

# Kelly RESTful HTTP API

Document version: 0.0.7

## Common parameters

<b>view</b> optional	Responsible for response data representation. <b>Allowable values:</b> json, xml (xml not available now). <b>Default value:</b> json
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## Resource :gateways

### Methods

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#### GET /gateways

*Method description*

Return all available gateways

*Response Information*

Object: Gateways

HTTP code: 200 OK

*Example Request*

GET <http://127.0.0.1/gateways>

---

## GET /gateways/:id

### Method description

Return certain gateway

### Response Information

Object: Gateway

HTTP code: 200 OK

### Example Request

GET <http://127.0.0.1/gateways/7dc235d0-c938-4b66-8f8c-c9037c7eace7>

---

## POST /gateways

### Method description

Create new gateway.

### Parameters

<b>id</b> optional	<b>Unique.</b> UUID. If did not specified, generated by server. Unique. <b>Example Values:</b> 7dc235d0-c938-4b66-8f8c-c9037c7eace7
<b>name</b> required	Specifies name of gateway. <b>Example Values:</b> test_gtw
<b>rps</b> required	Specifies requests per second value restriction for gateway. Non negative integer. <b>Example Values:</b> 150

### Response Information

Object: Gateway

HTTP code: 201 Created

### Example Request

POST <http://127.0.0.1:8080/gateways>

POST Data `id=7dc235d0-c938-4b66-8f8c-c9037c7eace7&name=test_gtw&rps=150`

---

## PUT `/gateways/:id`

### *Method description*

Update existing gateway.

### *Parameters*

<b>id</b> required	UUID. <b>Example Values:</b> 7dc235d0-c938-4b66-8f8c-c9037c7eace7
<b>name</b> optional	Specifies new name of gateway. <b>Example Values:</b> test_gtw
<b>rps</b> optional	Specifies new requests per second value restriction for gateway. Non negative integer. <b>Example Values:</b> 150

### *Response Information*

Object: Gateway

HTTP code: 200 OK

### *Example Request*

PUT [http://127.0.0.1:8080/gateways?id=7dc235d0-c938-4b66-8f8c-c9037c7eace7&name=test\\_gtw&rps=150](http://127.0.0.1:8080/gateways?id=7dc235d0-c938-4b66-8f8c-c9037c7eace7&name=test_gtw&rps=150)

---

## DELETE `/gateways/:id`

### *Method description*

Remove gateway.

### *Response Information*

Object: none  
HTTP code: 204 No content

#### *Example Request*

DELETE <http://127.0.0.1:8080/gateways/7dc235d0-c938-4b66-8f8c-c9037c7eace7>

---

## Objects

### Gateway

```
{
  id: "7dc235d0-c938-4b66-8f8c-c9037c7eace7",
  name: "test_gtw",
  rps: 100,
  connections: [
    {
      id: 1,
      type: receiver,
      addr: "127.0.0.1",
      port: 8001,
      sys_id: "smppclient2",
      pass: "password",
      sys_type: "smppclient2",
      addr_ton: 0,
      addr_npi: 0,
      addr_range: ""
    },
    {
      id: 0,
      type: receiver,
      addr: "127.0.0.1",
      port: 8001,
```

```
        sys_id: "smppclient1",
        pass: "password",
        sys_type: "smppclient1",
        addr_ton: 0,
        addr_npi: 0,
        addr_range: ""
    }
}
```

### Gateways

```
{
  gateways: [
    {
      id: "7dc235d0-c938-4b66-8f8c-c9037c7eace7",
      name: "12345",
      rps: 12345,
      connections: []
    },
    {
      id: "7dc235d0-c938-4b66-8f8c-c9037c7eace7",
      name: "test_gtw",
      rps: 10000,
      connections: []
    }
  ]
}
```

## Resource :connections

### Methods

---

## **GET /gateways/:gateway\_id/connections**

### *Method description*

Return all gateway connections.

