

Bank Contact v2 (For Use with Contact Registry)

The Expand Bank Contact allows a financial institution to input and retrieve contact data from the Nacha Contact Registry.

Bank Contact v2 Test Data - INPUT information into the Contact Registry

Note: Other than the RTN information, different data than shown may be used to test on the input side as it does not match to anything in the sandbox to be accepted. The fields must match defined possible entries and meet any specified length and formatting requirements. Every entry must include the RTN and contactCategory.

Individual Contact partyTypes must contain the contactType, individual first and last name, title, email, phone, business hours, and time zone. Individual Contact partyTypes cannot contain Department Name.

Department Contact partyTypes must contain the department name, email, phone, business hours and time zone. Department Contact partyTypes cannot contain a contactType, individual first and last name, title, or optional log in access indicator.

Positive Responses – Inputting the data below using the Afinis sandbox should result in a positive (201 – ok) response, plus the echo of the input information. The Contact Registry will also assign a number for each contact registered. This will be a string with a max length of 35. This will appear in the response.

Field Name	Test Data 1 1 Contact for 1 Area	Field Name	Test Data 2 2 Contacts for 1 Area	Field Name	Test Data 3 2 Dept Contacts, 3 Ind Contacts
agent		agent		agent	
ClearingSystemIdentification mandatory	USABA	ClearingSystemIdentification mandatory		ClearingSystemIdentification mandatory	USABA
MemberIdentification [Bank ID/ABA RTN] mandatory	061103852	MemberIdentification [Bank ID/ABA RTN] mandatory	USABA 061103852	MemberIdentification [Bank ID/ABA RTN] mandatory	061103852
additionalInformation	Dept Number is 777-555-3932 Option 2, Option 1, Option 3	additionalInformation		additionalInformation	
bankContact		bankContact		bankContact	
contactCategory mandatory	ACH Operations	contactCategory mandatory	ACH Fraud	contactCategory mandatory	Wire
partyType mandatory	Individual	partyType mandatory	Individual	partyType mandatory	Department
contactType mandatory	Primary	contactType mandatory	Primary		

Field Name	Test Data 1 1 Contact for 1 Area	Field Name	Test Data 2 2 Contacts for 1 Area	Field Name	Test Data 3 2 Dept Contacts, 3 Ind Contacts
Contact Details		Contact Details		Contact Details	
Other		Other		Other	
channelType		channelType		channelType	
First Name mandatory	Rocky	First Name mandatory	Jeanette	Department Name mandatory	Wire Operations
Last Name mandatory	Fox	Last Name mandatory	Wamsley		
Extension optional		Extension optional	Ext 1	Extension optional	
Business Hours mandatory	0800-1700	Business Hours mandatory	0800-1700	Business Hours mandatory	0800-1700
Time Zone Name mandatory	America/New York	Time Zone Name mandatory	America/New York	Time Zone Name mandatory	America/New York
jobTitle mandatory	Director	jobTitle mandatory	SVP		
emailAddress mandatory	rfox@odfi.com	emailAddress mandatory	wamsleyj@odfi.com	emailAddress mandatory	wires@odfi.com
phoneNumber mandatory	777-555-3932	phoneNumber mandatory	777-555-3933	phoneNumber mandatory	777-555-3941
faxNumber optional		faxNumber optional		faxNumber optional	
loginAccess optional	False	loginAccess optional	False		
		bankContact		bankContact	
		contactCategory mandatory	ACH Fraud	contactCategory mandatory	Faster Payments
		partyType mandatory	Individual	partyType mandatory	Department
		contactType mandatory	Secondary		
		Contact Details		Contact Details	
		Other		Other	
		channelType		channelType	

