

Broadcast API Methods

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Broadcast APIs are used to Create, Get, Update, Cancel/Delete, and Search for Broadcasts.

Search/Get Broadcasts

The following will return up to the first 100 Broadcasts within the Mobile Database.

```
GET /companies/:company_key/mobiledb/broadcasts[?status=:status]
```



Note: To get your company_key, please contact your Vibes account manager.

If a status is specified, only Broadcasts with that status will be returned. If no status is specified, it will default to scheduled status.

The following are valid status values (always lowercase):

- scheduled
- sent
- canceled
- in_progress
- failed
- paused
- deleted

Request JSON

There is no Request JSON with a GET.

Return JSON

An array of Broadcast objects, up to a maximum of 100.

```
[
  {
    "broadcast_id": "1",
    "status": "sent",
    "name": "First alert message",
    "send_scheduled_date": "2017-04-04T16:05:00Z",
    "created_by": "user@company.com",
    "created_by_application": null,
    "targeting": {
      "message_template": "This is the 1st message sent to the {{ list_name }} list!",
      "short_url_base": "http://vbs.cm/",
      "shorten_urls": true,
      "channel": "sms",
      "source_short_code": null,
      "source_lists": [
        "123"
      ],
      "filters": []
    },
    "delivery": {
      "send_start_date": "2017-04-04T16:06:16Z",
      "enqueue_completed_date": "2017-04-04T16:06:16Z",
      "recipient_count": 1
    },
    "url": "/companies/:company_key/mobiledb/broadcasts/:broadcast_id",
    "created_at": "2017-04-04T16:06:10Z",
    "updated_at": "2019-05-12T05:09:48Z"
  }
]
```

Get a Broadcast

The following will return the Broadcast entity specified by the given `:broadcast_id`.

```
GET /companies/:company_key/mobiledb/broadcasts/:broadcast_id
```

Request JSON

There is no Request JSON with a GET.

Return JSON

A Broadcast object.

```
{
  "broadcast_id": "1",
  "status": "sent",
  "name": "First alert message",
  "send_scheduled_date": "2017-04-04T16:05:00Z",
  "created_by": "user@company.com",
  "created_by_application": null,
  "targeting": {
    "message_template": "This is the 1st message sent to the {{ list_name }} list!",
    "short_url_base": "http://vbs.cm/",
    "shorten_urls": true,
    "channel": "sms",
    "source_short_code": null,
    "source_lists": [
      "123"
    ],
    "filters": []
  },
  "delivery": {
    "send_start_date": "2017-04-04T16:06:16Z",
    "enqueue_completed_date": "2017-04-04T16:06:16Z",
    "recipient_count": 1
  },
  "url": "/companies/:company_key/mobiledb/broadcasts/:broadcast_id",
  "created_at": "2017-04-04T16:06:10Z",
  "updated_at": "2019-05-12T05:09:48Z"
}
```



Note: A *404 - Not Found* error will be returned if the Broadcast could not be located.

Create a Broadcast

The following will create a new Broadcast entity.

```
POST /companies/:company_key/mobiledb/broadcasts
```

Request JSON

A Broadcast entity.

```

{
  "name": "Test Broadcast SAT 2",
  "status": "scheduled",
  "send_scheduled_date": "2017-02-16T07:30:00Z",
  "created_by": "user@company.com",
  "created_by_application": "my application",
  "targeting": {
    "message_template": "push message content",
    "shorten_urls": true,
    "short_url_base": "http://vbs.cm/",
    "source_short_code": null,
    "source_lists": [
      "123",
      "124"
    ],
    "channel": "push",
    "push": {
      "subject": "push message title",
      "metadata": "app deep link"
    },
    "filters": [
      {
        "name": "favorite_sport",
        "selector": "any",
        "value": [
          "football",
          "baseball"
        ]
      },
      {
        "name": "first_name",
        "selector": "starts_with",
        "value": "Steven"
      },
      {
        "name": "subscription_date",
        "selector": "before",
        "value": [
          "2017-01-01"
        ]
      }
    ]
  }
}

```

Return JSON

The *url*, *status*, *id*, *created_at*, *updated_at* and *delivery* fields are defined by the system and cannot be specified in the request.

```

{
  "broadcast_id": "123456",
  "status": "scheduled",
  "url": "/companies/:company_key/broadcasts/:broadcast_id",
  "name": "Test Broadcast SAT 2",
  "send_scheduled_date": "2017-02-16T07:30:00Z",
  "created_by": "user@company.com",
  "created_by_application": "my application",
  "targeting": {
    "message_template": "push message content",
    "shorten_urls": true,
    "short_url_base": "http://vbs.cm/",
    "source_short_code": "54321",
    "source_lists": [
      "123",
      "124"
    ],
    "filters": [
      {
        "name": "favorite_sport",
        "selector": "any",
        "value": [
          "football",
          "baseball"
        ]
      },
      {
        "name": "first_name",
        "selector": "starts_with",
        "value": "Steven"
      },
      {
        "name": "subscription_date",
        "selector": "before",
        "value": [
          "2017-01-01"
        ]
      }
    ]
  }
},
"created_at": "2017-02-11T18:58:53Z",
"updated_at": "2017-02-11T18:58:53Z"
}

```



Note: This will return a *201 - Created* status code if the Broadcast was successfully created.