### *Response Information*

Object: Connections

HTTP code: 200 OK

### *Example Request*

GET http://127.0.0.1:8080/gateways/7dc235d0-c938-4b66-8f8c-c9037c7eace7/connections

---

## **GET /gateways/:gateway\_id/connections/:connection\_id**

### *Method description*

Return specified connection.

### *Response Information*

Object: Connection

HTTP code: 200 OK

### *Example Request*

GET http://127.0.0.1:8080/gateways/7dc235d0-c938-4b66-8f8c-c9037c7eace7/connections/0

---

## **POST /gateways/:id/connections**

### *Method description*

Create new connection.

### Parameters

<b>id</b> optional	Non negative integer. Generated by server.
<b>type</b> required	Allowable values: <ul style="list-style-type: none"><li>• receiver</li><li>• transceiver</li><li>• transmitter</li></ul> <b>Example Values:</b> receiver
<b>addr</b> required	IP address. <b>Example Values:</b> 127.0.0.1
<b>port</b> required	Port. Positive integer. <b>Example Values:</b> 8085
<b>sys_id</b> required	Connection system id. <b>Example Values:</b> smppclient1
<b>pass</b> required	Password. <b>Example Values:</b> password
<b>sys_type</b> required	Connection system type. <b>Example Values:</b> smppclient1
<b>addr_ton</b> required	Type of number. <b>Allowable values:</b> Unknown = 0 International = 1 National = 2 Network Specific = 3 Subscriber Number = 4 Alphanumeric = 5 Abbreviated = 6 <b>Example Values:</b> 0

<b>addr_npi</b> required	Numbering plan identification. <b>Allowable values:</b> Unknown = 0 ISDN/telephone numbering plan (E163/E164) = 1 Data numbering plan (X.121) = 3 Telex numbering plan (F.69) = 4 Land Mobile (E.212) =6 National numbering plan = 8 Private numbering plan = 9 ERMES numbering plan (ETSI DE/PS 3 01-3) = 10 Internet (IP) = 13 WAP Client Id (to be defined by WAP Forum) = 18 <b>Example Values:</b> 0
<b>addr_range</b> required	<b>Example Values:</b> ""

#### *Response Information*

Object: Connection

HTTP code: 201 Created

#### *Example Request*

POST http://127.0.0.1:8080/gateways/7dc235d0-c938-4b66-8f8c-c9037c7eace7/connections

POST Data

type=receiver&addr=127.0.0.1&port=8001&sys\_id=smpclient1&pass=password&sys\_type=smpclient1&addr\_ton=0&addr\_npi=0&addr\_range=

**PUT** /gateways/:gateway\_id/connections/:connection\_id

#### *Method description*

Update existing connection.

#### *Parameters*



<b>See POST section. All parameters available, but optional.</b>	
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*Response Information*

Object: Connection  
HTTP code: 200 OK

*Example Request*

PUT [http://127.0.0.1:8080/gateways/7dc235d0-c938-4b66-8f8c-c9037c7eace7/connections/0?type=receiver&addr=127.0.0.1&port=8001&sys\\_id=smpclient1&pass=password&sys\\_type=smpclient1&addr\\_ton=0&addr\\_npi=0&addr\\_range=](http://127.0.0.1:8080/gateways/7dc235d0-c938-4b66-8f8c-c9037c7eace7/connections/0?type=receiver&addr=127.0.0.1&port=8001&sys_id=smpclient1&pass=password&sys_type=smpclient1&addr_ton=0&addr_npi=0&addr_range=)

---

**DELETE** [/gateways/:gateway\\_id/connections/:connection\\_id](#)

*Method description*

Remove existing connection.