Field Name	Test Data 1 1 Contact for 1 Area	Field Name	Test Data 2 2 Contacts for 1 Area	Field Name	Test Data 3 2 Dept Contacts, 3 Ind Contacts
		First Name mandatory	Miranda	Department Name mandatory	Electronic Payments
		Last Name mandatory	Ryder		
		Extension optional	Ext 2	Extension optional	Ext 35
		Business Hours mandatory	0800-1700	Business Hours mandatory	0800-1700
		Time Zone Name mandatory	America/New York	Time Zone Name mandatory	America/New York
		jobTitle mandatory	AVP		
		emailAddress mandatory	rydermj@odfi.com	emailAddress mandatory	elecipay@odfi.com
		phoneNumber mandatory	777-555-3933	phoneNumber mandatory	777-555-3940
		faxNumber optional		faxNumber optional	
		loginAccess optional	False		
				bankContact	
				contactCategory mandatory	ACH Operations
				partyType mandatory	Individual
				contactType mandatory	Primary
				Contact Details	
				Other	
				channelType	
				First Name mandatory	Paula
				Last Name mandatory	Payments

Field Name	Test Data 1 1 Contact for 1 Area	Field Name	Test Data 2 2 Contacts for 1 Area	Field Name	Test Data 3 2 Dept Contacts, 3 Ind Contacts
				Extension Optional	Ext 78
				Business Hours mandatory	0800-1700
				Time Zone Name mandatory	America/New York
				jobTitle mandatory	Director
				emailAddress mandatory	ppayments@odfi.com
				phoneNumber mandatory	777-555-3933
				faxNumber optional	
				logInAccess optional	True
				bankContact	
				contactCategory mandatory	ACH Operations
				partyType mandatory	Individual
				contactType mandatory	Secondary
				Contact Details	
				Other	
				channelType	
				First Name mandatory	Cari
				Last Name mandatory	Credit
				Extension Optional	Ext 89
				Business Hours mandatory	0800-1700

Field Name	Test Data 1 1 Contact for 1 Area	Field Name	Test Data 2 2 Contacts for 1 Area	Field Name	Test Data 3 2 Dept Contacts, 3 Ind Contacts
				Time Zone Name mandatory	America/New York
				jobTitle mandatory	Asst. Director
				emailAddress mandatory	ccredit@odfi.com
				phoneNumber mandatory	777-555-4911
				faxNumber optional	
				logInAccess optional	False
				bankContact	
				contactCategory mandatory	Legal
				partyType mandatory	Individual
				contactType mandatory	Other
				Contact Details	
				Other	
				channelType	
				First Name mandatory	Debbie
				Last Name mandatory	Debit
				Extension Optional	Ext 98
				Business Hours mandatory	0800-1700
				Time Zone Name mandatory	America/New York
				jobTitle mandatory	Asst. Director

Field Name	Test Data 1 1 Contact for 1 Area	Field Name	Test Data 2 2 Contacts for 1 Area	Field Name	Test Data 3 2 Dept Contacts, 3 Ind Contacts
				emailAddress mandatory	ddebit@odfi.com
				phoneNumber mandatory	777-555-4911
				faxNumber optional	
				logInAccess optional	No

Negative Responses - Inputting the data below should result in a negative response with error code information to reflect a bad email or a bad phone number, plus an echo of the input information.

Field Name	Test Data 4 BAD EMAIL	Field Name	Test Data 5 BAD PHONE NUMBER
Agent		agent	
ClearingSystemIdentification mandatory	USABA	ClearingSystemIdentification mandatory	USABA
MemberIdentification [Bank ID/ABA RTN] mandatory	061103852	MemberIdentification [Bank ID/ABA RTN] mandatory	061103852
additionalInformation		additionalInformation	
bankContact		bankContact	
contactCategory mandatory	ACH Operations	contactCategory mandatory	Legal
partyType mandatory	Individual	partyType mandatory	Department
contactType mandatory	Primary		
Contact Details		Contact Details	
Other		Other	
channelType		channelType	
First Name mandatory	Sarah	Department Name Mandatory	Legal

Field Name	Test Data 4 BAD EMAIL	Field Name	Test Data 5 BAD PHONE NUMBER
Last Name mandatory	Settlement		
Extension optional		Extension optional	
Business Hours mandatory	0800-1700	Business Hours mandatory	0800-1700
Time Zone Name mandatory	America/New York	Time Zone Name mandatory	America/New York
jobTitle mandatory	Director		
emailAddress mandatory	ssettlement@odfi.com	emailAddress mandatory	banklegal@odfi.com
phoneNumber mandatory	777-555-4956	phoneNumber mandatory	777-555-9999
faxNumber optional		faxNumber optional	
logInAccess optional	True		

Resource URL

Resource URL has been preset for the Bank Contact v2 – INPUT API.

