

160.com.au API

format

JSON request/response

host

<https://api.160.com.au/>

error handling

object defined only in case of broken object, and contains this broken object

HTTP code: **4xx** (mostly **400 Bad Request**)

response:

```
{
  "errors": [
    {
      "statusCode": 4xx,
      "status": "human readable error message",
      "object": {}
    }
  ]
}
```

authentication

HTTP requests to the API use HTTP basic authentication

username: **account username**

password: **sms secret**

error HTTP code: **401 Unauthorized**

rate limiting

2 req/sec

error HTTP code: **429 Too Many Requests**

endpoints

GET /v1/info (200 OK)

A method to get balance, registered phone number

request: **empty**

response:

```
{
  "phone": "61000000003",
  "balance": 99.99,
  "senderIds": [
    {
      "senderId": "sender name",
      "statusCode": 1,
      "status": "Active"
    }
  ],
  "virtualNumbers": [
    {
      "phone": "61480000003",
      "expirationDate": "2025-01-04 23:11:44",
      "callbackURL": "[email|url]",
      "countryCode": "AU",
      "statusCode": 1,
      "status": "Active"
    }
  ],
}
```

GET /v1/messages (200 OK)

A method to get messages in descending posting order

request GET params:

- *page* - integer, paging, started from 1
- *limit* - integer, paging, from 1 to 100
- *dateFrom* - integer, posting from date, in “YYYY-MM-DD hh:mm:ss” format
- *dateTo* - integer, posting to date, in “YYYY-MM-DD hh:mm:ss” format
- *statusCode* - integer, a value from a list with enumerated values
- *delayed* - boolean, ‘1’ to get a list of scheduled SMS
- *messageIdFrom* - integer, from message id (incl.)
- *messageIdTo* - integer, to message id (incl.)
- *batchId* - integer, batchId of sent bulk transmission (random long int, applicable to v1/group/xx/send)

response:

```
{
  "messages": [
    {
      "messageId": 1,
      "datePosted": "YYYY-MM-DD hh:mm:ss",
      "dateSent": "YYYY-MM-DD hh:mm:ss",
      "sender": "[phone|sender name|email]",
      "recipient": "recipient phone",
      "message": "hello world",
      "callbackURL": "callbackurl url",
      "cost": "1.00",
      "batchId": 1,
      "statusCode": "4",
      "status": "human readable error code"
    }
  ],
  "links": [
    {
      "rel": "prev",
      "href": "***a link to the prev page**"
    },
    {
      "rel": "next",
      "href": "***a link to the next page**"
    }
  ]
}
```

GET /v1/messages/{messageId} (200 OK)

A method to get a certain message

request: empty

response:

```
{
  "messageId": 1,
  "datePosted": "YYYY-MM-DD hh:mm:ss",
  "dateSent": "YYYY-MM-DD hh:mm:ss",
  "sender": "[phone|sender name|email]",
  "recipient": "recipient phone",
  "message": "hello world",
  "callbackURL": "callbackurl url",
  "cost": "1.00",
  "batchId": 1,
  "statusCode": "4",
  "status": "human readable error code"
}
```

POST /v1/messages (201 Created)

A method to submit a message(s). 100 SMS max at once. Put to the queue if all messages are accepted

error HTTP code: **400 Bad Request**

- *senderId* - approved SenderName, or
- *email* - email for 2way SMS, or
- *phone* - VrDID phone number, or leave empty for registered phone number
- *delay* - integer, delay in minutes, from 1 to 44640
- *recipient* - recipient phone number
- *message* - message text
- *callbackURL* - callbackurl for delivery report

request:

```
{
  "messages": [
    {
      "senderId": "sender name",
```

```
"email": "email",
"phone": "virtual phone",
"delay": 10,
"recipient": "recipient phone",
"message": "hello world",
"callbackURL": "callbackurl url"
}
]
}
```

response:

```
{
  "messages": [
    {
      "messageId": 1,
      "datePosted": "YYYY-MM-DD hh:mm:ss",
      "dateSent": "YYYY-MM-DD hh:mm:ss",
      "dateScheduled": "YYYY-MM-DD hh:mm:ss",
      "delayFor": 10,
      "sender": "[phone|sender name|email]",
      "recipient": "recipient phone",
      "message": "hello world",
      "callbackURL": "https://callbackurl url",
      "cost": "1.00",
      "batchId": 1,
      "statusCode": "4",
      "status": "human readable error code"
    }
  ]
}
```

DELETE /v1/messages (204 No Content)

A method to remove messages

request GET params:

- *batchId* - integer, remove batch, OR
- *messageIdFrom* - integer, from message id (incl.)
- *messageIdTo* - integer, to message id (incl.)

response: **empty**

DELETE /v1/messages/{messageId} (204 No Content)

request: **empty**

response: **empty**

GET /v1/contacts/{contactId} (200 OK)

A method to get a certain message

request: empty

response:

```
{
  "contactId": 1,
  "firstName": "John",
  "lastName": "Doe",
  "note": "",
  "phone": "phone",
  "groups": [
    {
      "groupId": 1,
      "isDisabled": 1
    }
  ]
}
```

GET /v1/contacts (200 OK)

A method to get messages in descending posting order

request GET params:

- *page* - integer, paging, started from 1
- *limit* - integer, paging, from 1 to 100
- *groupId* - integer, groupId
- *firstName* - string, at least 5 symbols to start the search by part of firstname
- *lastName* - string, at least 5 symbols to start the search by part of lastname
- *phone* - string, at least 5 symbols to start the search by part of phone number

response:

```
{
  "contacts": [
    {
      "contactId": 1,
      "firstName": "John",
      "lastName": "Doe",
      "note": "",
      "phone": "phone",
      "groups": [
        {
          "groupId": 1,
          "isDisabled": 1
        }
      ]
    }
  ],
  "links": [
    {
      "rel": "prev",
      "href": "**a link to the prev page**"
    },
    {
      "rel": "next",
      "href": "**a link to the next page**"
    }
  ]
}
```

