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The City Admin API v1

Introduction

The City Admin API provides developers with a REST-based interface to create applications and tools that require access to data that lives in or originated from The City. The intention is to provide programatic access to the same data and functionality you have via The City's Admin site on the web.

The types of tools and applications made possible by this API are numerous. Examples could by data sync tools with external databases or church management systems, custom reporting and dashboard applications, single or limited-purpose mobile apps for administrators and leadership, or specialized kiosks for assimilation or information.

Security & Authentication

The City Admin API utilizes a **HMAC** signature scheme for authentication. The client must send the HMAC signature together with a set of special HTTP headers when making a request. This ensures that the request is being made from an approved, known client, and that the request has not been tampered with. All requests must also be made over an SSL connection, which provides extra security during request transmission.

Keys & Tokens

To obtain the API key necessary to start using The City Admin API, you must first grant someone API Admin privileges. Go to **Admin > Privileges > API Admin** and grant an active City user API Admin privileges. This user is now able to create and assign new access keys to other users (or themselves).

To obtain a new key, as an API Admin, go to **Admin > API > Keys.** Click "+ **Add New API Key**", and associate a key with a user in your City. When you sign a request with this key, the request will carry with it any privileges that the user has (Group Admin, User Admin, Reporting Admin, etc.) so make sure you associate the key to a user with the appropriate level of access that your app will require.



Secret Key - This is the key that you will use to sign your requests so that we know they came from you, and were not tampered with. Keep this **safe** (and **secret**)!

User Token - This is the key you will send along with your signed requests so that we know which secret key to use on our end to decode your signature.

A key will also change statuses based on certain actions:

Banned - If your key or account has been temporarily blocked because you exceeded an API rate limit, .

Disabled - When you delete a key, it gets disabled and is no longer available for signing requests.

Signing Requests

The HMAC signature will consist of the following data:

The current Unix time in seconds

The HTTP **verb** of your request, e.g. "GET", "PUT", or "POST"

The **host** and **path** of your request, e.g "<a href="https://api.onthecity.org/admin/groups/1234" https://api.onthecity.org/admin/groups/1234"

Any **query parameters**, sorted alphabetically and canonicalized, e.g. "bar=foo&some_param=some_value&user_id=12345"

On a POST or PUT request with body data, the post body data

In pseudocode, your request data string to sign will be: time + verb + host + path + query_params + body. Once you have your request data ready to sign, there is a 3-step process:

First, concatenate a string of the data above, and then construct an HMAC signature using **SHA-256** as the HMAC message digest algorithm.

Next, **Base64** encode the HMAC output.

Lastly, **URL-encode** the Base64-encoded HMAC code

Here is an example using the OpenSSL HMAC implementation in Ruby:

```
require 'openssl'
require 'CGI'

string_to_sign = "1320995815GEThttps://api.onthecity.org/admin/groups/1234?
param1=some_value&param2=12345"

secret_key = '1234567890...' #get this from The City API admin panel
unencoded_hmac = OpenSSL::HMAC.digest('sha256', secret_key, string_to_sign)
unescaped_hmac = Base64.encode64(hmac).chomp #chomp removes any new line or carriage
return characters from the string end
hmac_signature = CGI.escape(unescaped_hmac)
```

Here is an example in C#

```
using System;
using System.IO;
using System.Security.Cryptography;

// Calculate current Unix time in seconds
var unixTime = (int)(DateTime.Now - new DateTime(1970, 1,
1).ToLocalTime()).TotalSeconds;

// Concatenate time + verb + host + path + query_params + body
var stringToSign = string.Format("{0}{1}{2}{3}", unixTime, httpVerb, fullAddress,
body);

// Construct HMAC signature
var encoding = Encoding.UTF8;
var hmacSha256 = new HMACSHA256(encoding.GetBytes(secretKey));
var stream = new MemoryStream(encoding.GetBytes(stringToSign));
var unencodedHmac = hmacSha256.ComputeHash(stream);

// Base64 encode the HMAC output
var unescapedHmac = Convert.ToBase64String(unencodedHmac).TrimEnd();
```

```
//URL-encode the Base64-encoded HMAC code
var hmacSignature = Uri.EscapeDataString(unescapedHmac);
```

Required Headers

There are four required HTTP headers (six on a POST request) that must be present on every request to The City Admin API. A request that is missing *any* of these headers will be rejected and will receive a 4xx HTTP Status Code (400 Bad Request or 406 Not Acceptable).

The following headers are required, or else you will receive a 400 Bad Request:

X-City-Sig: The HMAC signature, Base64 and URL encoded.

X-City-User-Token: The User Token, a 16-digit hexadecimal key that is paired

with your secret key used to craft your HMAC signature.