Resource URL

`https://api.afinis.org/v2/banks/contact`

Header Parameter

An optional Request_Id may be inserted for tracing purposes.

Header Parameters ➤		
Name	Values	Description
Request_Id	<input type="text" value="xyz"/>	Optional Request ID allows application developer to trace requests through the systems logs
Content-Type <i>(required)</i>	<input type="text" value="application/json"/>	

Also, remember to set the apikey before sending the API request.

Request Body

Input the relevant fields in the value tab from the sample test data provided.

```
1 {
2   "agent": {
3     "clearingSystemIdentification": "USABA",
4     "memberIdentification": "061103852"
5   },
6   "additionalInformation": "Dept Number is 777-555-3932 option 2, option 1,
7   "bankContact": [
8     {
9       "partyType": "Individual",
10      "contactType": "Primary",
11      "contactCategory": "ACH Operations",
12      "loginAccess": false,
13      "contactDetails": [
14        {
15          "phoneNumber": "777-555-3932",
16          "emailAddress": "rfox@odfi.com",
17          "jobTitle": "Director",
18          "other": [
19            {
20              "channelType": "FNM",
21              "identification": "Rocky"
22            },
23            {
24              "channelType": "LNM",
25              "identification": "Fox"
26            },
27            {
28              "channelType": "BH",
29              "identification": "08:00-17:00"
30            },
31            {
32              "channelType": "TZ",
33              "identification": "America/New_York"
34            }
35          ]
36        }
37      ]
38    }
39  ]
40 }
```

Response - A successful outcome will return a **201** response.

HTTP/1.1 201

Access-Control-Allow-Credentials: true
Access-Control-Allow-Origin: <https://test.afinis.org>
Connection: keep-alive
Content-Length: 859
Content-Type: application/json;charset=UTF-8
Date: Wed, 06 Jan 2021 18:23:41 GMT
Set-Cookie: JSESSIONID=70BC0566021A76FCCEED58E23602D7B9;path=/;Secure;HttpOnly
Vary: Origin
X-Application-Context: application:8443

```
{
  "agent": {
    "clearingSystemIdentification": "USABA"
  },
  "additionalInformation": "Dept Number is 777-555-3932 option 2, option 1, opt:
  "bankContact": [
    {
      "contactType": "Primary",
      "contactCategory": "ACH Operations",
      "partyType": "Individual",
      "identification": "84e22c-12c8-4266-bc1-9de1ca448c",
      "loginAccess": "false",
      "contactDetails": [
        {
          "phoneNumber": "777-555-3932",
          "emailAddress": "rfox@odfi.com",
          "jobTitle": "Director",
          "other": [
            {
              "channelType": "FNM",
              "identification": "Rocky"
            },
            {
              "channelType": "LNM",
              "identification": "Fox"
            },
            {
              "channelType": "BH",
              "identification": "08:00-17:00"
            },
            {
              "channelType": "TZ",
              "identification": "America/New_York"
            }
          ]
        }
      ]
    }
  ]
}
```

A test call that does not include one or more of the required values (e.g., missing field), or a test call that provides an invalid value, will return an appropriate error response. When there is a 4XX error, additional description will help debug errors.

In the case of error messages, most commonly the request or request payload is invalid.