*Response Information*

Object: none  
HTTP code: 204 No content

*Example request*

DELETE <http://127.0.0.1:8080/gateways/7dc235d0-c938-4b66-8f8c-c9037c7eace7/connections/0>

---

## Objects

### Connection

```
{  
  id: 1,
```

```
    type: "receiver",
    addr: "127.0.0.1",
    port: 8001,
    sys_id: "smppclient2",
    pass: "password",
    sys_type: "smppclient2",
    addr_ton: 0,
    addr_npi: 0,
    addr_range: ""
}
```

### Connections

```
{
  connections: [
    {
      id: 1,
      type: "receiver",
      addr: "127.0.0.1",
      port: 8001,
      sys_id: "smppclient2",
      pass: "password",
      sys_type: "smppclient2",
      addr_ton: 0,
      addr_npi: 0,
      addr_range: ""
    },
    {
      id: 0,
      type: "receiver",
      addr: "127.0.0.1",
      port: 8001,
      sys_id: "smppclient1",
      pass: "password",
```

```
        sys_type: "smppclient1",  
        addr_ton: 0,  
        addr_npi: 0,  
        addr_range: ""  
    }  
}
```

## Resource :provider

### Methods

---

#### GET /providers

##### *Method description*

Return all available providers.

##### *Response Information*

Object: Providers

HTTP code: 200 OK

##### *Example Request*

GET http://127.0.0.1:8080/providers

---

#### GET /providers/:id

##### *Method description*

Return specified provider.

##### *Response Information*

Object: Provider  
HTTP code: 200 OK

*Example Request*

GET <http://127.0.0.1:8080/providers/0a89542c-5270-11e1-bf27-001d0947ec73>

---

## POST /providers

*Method description*

Create new provider.

*Parameters*

<b>id</b> optional	UUID. If did not specified, generated by server. <b>Example Values:</b> 0a89542c-5270-11e1-bf27-001d0947ec73
<b>gateway</b> required	Gateway uuid. <b>Example Values:</b> 7dc235d0-c938-4b66-8f8c-c9037c7eace7
<b>bulk_gateway</b> required	Bulk gateway uuid. <b>Example Values:</b> 7dc235d0-c938-4b66-8f8c-c9037c7eace7
<b>receipts_supported</b> required	Boolean. <b>Example Values:</b> false

*Response Information*

Object: Provider  
HTTP code: 201 Created

*Example Request*

POST http://127.0.0.1:8080/providers/  
POST Data id=0a89542c-5270-11e1-bf27-001d0947ec73&gateway=7dc235d0-c938-4b66-8f8c-c9037c7eace7&bulk\_gateway=7dc235d0-c938-4b66-8f8c-c9037c7eace7&receipts\_supported=false

---

## PUT /providers/:id

### Method description

Update existing provider.

### Parameters

<b>id</b> required	UUID. If did not specified, generated by server. <b>Example Values:</b> 0a89542c-5270-11e1-bf27-001d0947ec73
<b>gateway</b> optional	Gateway uuid. <b>Example Values:</b> 7dc235d0-c938-4b66-8f8c-c9037c7eace7
<b>bulk_gateway</b> optional	Bulk gateway uuid. <b>Example Values:</b> 7dc235d0-c938-4b66-8f8c-c9037c7eace7
<b>receipts_supported</b> optional	Boolean. <b>Example Values:</b> false

### Response Information

Object: Provider

HTTP code: 200 OK

### Example Request

PUT [http://127.0.0.1:8080/providers/?id=0a89542c-5270-11e1-bf27-001d0947ec73&gateway=7dc235d0-c938-4b66-8f8c-c9037c7eace7&bulk\\_gateway=7dc235d0-c938-4b66-8f8c-c9037c7eace7&receipts\\_supported=false](http://127.0.0.1:8080/providers/?id=0a89542c-5270-11e1-bf27-001d0947ec73&gateway=7dc235d0-c938-4b66-8f8c-c9037c7eace7&bulk_gateway=7dc235d0-c938-4b66-8f8c-c9037c7eace7&receipts_supported=false)

---

## DELETE /providers/:id

### Method description

Remove existing provider.