X-City-Time: The same Unix time in seconds you used in your signature.

You must also specify which version of the API/resource you are requesting by setting the *accept* header like this (or else you will receive a 406 Not Acceptable):

Accept: application/vnd.thecity.admin.v1+json

If you are sending a body, you must also set:

Content-Type: application/json

Content-Length: the length in bytes of your request body

Rate Limiting

The City Admin API is throttled and rate limited for all accounts. While the request limits are generous, you may receive a **403 Forbidden -- Rate Limit Exceeded** HTTP Status Code if your client exceeds one of the limits.

In the response headers for any request to the API, you will receive four headers that will inform you of your current rate limit remaining.

X-City-RateLimit-Limit-By-Account

X-City-RateLimit-Remaining-By-Account

X-City-RateLimit-Limit-By-Ip

X-City-RateLimit-Remaining-By-Ip

It is the responsibility of the client to maintain a back-off strategy in order to avoid being temporarily or permanently "blacklisted". Too many 403 responses will get your IP Address, or your access keys, disabled and/or your account's access to the API turned off.

API Endpoints

The City API tries to adhere to RESTful conventions, and so the documentation is organized by resource and action.

The endpoints are:

```
USERS I INDEX
USERS I SHOW
USERS | CREATE
USERS | UPDATE
USERS I DESTROY
USERS I COUNT
USERS | MEMBERIZE
USERS | DEMEMBERIZE
USERS | DEACTIVATE
USERS | BULK MEMBERIZE
USERS | BULK DEACTIVATE
USERS I MEMBERS
USERS I GUESTS
USERS I INACTIVE
USERS I ACTIVE
USERS I DISCONNECTED
USERS I CONNECTED
USERS I ENGAGED
USERS | ADDRESSES | INDEX
USERS | ADDRESSES | SHOW
USERS | ADDRESSES | CREATE
USERS | ADDRESSES | UPDATE
USERS | ADDRESSES | DESTROY
USERS I ADMIN PRIVILEGES I INDEX
USERS I ADMIN PRIVILEGES I CREATE
USERS | BARCODES | INDEX
USERS | BARCODES | SHOW
USERS | BARCODES | CREATE
USERS | BARCODES | DESTROY
USERS I CHECKINS I INDEX
USERS | CHECKINS | SHOW
USERS | CHECKINS | LAST
USERS | EVENT ATTENDANCES | INDEX
USERS | EVENT ATTENDANCES | SHOW
USERS | EVENT_ATTENDANCES | LAST
```

