100) |  | 0 | 1 |  |
| *Sequence contact clip load Start* |  |  | 0  ~~1~~ | *20* |  |
| Role | String(100)  ~~String(50)~~  <296357 US336901> |  | 0  ~~1~~ | 1 |  |
| lastName | String(100) |  | 0  ~~1~~ | 1 |  |
| firstName | String(100) |  | 0 | 1 |  |
| email | String(40) |  | 0 | 1 |  |
| attUid |  |  |  |  |  |
| telephone | String(50) |  | 0 | 1 |  |
| Region | String(30) |  | 0 | 10 |  |
| comments | String(3000) |  | 0 | 1 |  |
| *Sequence contact clip load End* |  |  | 0  ~~1~~ | *20* |  |

Sample JSON: (Will be provided later)

##### Response

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Element name** | **Type** | **Valid Values** | **Min occurs** | **Max occurs** | **Description** |
| Response | *CINRResponse* |  | 0 | 1 | Only for failures |

Sample JSON: (Will be provided later)

### ContactBulkInfo GET

This API will retrieve CINR\_CONTACT information for contacts that were created, updated and deleted. EDF internal use only.

##### Request

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Element name** | **Type** | **Valid Values** | **Min occurs** | **Max occurs** | **Description** |
| CINRHeader | *CINRHeader* |  | 1 | 1 |  |
| ~~sessionId~~ | ~~String(100)~~ |  | ~~1~~ | ~~1~~ |  |
| ~~transactionId~~ | ~~String(50)~~ |  | ~~1~~ | ~~1~~ |  |
| ~~contactToGDBInd~~ | ~~String(1)~~ | ~~Y~~ | ~~1~~ | ~~1~~ |  |
| RecordRange | CINRRecordRange |  | 0 | 1 | Used for pagination |

Sample JSON: (Will be provided later)

##### Response

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Element name** | **Type** | **Valid Values** | **Min occurs** | **Max occurs** | **Description** |
| *Sequence IdContactToRemove Start* |  |  | *0* | *100* |  |
| idContact | integer |  |  |  |  |
| *Sequence IdContactToRemove End* |  |  |  |  |  |
| *Sequence ContactCINR Start* |  |  | *0* | *100* |  |
| id | Integer |  | 1 | 1 |  |
| attuid | String(10) |  | 1 | 1 |  |
| lastName | Stirng(100) |  | 1 | 1 |  |
| firstName | String(100) |  | 1 | 1 |  |
| email | String(100) |  | 1 | 1 |  |
| phone | Stirng(50) |  | 1 | 1 |  |
| *Sequence ContactRegion Start* |  |  | *0* | *10* |  |
| region |  |  | 1 | 1 |  |
| *Sequence ContactRegion End* |  |  |  |  |  |
| *Sequence ContactOrganization Start* |  |  | *0* | *2000* |  |
| IdContactRole | integer |  | 1 | 1 |  |
| roleName | String(100)  ~~String(5)~~  <296357 US336901> |  | 0 | 1 |  |
| idOrganization | integer |  | 1 | 1 |  |
| contactType | String(10) |  | 1 | 1 |  |
| email | String(100) |  | 0 | 1 |  |
| phone1 | String(50) |  | 0 | 1 |  |
| phone2 | String(50) |  | 0 | 1 |  |
| company | String(100) |  | 0 | 1 |  |
| comments | String(3000) |  | 0 | 1 |  |
| autoSaveInd | String(1) |  | 0 | 1 |  |
| *Sequence ContactOrganization End* |  |  |  |  |  |
| *Sequence ContactCINR End* |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| RecordRange | CINRRecordRange |  | 0 | 1 | Used for pagination |

Sample JSON: (Will be provided later)

### ContactBulkInfoStatus POST

This API will provide the status of the GDB data load process. EDF internal use only.

##### Request

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Element name** | **Type** | **Valid Values** | **Min occurs** | **Max occurs** | **Description** |
| CINRHeader | *CINRHeader* |  | 1 | 1 |  |
| *Sequence idContactList Start* |  |  | *1* | *1* |  |
| idContact | Integer |  | 1 | 200 |  |
| *Sequence idContactList End* |  |  |  |  |  |

##### Response

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Element name** | **Type** | **Valid Values** | **Min occurs** | **Max occurs** | **Description** |
| Response | *CINRResponse* |  | 0 | 1 | Only for failures |

### ContactLock POST

<296357 US336882> This API allows a client to lock or unlock records in the EDF CINR\_CONTACT database for a given idContact.

##### Request

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Element name** | **Type** | **Valid Values** | **Min occurs** | **Max occurs** | **Description** |
| CINRHeader | *CINRHeader* |  | 1 | 1 |  |
| idContact | Integer |  | 1 | 1 |  |
| requestType | String(20) | LOCK, UNLOCK | 1 | 1 |  |

##### Response

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Element name** | **Type** | **Valid Values** | **Min occurs** | **Max occurs** | **Description** |
| Response | *CINRResponse* |  | 0 | 1 | Only for failures |

### Exceptions

Error Exception:

|  |  |
| --- | --- |
| **~~ErrorCode~~** | **~~Description~~** |
| ~~1~~ | ~~Invalid input exception.~~ |
| ~~100~~ | ~~Contact already exist for “idOrganization”~~ |
| ~~901~~ | ~~Request is currently locked by another user~~ |
| ~~999~~ | ~~Not authorized.~~ |
| ~~1000~~ | ~~Uncategorized error.~~ |
| ~~1004~~ | ~~No Data Found~~ |

|  |  |
| --- | --- |
| **ErrorCode** | **Description** |
| 200 | HTTP OK |
| 360 | Data Not Modified |
| 460 | Invalid Input |
| 461 | No Data Found |
| 560 | Database Error |
| 570 | Uncategorized Error |

## Authentication

The HTTP Basic authentication method is used for the application level authentication / authorization. The “Authorization” header should contain a base64 encoded string of the “username:password” provided to the Client applications.

The header section should contain the following data for authentication:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Element name** | **Type** | **Type Version** | **Min occurs** | **Max occurs** | **Version number** |
| Content-Type | String, A/N 256  Valid value: application/json |  | 1 | 1 |  |
| Accept | String, A/N 256  Valid value: application/json |  | 1 | 1 |  |
| Authorization | String, A/N 256  Basic authorization in a base64 encoded string of the username:password provided by calling application |  | 1 | 1 |  |

Example:

POST https://<server-address>/rest/SessionLogout

Content‐Type: application/json

Accept: application/json

Authorization: Basic zzzzz