### *Response Information*

Object: none

HTTP code: 204 No content

### *Example Request*

DELETE http://127.0.0.1:8080/providers/0a89542c-5270-11e1-bf27-001d0947ec73

---

## **Objects**

### **Provider**

```
{
  provider: {
    id: "0a89542c-5270-11e1-bf27-001d0947ec73",
    gateway: "7dc235d0-c938-4b66-8f8c-c9037c7eace7",
    bulk_gateway: "7dc235d0-c938-4b66-8f8c-c9037c7eace7",
    receipts_supported: true
  }
}
```

### **Providers**

```
{
  providers: [
    {
      id: "0a89542c-5270-11e1-bf27-001d0947ec73",
      gateway: "7dc235d0-c938-4b66-8f8c-c9037c7eace7",
      bulk_gateway: "7dc235d0-c938-4b66-8f8c-c9037c7eace7",
      receipts_supported: true
    }
  ]
}
```

## Resource :networks

---

### GET /networks

#### *Method description*

Return all available networks.

#### *Response Information*

Object: Networks

HTTP code: 200 OK

#### *Example Request*

GET <http://127.0.0.1:8080/networks/>

---

### GET /networks/:id

#### *Method description*

Return specified network.

#### *Response Information*

Object: Network

HTTP code: 200 OK

#### *Example Request*

GET <http://127.0.0.1:8080/networks/20a009a-5270-11e1-b961-001d0947ec73>

---

### POST /networks

#### Method description

Create new network.

#### Parameters

<b>id</b> optional	UUID. If did not specified, generated by server. <b>Example Values:</b> 920a009a-5270-11e1-b961-001d0947ec73
<b>country_code</b> required	Positive integer. <b>Example Values:</b> 375
<b>numbers_len</b> required	Positive integer. <b>Example Values:</b> 7
<b>prefixes</b> required	<b>Repeated.</b> Positive integers. <b>Example Values:</b> 29
<b>provider_id</b> required	Provider UUID. <b>Example Values:</b> 0a89542c-5270-11e1-bf27-001d0947ec73

#### Response Information

Object: Network

HTTP code: 201 Created

#### Example Request

POST 127.0.0.1:8080/networks

POST Data id=920a009a-5270-11e1-b961-

001d0947ec73&country\_code=375&numbers\_len=12&prefixes=29;44&provider\_id=0a89542c-5270-11e1-bf27-001d0947ec73

---

**PUT** /networks/:id

#### Method description

Update existing network.



#### Parameters

<b>id</b> required	UUID. If did not specified, generated by server. <b>Example Values:</b> 920a009a-5270-11e1-b961-001d0947ec73
<b>country_code</b> optional	Positive integer. <b>Example Values:</b> 375
<b>numbers_len</b> optional	Positive integer. <b>Example Values:</b> 7
<b>prefixes</b> optional	<b>Repeated.</b> Positive integers. <b>Example Values:</b> 29
<b>provider_id</b> optional	Provider UUID. <b>Example Values:</b> 0a89542c-5270-11e1-bf27-001d0947ec73

#### Response Information

Object: Network

HTTP code: 200 OK

#### Example Request

PUT 127.0.0.1:8080/networks?id=920a009a-5270-11e1-b961-001d0947ec73&country\_code=375&numbers\_len=12&prefixes=29;44&provider\_id=0a89542c-5270-11e1-bf27-001d0947ec73

---

#### DELETE /networks/:id

#### Method description

Remove existing network.

#### Response Information

Object: none

HTTP code: 204 No content

*Example Request*

DELETE <http://127.0.0.1:8080/networks/920a009a-5270-11e1-b961-001d0947ec73>

---

## Objects

### Network

```
{
  network: {
    id: "3b25cd8e-5eca-11e1-bf77-00269e42f7a5",
    country_code: 375,
    numbers_len: 12,
    prefixes: [
      25
    ],
    provider_id: "0a89542c-5270-11e1-bf27-001d0947ec73"
  }
}
```

### Networks

```
{
  networks: [
    {
      id: "3b25cd8e-5eca-11e1-bf77-00269e42f7a5",
      country_code: 375,
      numbers_len: 12,
      prefixes: [
        25
      ],
      provider_id: "0a89542c-5270-11e1-bf27-001d0947ec73"
    },
  ]
}
```

```
{
  {
    id: "920a009a-5270-11e1-b961-001d0947ec73",
    country_code: 375,
    numbers_len: 12,
    prefixes: [
      29,
      33,
      44
    ],
    provider_id: "0a89542c-5270-11e1-bf27-001d0947ec73"
  }
}
```

## Resources :customers

### Methods

---

**GET**    /customers

*Method description*

Return all available customers.