Update a Broadcast

The following will update an existing scheduled Broadcast with new data.

```
PUT /companies/:company_key/mobiledb/broadcasts/:broadcast_id
```

Only scheduled Broadcasts can be updated.

The *url*, *status*, *id*, *created_at*, *updated_at* and *delivery* fields are defined by the system and cannot be specified in the request.

Request JSON

```

{
  "name": "Test Broadcast SAT 2",
  "status": "scheduled",
  "send_scheduled_date": "2017-02-16T07:30:00Z",
  "targeting": {
    "message_template": "Test Broadcast SAT 2 {{ list_name }} Reply HELP for help, STOP to cancel-Msg&data
rates may apply",
    "shorten_urls": true,
    "short_url_base": "http://vbs.cm/",
    "source_short_code": null,
    "source_lists": [
      "123",
      "124"
    ],
    "filters": [
      {
        "name": "favorite_sport",
        "selector": "any",
        "value": [
          "football",
          "baseball"
        ]
      },
      {
        "name": "first_name",
        "selector": "starts_with",
        "value": "Steven"
      },
      {
        "name": "subscription_date",
        "selector": "before",
        "value": [
          "2017-01-01"
        ]
      }
    ]
  }
}

```

Return JSON

The following returns the Broadcast entity after the update.

```

{
  "broadcast_id": "123456",
  "status": "scheduled",
  "url": "/companies/:company_key/broadcasts/:broadcast_id",
  "name": "Test Broadcast SAT 2",
  "send_scheduled_date": "2017-02-16T07:30:00Z",
  "targeting": {
    "message_template": "Test Broadcast SAT 2 {{ list_name }} Reply HELP for help, STOP to cancel-Msg&data
rates may apply",
    "shorten_urls": true,
    "short_url_base": "http://vbs.cm/",
    "source_short_code": null,
    "source_lists": [
      "123",
      "124"
    ],
    "filters": [
      {
        "name": "favorite_sport",
        "selector": "any",
        "value": [
          "football",
          "baseball"
        ]
      },
      {
        "name": "first_name",
        "selector": "starts_with",
        "value": "Steven"
      },
      {
        "name": "subscription_date",
        "selector": "before",
        "value": [
          "2017-01-01"
        ]
      }
    ]
  }
},
"created_at": "2017-02-11T18:58:53Z",
"updated_at": "2017-02-11T19:58:53Z"
}

```



Notes:

- A *404 - Not Found* error will be returned if the Broadcast entity does not exist.
- A *403 - Forbidden* status code will be returned if the Broadcast status does not allow updates.

Cancel/Delete a Broadcast

The following will cancel an existing scheduled Broadcast specified by `.broadcast_id`, and prevent it from being sent.

```
DELETE /companies/:company_key/mobiledb/broadcasts/:broadcast_id
```

Once a Broadcast is canceled, its status will be canceled and cannot be sent or updated.



Note: Cancel/Delete only works for Broadcasts with a specified status.

Request JSON

None.

Return JSON

```
{
  "id": 20,
  "company_id": "a12ab1c",
  "name": "Testing",
  "status": "deleted",
  "shorten_urls": true,
  "short_url_base": "http://aaa.aaa.cm/",
  "created_by": null,
  "created_by_application": null,
  "activity_type": "Broadcast",
  "activity_uid": "5w1432ff-1sd5-46a0-ai7e-cs6e2efa13q8",
  "test_broadcast": false,
  "source_short_code": null,
  "message_template": "Test message",
  "send_scheduled_date": "2017-09-13T05:30:00Z",
  "source_lists": [
    "/api/companies/12345/lists/1"
  ],
  "channel": "sms",
  "filters": [],
  "url": "/companies/:company_key/broadcasts/:broadcast_id",
  "created_at": "2017-05-23T16:47:02Z",
  "updated_at": "2017-05-23T16:47:55Z"
}
```



Notes:

A *404 - Not Found* error will be returned if the Broadcast entity does not exist.

A *403 - Forbidden* status code will be returned if the Broadcast cannot be canceled because it has already been sent.