Example of an error response with an invalid format (e.g., improper JSON structure):

HTTP/1.1 400

Access-Control-Allow-Credentials: true
Access-Control-Allow-Origin: <https://test.afinis.org>
Connection: keep-alive
Content-Length: 91
Content-Type: application/json;charset=UTF-8
Date: Tue, 29 Sep 2020 16:13:32 GMT
Set-Cookie: JSESSIONID=7C1ECD193198D80C99D37D96B1D8F148;path=/;Secure;HttpOnly
Vary: Origin
X-Application-Context: application:8443

```
{
  "detail": [
    {
      "errorCode": 2000,
      "message": "Invalid JSON structure"
    }
  ]
}
```

Example of an error response with a missing field:

```
HTTP/1.1 400

Access-Control-Allow-Credentials: true
Access-Control-Allow-Origin: https://test.afinis.org
Connection: keep-alive
Content-Length: 142
Content-Type: application/json;charset=UTF-8
Date: Wed, 06 Jan 2021 18:37:30 GMT
Set-Cookie: JSESSIONID=51E4A821BEB4ABB3BE08E2565F365029;path=/;Secure;HttpOnly
Vary: Origin
X-Application-Context: application:8443

{
  "details": [
    {
      "errorCode": 2001,
      "message": "memberIdentification is missing or invalid [agent.memberIdent:
    ]
  ]
}
```

Bank Contact v2 Test Data - Retrieve information from the Contact Registry

Positive Responses – Inputting the data below using the Afinis sandbox should result in a positive (201 – ok) response, plus the information requested. For any area submitted you will either receive a department contact back or one or more individual contacts.

Field Name	Test Data 1 1 Area Ind Contacts	Field Name	Test Data 2 1 Area Dept Contact	Field Name	Test Data 3 All Contacts
ClearingSystemIdentification mandatory	USABA	ClearingSystemIdentification mandatory	USABA	ClearingSystemIdentification mandatory	USABA
MemberIdentification [Bank ID/ABA RTN] mandatory	061103852	MemberIdentification [Bank ID/ABA RTN] mandatory	061103852	MemberIdentification [Bank ID/ABA RTN] mandatory	061103852
contactCategory mandatory	Wire	contactCategory mandatory	ACH Fraud	contactCategory mandatory	ALL

200 Responses:

Field Name	Test Data 1 1 Area Ind Contacts	Field Name	Test Data 2 1 Area Dept Contact	Field Name	Test Data 3 All Contacts
agent		agent		agent	
ClearingSystemIdentification mandatory	USABA	ClearingSystemIdentification mandatory	USABA	ClearingSystemIdentification mandatory	USABA
MemberIdentification [Bank ID/ABA RTN] mandatory	061103852	MemberIdentification [Bank ID/ABA RTN] mandatory	061103852	MemberIdentification [Bank ID/ABA RTN] mandatory	061103852
additionalInformation		additionalInformation		additionalInformation	
bankContact		bankContact		bankContact	
contactCategory mandatory	Wire	contactCategory mandatory	ACH Fraud	contactCategory mandatory	Wire
partyType mandatory	Individual	partyType mandatory	Department	partyType mandatory	Individual
contactType mandatory	Primary			contactType mandatory	Primary
Contact Details		Contact Details		Contact Details	
Other		Other		Other	
channelType		channelType		channelType	
First Name mandatory	Linda	Department Name mandatory	Fraud	First Name mandatory	Linda

Field Name	Test Data 1 1 Area Ind Contacts	Field Name	Test Data 2 1 Area Dept Contact	Field Name	Test Data 3 All Contacts
Last Name mandatory	Lobby			Last Name mandatory	Lobby
Extension optional	Ext 781	Extension optional		Extension optional	Ext 781
Business Hours mandatory	0800-1700	Business Hours mandatory	0800-1700	Business Hours mandatory	0800-1700
Time Zone Name mandatory	America/New York	Time Zone Name mandatory	America/New York	Time Zone Name mandatory	America/New York
jobTitle mandatory	Director			jobTitle mandatory	Director
emailAddress mandatory	Linda.lobby@rdfi.com	emailAddress mandatory	fraud@rdfi.com	emailAddress mandatory	Linda.lobby@rdfi.com
phoneNumber mandatory	777-555-5932	phoneNumber mandatory	777-555-5941	phoneNumber mandatory	777-555-5932
faxNumber optional	777-555-6932	faxNumber optional		faxNumber optional	777-555-6932
bankContact				bankContact	
contactCategory mandatory	Wire			contactCategory mandatory	Wire
partyType mandatory	Individual			partyType mandatory	Individual
contactType mandatory	Secondary			contactType mandatory	Secondary
Contact Details				Contact Details	
Other				Other	
channelType				channelType	
First Name mandatory	Mary			First Name mandatory	Mary
Last Name mandatory	Money			Last Name mandatory	Money
Extension optional	Ext 789			Extension optional	Ext 789
Business Hours mandatory	0800-1700			Business Hours mandatory	0800-1700