*Response Information*

Object: Customers  
HTTP code: 200 OK

*Example Request*

GET    <http://127.0.0.1:8080/customers>

---

## GET /customers/:id

### Method description

Return specified customer. ID is customer system id.

### Response Information

Object: Customer

HTTP code: 200 OK

### Example Request

GET <http://127.0.0.1:8080/customer/feda5822-5271-11e1-bd27-001d0947ec73>

---

## POST /customer

### Method description

Create new customer.

### Parameters

<b>id</b> optional	Customer UUID. <b>Example Values:</b> feda5822-5271-11e1-bd27-001d0947ec73
<b>system_id</b> required	Customer system id (SMPP ID/login). <b>Example Values:</b> test-sys-id
<b>priority</b> optional	Non negative integer. <b>Obsolete</b> <b>Example Values:</b> 0
<b>rps</b> required	Integer. <b>Disabled.</b> <b>Example Values:</b> 0

<b>originators</b> required	<b>Repeated.</b> Customer originator. allowed_originator is comma-delimited list of: addr(string), ton(integer), npi(integer). <b>Example Values:</b> 375296662323,0,0
<b>default_originator</b> required	Default customer originator. <b>Example Values:</b> 375296662323,0,0
<b>networks</b> required	<b>Repeated.</b> <b>Example Values:</b> 920a009a-5270-11e1-b961-001d0947ec73
<b>default_provider_id</b> required	Provider UUID. <b>Example Values:</b>
<b>receipts_allowed</b> required	Boolean. <b>Example Values:</b> true
<b>no_retry</b> optional	Boolean. <b>Obsolete</b> <b>Example Values:</b> true
<b>max_validity</b> required	Maximum message validity period. Non negative integer. Seconds. <b>Example Values:</b> 70000
<b>default_validity</b> required	The validity_period parameter indicates the SMSC expiration time, after which the message should be discarded if not delivered to the destination. It can be defined in absolute time format or relative time format. The encoding of absolute and relative time format is specified in Section 7.1.1 of SMPP v3.4. <b>Example Values:</b> 0000030000000000R - 3 days relative to SMSC time.
<b>state</b> required	Customer state. Allowable values: 0 (blocked), 1 (active) <b>Example Values:</b> 0

#### *Response Information*

Object: Customer

HTTP code: 201 Created

#### *Example Request*

POST <http://127.0.0.1:8080/customers>  
POST Data `id=feda5822-5271-11e1-bd27-001d0947ec73&system_id=test-sys-id&rps=300&originators=375296662323,0,0&networks=920a009a-5270-11e1-b961-001d0947ec73&receipts_allowed=true&default_validity=36000&max_validity=70000`

---

## PUT [/customers/:id](#)

### *Method description*

Update existing customer.

### *Parameters*

All parameters from POST section available but optional	
---	--

### *Response Information*

Object: Customer

HTTP code: 200 OK

### *Example Request*

PUT [http://127.0.0.1:8080/customers/feda5822-5271-11e1-bd27-001d0947ec73?system\\_id=test-sys-id&rps=300&originators=375296662323.0.0&networks=920a009a-5270-11e1-b961-001d0947ec73&receipts\\_allowed=true&default\\_validity=36000&max\\_validity=70000](http://127.0.0.1:8080/customers/feda5822-5271-11e1-bd27-001d0947ec73?system_id=test-sys-id&rps=300&originators=375296662323.0.0&networks=920a009a-5270-11e1-b961-001d0947ec73&receipts_allowed=true&default_validity=36000&max_validity=70000)

---

## DELETE [/customers/:id](#)

### *Method description*

Remove existing customer.