GET /v1/groups/{groupId} (200 OK)

A method to get a certain message

request: empty

response:

```
{
  "groupId": 1,
  "group": "group title",
  "groupType": 0,
  "keyword": "XYZ",
  "userCount": 1
}
```

GET /v1/groups (200 OK)

A method to get messages in descending posting order

request GET params:

- *page* - integer, paging, started from 1
- *limit* - integer, paging, from 1 to 100
- *groupType* - integer, groupId, from the list of enumerated values

response:

```
{
  "groups": [
    {
      "groupId": 1,
      "group": "group title",
      "groupType": 0,
      "keyword": "XYZ",
      "userCount": 1
    }
  ],
  "links": [
    {
      "rel": "prev",
      "href": "**a link to the prev page**"
    },
    {
      "rel": "next",
      "href": "**a link to the next page**"
    }
  ]
}
```

DELETE /v1/contacts/{contactId} (204 No Content)

A method to remove a contact

request: empty

response: **empty**

DELETE /v1/groups/{groupId} (204 No Content)

request: **empty**

response: **empty**

POST /v1/groups (201 Created)

A method to create a group(s). 100 groups max at once.

error HTTP code: **400 Bad Request**

- *group* - group title
- *groupType*
- *keyword* - keyword if groupType is 1 or 2

request:

```
{
  "groups": [
    {
      "group": "group title",
      "groupType": 0,
      "keyword": "XYZ",
    }
  ]
}
```

response:

```
{
  "groups": [
    {
      "groupId": 1,
      "group": "group title",
      "groupType": 0,
      "keyword": "XYZ",
      "userCount": 0
    }
  ]
}
```

PATCH /v1/groups (200 OK)

A method to modify a group(s). 100 groups max at once.

error HTTP code: **400 Bad Request**

- *groupId*
- *group* - group title
- *groupType*
- *keyword* - keyword if groupType is 1 or 2

request:

```
{
  "groups": [
    {
      "groupId": 1,
      "group": "group title",
      "groupType": 0,
      "keyword": "XYZ",
    }
  ]
}
```

response:

```
{
  "groups": [
    {
      "groupId": 1,
      "group": "group title",
      "groupType": 0,
      "keyword": "XYZ",
      "userCount": 0
    }
  ]
}
```

POST /v1/contacts (201 Created)

A method to create a contact(s). 100 contacts max at once.

error HTTP code: **400 Bad Request**

request:

```
{
```

```
"contacts": [
  {
    "firstName": "John",
    "lastName": "Doe",
    "note": "",
    "phone": "phone",
    "groups": [
      {
        "groupId": 1,
        "isDisabled": 1
      }
    ]
  }
]
```

response:

```
{
  "contacts": [
    {
      "contactId": 1,
      "firstName": "John",
      "lastName": "Doe",
      "note": "",
      "phone": "phone",
      "groups": [
        {
          "groupId": 1,
          "isDisabled": 1
        }
      ]
    }
  ]
}
```

PATCH /v1/contacts (200 OK)

A method to modify a group(s). 100 groups max at once.

error HTTP code: **400 Bad Request**

request:

```
{
```

```
"contacts": [
  {
    "contactId": 1,
    "firstName": "John",
    "lastName": "Doe",
    "note": "",
    "phone": "phone",
    "groups": [
      {
        "groupId": 1,
        "isDisabled": 1
      }
    ]
  }
]
```

response:

```
{
  "contacts": [
    {
      "contactId": 1,
      "firstName": "John",
      "lastName": "Doe",
      "note": "",
      "phone": "phone",
      "groups": [
        {
          "groupId": 1,
          "isDisabled": 1
        }
      ]
    }
  ]
}
```

POST /v1/groups/{groupId}/send (201 Created)

A method to submit a message(s). 100 SMS max at once. Put to the queue if all messages are accepted

error HTTP code: **400 Bad Request**

- *senderId* - approved SenderName, or

- *email* - email for 2way SMS, or
- *phone* - VrDID phone number, or leave empty for registered phone number
- *delay* - integer, delay in minutes, from 1 to 44640
- *groupId* - group Id to send SMS to
- *message* - message text
- *callbackURL* - callbackurl for delivery report

request:

```
{
  "senderId": "sender name",
  "email": "email",
  "phone": "virtual phone",
  "delay": 10,
  "message": "hello world",
  "callbackURL": "callbackurl url"
}
```

response:

```
{
  "messages": [
    {
      "messageId": 1,
      "datePosted": "YYYY-MM-DD hh:mm:ss",
      "dateSent": "YYYY-MM-DD hh:mm:ss",
      "dateScheduled": "YYYY-MM-DD hh:mm:ss",
      "delayFor": 10,
      "sender": "[phone|sender name|email]",
      "recipient": "recipient phone",
      "message": "hello world",
      "callbackURL": "https://callbackurl url",
      "cost": "1.00",
      "batchId": 1,
      "statusCode": "4",
      "status": "human readable error code"
    }
  ],
  "links": [
    {
      "rel": "next",
      "href": "***a link to the next page**"
    }
  ]
}
```

```
}
```

Enumerated values

enumerated statusCode for SMS

- -1: Queued
- 0: Sent
- 1: Delivered
- 2: Not delivered

enumerated statusCode for senderIds

- 0: Under review
- 1: Active
- 2: Rejected

enumerated statusCode for virtualNumbers

- 0: Cancelled
- 1: Active
- 2: Blocked

enumerated groupType for groups

- 0: Regular
- 1: Messaging
- 2: Offers