USERS | INVITATIONS | INDEX USERS | INVITATIONS | CREATE

```
USERS | FAMILY | INDEX
```

USERS | FAMILY | CREATE

USERS | FAMILY | UPDATE

USERS | FAMILY | **DESTROY**

USERS | NOTES | INDEX

USERS | NOTES | CREATE

USERS | NOTES | SHOW

USERS | PROCESSES | INDEX

USERS | PROCESSES | SHOW

USERS | PROCESSES | ANSWERS | INDEX

USERS | PROCESSES | NOTES | INDEX

USERS | ROLES | INDEX

USERS | ROLES | SHOW

USERS | ROLES | CREATE

USERS | ROLES | DESTROY

USERS | ROLES | ACTIVATE

USERS | ROLES | DEACTIVATE

USERS | ROLES | PROMOTE

USERS | ROLES | DEMOTE

USERS | SKILLS | INDEX

USERS | SKILLS | CREATE

USERS | SKILLS | DESTROY

GROUPS I INDEX

GROUPS I SHOW

GROUPS | CREATE

GROUPS | UPDATE

GROUPS I COUNT

GROUPS I SCHEDULE DELETION

GROUPS I SCHEDULE ARCHIVE

GROUPS | ADDRESSES | INDEX

GROUPS | ADDRESSES | SHOW

GROUPS | ADDRESSES | CREATE

GROUPS | ADDRESSES | UPDATE

GROUPS I ADDRESSES I **DESTROY**

GROUPS | EXPORTS | INDEX

GROUPS | EXPORTS | CREATE

GROUPS | EXPORTS | SHOW

GROUPS | HEALTH_ASSESSMENTS | INDEX

GROUPS I INVITATIONS I INDEX

GROUPS I INVITATIONS I CREATE

GROUPS | ROLES | INDEX

GROUPS I ROLES I SHOW

GROUPS | ROLES | CREATE

GROUPS | ROLES | DELETE

GROUPS | ROLES | ACTIVATE

GROUPS | ROLES | DEACTIVATE

GROUPS | ROLES | PROMOTE

GROUPS | ROLES | **DEMOTE**

GROUPS | ROLES | DEACTIVATE_ALL

GROUPS I ROLES I COUNT

GROUPS | TAGS | INDEX

GROUPS | TAGS | CREATE

GROUPS | TAGS | **DESTROY**

ADDRESSES | INDEX

ADDRESSES | SHOW

ADDRESSES | GROUPS

BARCODES I SHOW

CUSTOM FIELDS I INDEX

CUSTOM FIELDS I CREATE

CUSTOM FIELDS I UPDATE

CUSTOM FIELDS | USERS | INDEX

FAMILIES I SHOW

FAMILIES | CREATE

FAMILIES I **UPDATE**

FAMILIES | **DESTROY**

HEALTH_ASSESSMENTS | INDEX

HEALTH_CATEGORIES | INDEX

HEALTH CATEGORIES I CREATE

HEALTH CATEGORIES | DIMENSIONS | INDEX

HEALTH CATEGORIES | DIMENSIONS | CREATE

INVITATIONS I **INDEX**

INVITATIONS | BULK INVITE

METRICS I **INDEX**

METRICS I SHOW

METRICS I **CREATE**

METRICS | MEASUREMENTS | INDEX

METRICS | MEASUREMENTS | **SHOW**

METRICS | MEASUREMENTS | CREATE

METRICS | MEASUREMENTS | **DESTROY**

METRICS | MEASUREMENTS | LAST

ROLES I INDEX

ROLES I SHOW

ROLES I COUNT

SKILLS | INDEX SKILLS | SHOW SKILLS | CREATE SKILLS | DESTROY SKILLS | USERS | INDEX SKILLS | USERS | CREATE SKILLS | USERS | COUNT

TAGS | INDEX
TAGS | SHOW
TAGS | CREATE
TAGS | DESTROY
TAGS | GROUPS | INDEX
TAGS | GROUPS | CREATE
TAGS | GROUPS | COUNT

TERMINOLOGY I INDEX TERMINOLOGY I SHOW TERMINOLOGY I CREATE TERMINOLOGY I UPDATE

WEB_HOOKS | INDEX WEB_HOOKS | CREATE WEB_HOOKS | DESTROY

The remainder of the documentation explains how to request the resources listed above, using the following pattern:

▶ RESOURCE ACTION

VERB /path/:some_id/more_path/:id

QUERY PARAMETERS

```
bold_required = [12345] <- integer
another_required = ["String"] <- custom string
optional_parameter = ["Must be" | "One of" | "These"] <- set of valid strings</pre>
```

EXAMPLE URL

```
https://api.onthecity.org/users/452617?title=Deacon&staff=true
{
```

SAMPLE JSON RETURNED DATA

```
HTTP RESPONSE ON SUCCESS {

"id":946060874,

"last":"Shepherd",

"email":"sam@thechurch.org",

"primary_phone":null,

...
}
```

User Endpoints

▶ USERS INDEX

GET /users

NOTES

If you pass include_participation=true, you will get more data returned to you, including:

```
last_checkin_date
last_donation_date
last_attendance_date
in_community
in_service
in_welcome
in_campus
in_neighborhood
```

The "in_group_type" field names will carry whatever your City has renamed those group types to.

REQUIRED PERMISSIONS

User Admin

PARAMETERS

EXAMPLE

https://api.onthecity.org/users?filter=created_in_the_last_10_days

```
HTTP 200 OK
             "total_entries": 703,
             "total_pages": 36, "per_page": 20,
             "current_page": 1,
             "users": [
                         "api_url": "https://api.onthecity.org/users/946060874",
"updated_at": "05/15/2012 07:24 AM (UTC)",
"last_logged_in": "05/16/2012 04:52 AM (UTC)",
"secondary_phone": "",
                          "last_engaged": "05/16/2012 04:52 AM (UTC)",
                          "title": "Pastor"
                          "internal_url": "http://local.devthecity.org:3000/users/946060874",
                          "id": 946060874,
"first": "Sam",
                          "primary_campus_name": null,
"last": "Shepherd",
                          "head_of_household": true,
                          "nickname": "Sammy",
                          "active": true,
                          "primary_phone_type": "home",
"primary_phone": "",
"member_since": "05/14/2012",
"birthdate": "1974-11-09",
                         "birtndate : 19/4-11-09 ,
"email_bouncing": false,
"secondary_phone_type": "home",
"primary_campus_id": null,
"marital_status": null,
"contact_updated_at": "05/15/2012 12:24 AM (UTC)",
"type": "User",
"ctaff": true
                         "type": "User",
"staff": true,
"admin_url": "http://church.onthecity.org/admin/users/946060874",
"created_at": "05/14/2012 05:51 PM (UTC)",
"gender": "Male",
"External ID 3": null,
"External ID 2": null,
                          "External ID 1": null,
                          "middle": "",
"email": "zack@church.org"
             },
                          { ... }
             ],
}
```

▶ USERS SHOW

GET /users/:id

NOTES

If you pass include_participation=true, you will get more data returned to you, including:

last_checkin_date last_donation_date last_attendance_date in_community in_service in_welcome in_campus in_neighborhood

The "in_group_type" field names will carry whatever your City has renamed those group types to.