### *Response Information*

Object: none

HTTP code: 204 No content

*Example Request*

DELETE <http://127.0.0.1:8080/customers/feda5822-5271-11e1-bd27-001d0947ec73>

---

## Objects

### Customer

```
{
  id: "54d82c58-87b6-11e1-ba66-00269e42f7a5",
  system_id "smppclient2",
  name: "smppclient2",
  priority: null,
  rps: null,
  originators: [
    {
      addr: "375296663333",
      ton: 0,
      npi: 0
    }
  ],
  default_originator: null,
  networks: [
    "920a009a-5270-11e1-b961-001d0947ec73",
    "3b25cd8e-5eca-11e1-bf77-00269e42f7a5"
  ],
  default_provider_id: "3b25cd8e-5eca-11e1-bf77-00269e42f7a5",
  receipts_allowed: true,
  no_retry: null,
  default_validity: 40000,
```

```
max_validity: 70000,  
users: [  
  {  
    id: "smppclient2",  
    smpp_types: [  
      "receiver"  
    ]  
  }  
,  
  state: 1  
]
```

### Customers

```
{  
  customers: [  
    object: customer  
  ]  
}
```

## Resource :customer user

### Methods

---

#### GET /customer/:customer\_id/users

##### *Method description*

Return all users of specified customer.

##### *Response Information*



Object: Users  
HTTP code: 200 OK

*Example Request*

GET <http://127.0.0.1:8080/customers/feda5822-5271-11e1-bd27-001d0947ec73/users>

---

**GET /customer/:customer\_id/users/:user\_id**

*Method description*

Return specified customer user.

*Response Information*

Object: User  
HTTP code: 200 OK

*Example Request*

GET [http://127.0.0.1:8080/customers/eda5822-5271-11e1-bd27-001d0947ec73/users/user\\_id](http://127.0.0.1:8080/customers/eda5822-5271-11e1-bd27-001d0947ec73/users/user_id)

---

**POST /customers/:customer\_id/users**

*Method description*

Create new customer user.

*Parameters*

<b>id</b> required	User id (login). <b>Example Values:</b> user
<b>pswd</b> required	User password. <b>Example Values:</b> password

<b>smpp_types</b> required	<b>Repeated.</b> <b>Allowable values:</b> <ul style="list-style-type: none"> <li>• transmitter</li> <li>• receiver</li> <li>• transceiver</li> </ul> <b>Example Values:</b> transmitter
-------------------------------	--

#### *Response Information*

Object: User

HTTP code: 201 Created

#### *Example Request*

POST http://127.0.0.1:8080/customers/feda5822-5271-11e1-bd27-001d0947ec73/users

POST Data id=user&pswd=password&smpp\_type=transmitter;receiver;transceiver

---

## **PUT /customers/:customer\_id/users/:user\_id**

#### *Method description*

Update existing customer user.

#### *Parameters*

<b>id</b> required	User id (login). Permanent. <b>Example Values:</b> user
<b>pswd</b> optional	User password. <b>Example Values:</b> password

<b>smpp_types</b> optional	<b>Repeated.</b> <b>Allowable values:</b> <ul style="list-style-type: none"> <li>• transmitter</li> <li>• receiver</li> <li>• transceiver</li> </ul> <b>Example Values:</b> transmitter
-------------------------------	--

#### *Response Information*

Object: User

HTTP code: 200 OK

#### *Example Request*

PUT [http://127.0.0.1:8080/customers/feda5822-5271-11e1-bd27-001d0947ec73/users/user\\_id?pswd=password&smpp\\_types=transmitter;receiver;ransceiver](http://127.0.0.1:8080/customers/feda5822-5271-11e1-bd27-001d0947ec73/users/user_id?pswd=password&smpp_types=transmitter;receiver;ransceiver)

---

## **DELETE    /customers/:customer\_id/users/:user\_id**

#### *Method description*

Delete customer user.