Field Name	Test Data 1 1 Area Ind Contacts	Field Name	Test Data 2 1 Area Dept Contact	Field Name	Test Data 3 All Contacts
Time Zone Name mandatory	America/New York			Time Zone Name mandatory	America/New York
jobTitle mandatory	Senior Director			jobTitle mandatory	Senior Director
emailAddress mandatory	Mary.Money@rdfi.com			emailAddress mandatory	Mary.Money@rdfi.com
phoneNumber mandatory	777-555-5932			phoneNumber mandatory	777-555-5932
faxNumber optional	777-555-6932			faxNumber optional	777-555-6932
bankContact				bankContact	
contactCategory mandatory	Wire			contactCategory mandatory	Wire
partyType mandatory	Individual			partyType mandatory	Individual
contactType mandatory	Other			contactType mandatory	Other
Contact Details				Contact Details	
Other				Other	
channelType				channelType	
First Name mandatory	Carol			First Name mandatory	Carol
Last Name mandatory	Coins			Last Name mandatory	Coins
Extension optional	Ext 111			Extension optional	Ext 111
Business Hours mandatory	0800-1700			Business Hours mandatory	0800-1700
Time Zone Name mandatory	America/New York			Time Zone Name mandatory	America/New York
jobTitle mandatory	Director			jobTitle mandatory	Director
emailAddress mandatory	Carol.Corins@rdfi.com			emailAddress mandatory	Carol.Corins@rdfi.com

Field Name	Test Data 1 1 Area Ind Contacts	Field Name	Test Data 2 1 Area Dept Contact	Field Name	Test Data 3 All Contacts
phoneNumber mandatory	777-555-5972			phoneNumber mandatory	777-555-5972
faxNumber optional	777-555-6932			faxNumber optional	777-555-6932
				bankContact	
				contactCategory mandatory	ACH Fraud
				partyType mandatory	Department
				Contact Details	
				Other	
				channelType	
				Department Name mandatory	Fraud
				Extension optional	
				Business Hours mandatory	0800-1700
				Time Zone Name mandatory	America/New York
				emailAddress mandatory	fraud@rdfi.com
				phoneNumber mandatory	777-555-5941
				faxNumber optional	
				bankContact	
				contactCategory mandatory	ACH Operations
				partyType mandatory	Individual
				contactType mandatory	Primary

Field Name	Test Data 1 1 Area Ind Contacts	Field Name	Test Data 2 1 Area Dept Contact	Field Name	Test Data 3 All Contacts
				Contact Details	
				Other	
				channelType	
				First Name mandatory	Linda
				Last Name mandatory	Lobby
				Extension optional	Ext 781
				Business Hours mandatory	0800-1700
				Time Zone Name mandatory	America/New York
				jobTitle mandatory	Director
				emailAddress mandatory	Linda.lobby@rdfi.com
				phoneNumber mandatory	777-555-5932
				faxNumber optional	777-555-6932
				bankContact	
				contactCategory mandatory	ACH Operations
				partyType mandatory	Individual
				contactType mandatory	Secondary
				Contact Details	
				Other	
				channelType	
				First Name mandatory	Brenda
				Last Name mandatory	Branch

Field Name	Test Data 1 1 Area Ind Contacts	Field Name	Test Data 2 1 Area Dept Contact	Field Name	Test Data 3 All Contacts
				Extension optional	Ext 924
				Business Hours mandatory	0800-1700
				Time Zone Name mandatory	America/New York
				jobTitle mandatory	Asst Director
				emailAddress mandatory	Brenda.Branch@rdfi.com
				phoneNumber mandatory	777-555-5933
				faxNumber optional	777-555-6932

Resource URL

Resource URL has been preset for the Bank Contact v2 - RETRIEVE API.