#### *Response Information*

Object: none

HTTP code: 204 No content

#### *Example Request*

DELETE    [http://127.0.0.1:8080/customers/feda5822-5271-11e1-bd27-001d0947ec73/users/user\\_id](http://127.0.0.1:8080/customers/feda5822-5271-11e1-bd27-001d0947ec73/users/user_id)

---

## **Objects**

### **User**

```
{
  id: "user10",
  smpp_types: [
    "transceiver",
    "receiver",
    "transmitter"
  ]
}
```

### Users

```
{
  users: [
    {
      id: "user10",
      smpp_types: [
        "transceiver",
        "receiver",
        "transmitter"
      ]
    },
    {
      id: "user9",
      smpp_types: [
        "transceiver",
        "receiver",
        "transmitter"
      ]
    }
  ]
}
```

**Resource :addr2cust**

## Methods

---

### GET /addr2cust/:msisdn

#### *Method description*

Return link, if exist.

#### *Parameters*

<b>msisdn</b> required	addr(string), ton(integer), npa(integer) <b>Example Values:</b> 375296667788,1,0
---------------------------	---

#### *Response Information*

Object: Msisdn

HTTP code: 200 OK

#### *Example Request*

GET /addr2cust/375296667788,1,0

---

### GET /addr2cust

#### *Method description*

Return customer user msisdn list.

#### *Parameters*

<b>customer</b> required	Customer UUID.
-----------------------------	----------------

<b>user</b> required	User name.
-------------------------	------------

#### *Response Information*

Object: Msisdn

HTTP code: 200 OK

#### *Example Request*

GET /addr2cust/375296667788,1,0

---

## **POST /addr2cust**

#### *Method description*

Create new link customer <-> msisdn.

#### *Parameters*

<b>msisdn</b> required	addr(string), ton(integer), npa(integer) <b>Example Values:</b> 375296667788,1,0
<b>customer</b> required	Customer UUID. <b>Example Values:</b> feda5822-5271-11e1-bd27-001d0947ec73
<b>user</b> required	User ID. String. <b>Example Values:</b> user_id

#### *Response Information*

Object: Msisdn

HTTP code: 201 Created

#### *Example Request*

POST 127.0.0.1:8080/addr2cust

POST Data msisdn=375296667788,0,0&customer=feda5822-5271-11e1-bd27-001d0947ec73&user=user\_id

---

## DELETE     /addr2cust/:msisdn

### *Method description*

Remove link, if exist.

### *Parameters*

<b>msisdn</b> required	addr(string), ton(integer), npi(integer) <b>Example Values:</b> 375296667788,1,0
---------------------------	---

### *Response Information*

Object: none

HTTP code: 204 No content

### *Example Request*

DELETE     /addr2cust/375296667788,0,0

---

## Objects

### **Msisdn**

```
{
  msisdn: {
    addr: "375296667788",
    ton: 0,
    npi: 0
  },
  customer: "feda5822-5271-11e1-bd27-001d0947ec73",
  user: "user_id"
```

```
}
```

## Msisdns

```
{  
  msisdns: [{  
    addr: "375296667788",  
    ton: 0,  
    npi: 0  
  }],  
  customer: "feda5822-5271-11e1-bd27-001d0947ec73",  
  user: "user_id"  
}
```

---

## Common service exceptions

### JSON structure:

```
{  
  request_error: {  
    service_exception: {  
      message_id: "SVC0001",  
      text: "Invalid input %1 parameter value.",  
      variables: ["address"]  
    }  
  }  
}
```

ID	EXCEPTION TEXT	VARIABLES	HTTP CODE
SVC0001	Invalid input %1 parameter value.	%1 - parameter name	400 Bad Request



SVC0002	Invalid input %1 parameter value, valid values are %2	%1 - parameter name %2 - list of available values	400 Bad Request
SVC0003	Resource not found.	None	404 Not Found
SVC0004	Resource already exist.	None	400 Bad Request
SVC0005	Missing mandatory %1 parameter.	%1 - parameter name	400 Bad Request
SVC0006	Http method %1 not supported.	%1 - http method	400 Bad Request
SVC0007	Error in path	None	400 Bad Request
SVC0008	Customer's "rps" setting is disabled. See <a href="http://extranet.powermemobile.com/issues/17465">http://extranet.powermemobile.com/issues/17465</a> for detail.	None	400 Bad Request