Resource URL

<https://api.afinis.org/v2/banks/contact>

Header Parameter

An optional Request_Id may be inserted for tracing purposes.

Name	Values	Description
Request_Id	<input type="text" value="xyz"/>	Optional Request ID allows application developer to trace requests through the systems logs
Content-Type <i>(required)</i>	<input type="text" value="application/json"/>	

Also, remember to set the apikey before sending the API request. **Request Body**

Input the relevant fields in the value tab from the sample test data provided.

Query Parameters

Name	Values	Description
memberIdentification <i>(required)</i>	<input type="text" value="061103852"/>	Identification of a member of a clearing system e.g., a U.S. transit routing number or Canadian Payments Association Routing Number
contactCategory <i>(required)</i>	<input type="text" value="Wire"/>	Contact Category

Response - A successful outcome will return a **200** response.

HTTP/1.1 200

Access-Control-Allow-Credentials: true
Access-Control-Allow-Origin: https://test.afinis.org
Connection: keep-alive
Content-Length: 2265
Content-Type: application/json;charset=UTF-8
Date: Thu, 07 Jan 2021 21:37:55 GMT
Set-Cookie: JSESSIONID=5DD55481FAAE995A507122BA7A3791B8;path=/;Secure;HttpOnly
Vary: Origin
X-Application-Context: application:8443

```
{
  "agent": {
    "clearingSystemIdentification": "USABA",
    "memberIdentification": "061103852"
  },
  "bankContact": [
    {
      "contactType": "Primary",
      "contactCategory": "Wire",
      "partyType": "Individual",
      "contactDetails": [
        {
          "phoneNumber": "777-555-5932",
          "faxNumber": "777-555-6932",
          "emailAddress": "linda.lobby@rdfi.com",
          "jobTitle": "Director",
          "other": [
            {
              "channelType": "FNM",
              "identification": "Linda"
            },
            {
              "channelType": "LNM",
              "identification": "Lobby"
            },
            {
              "channelType": "EXT",
              "identification": "Ext 781"
            },
            {
              "channelType": "BH",
              "identification": "08:00-17:00"
            },
            {
              "channelType": "TZ",
              "identification": "America/New_York"
            }
          ]
        }
      ]
    }
  ]
}
```

```
{
  "contactType": "Secondary",
  "contactCategory": "Wire",
  "partyType": "Individual",
  "contactDetails": [
    {
      "phoneNumber": "777-555-5932",
      "faxNumber": "777-555-6932",
      "emailAddress": "Mary.Money@rdfi.com",
      "jobTitle": "Senior Director",
      "other": [
        {
          "channelType": "FNM",
          "identification": "Mary"
        },
        {
          "channelType": "LNM",
          "identification": "Money"
        },
        {
          "channelType": "EXT",
          "identification": "Ext 789"
        },
        {
          "channelType": "BH",
          "identification": "08:00-17:00"
        },
        {
          "channelType": "TZ",
          "identification": "America/New_York"
        }
      ]
    }
  ],
  {
    "contactType": "Other",
    "contactCategory": "Wire",
    "partyType": "Individual",
    "contactDetails": [
      {
        "phoneNumber": "777-555-5972",
        "faxNumber": "777-555-6932",
        "emailAddress": "Carol.Coins@rdfi.com",
        "jobTitle": "Director",
        "other": [
          {
            "channelType": "FNM",
            "identification": "Carol"
          },
          {
            "channelType": "LNM",
            "identification": "Coins"
          }
        ]
      }
    ]
  }
}
```

```
    },  
    {  
      "channelType": "EXT",  
      "identification": "Ext 111"  
    },  
    {  
      "channelType": "BH",  
      "identification": "08:00-17:00"  
    },  
    {  
      "channelType": "TZ",  
      "identification": "America/New_York"  
    }  
  ]  
}  
]  
}  
]  
}  
]  
}
```