REQUIRED PERMISSIONS

User Admin

PARAMETERS

```
include_participation = [true]
include_custom_fields = [true]
```

EXAMPLE

https://api.onthecity.org/users/452617

```
HTTP 200 OK
{
    "api_url": "https://api.onthecity.org/users/946060874",
    "updated_at": "05/15/2012 07:24 AM (UTC)",
    "last_logged_in": "05/16/2012 04:52 AM (UTC)",
    "secondary_phone": "",
    "last_engaged": "05/16/2012 04:52 AM (UTC)",
    "title": "Pastor",
    "internal_url": "http://local.devthecity.org:3000/users/946060874",
    "id": 946060874,
    "first": "Sam",
    "primary_campus_name": null,
    "last": "Shepherd",
    "head_of_household": true,
    "nickname": "Sammy",
    "active": true,
    "primary_phone_type": "home",
    "primary_phone": "",
    "member_since": "05/14/2012",
    "birthdate": "1974-11-09",
    "email_bouncing": false,
    "secondary_phone_type": "home",
    "primary_campus_id": null,
    "marital_status": null,
    "marital_status": null,
    "contact_updated_at": "05/15/2012 12:24 AM (UTC)",
```

```
"type": "User",
    "staff": true,
    "admin_url": "http://church.onthecity.org/admin/users/946060874",
    "created_at": "05/14/2012 05:51 PM (UTC)",
    "gender": "Male",
    "External ID 3": null,
    "External ID 2": null,
    "External ID 1": null,
    "middle": "",
    "email": "zack@church.org"
}
```

▶ USERS CREATE

POST /users

REQUIRED PERMISSIONS

User Admin

PARAMETERS †

```
title = ["Pastor" | "Deacon" | "..." ]
first = ["FirstName"]
middle = ["MiddleName"]
last = ["LastName"]
nickname = ["PreferedName"]
gender = ["Male", "Female"]
email = ["valid@email_address.com"] <- MUST BE UNIQUE</pre>
staff = [ true | false ]
primary campus id = [123456789]
member_since = [ "DD/MM/YYYY" | "YYYY-MM-DD" ]
birthdate = [ "DD/MM/YYYY" | "YYYY-MM-DD" ]
primary phone = ["123-456-7890"]
primary phone type = ["Home" | "Work" | "Mobile" ]
secondary_phone = ["123-456-7890"]
secondary_phone_type = ["Home" | "Work" | "Mobile" ]
external_id_1 = ["UniqueString"] <- MUST BE UNIQUE</pre>
external id 2 = ["String"]
external id 3 = ["String"]
marital_status = ["Married", "Divorced", etc]
is_an_organization = [ true | false ]
CUSTOM_FIELD = ["String"]
```

† expects JSON body, query parameters, or x-www-form-urlencoded representation of a valid Offline User.

EXAMPLE

https://api.onthecity.org/users?first=Mark&last=Flair&email=mark@flair.org

RETURN DATA

```
HTTP 200 OK
{
     "first": "Mark",
     "last": "Flair",
     ... (Same as User#Show) ...
}
```

▶ USERS UPDATE

PUT /users/:id

REQUIRED PERMISSIONS

User Admin

PARAMETERS

```
title = ["Pastor" | "Deacon" | "..." ]
first = ["FirstName"]
middle = ["MiddleName"]
last = ["LastName"]
nickname = ["PreferedName"]
staff = [ true | false ]
member_since = [ "DD/MM/YYYY" | "YYYY-MM-DD" ]
primary_phone = ["123-456-7890"]
primary_phone_type = ["Home" | "Work" | "Mobile" ]
secondary_phone_type = ["Home" | "Work" | "Mobile" ]
secondary_phone_type = ["Home" | "Work" | "Mobile" ]
external_id_1 = ["UniqueString"] <- MUST BE UNIQUE
external_id_2 = ["String"]
external_id_3 = ["String"]</pre>
```

EXAMPLE

https://api.onthecity.org/users/452617?title=Deacon&staff=true

```
HTTP 200 OK
{
         "admin_url": "http://church.onthecity.org/admin/users/452617",
```

```
"created_at": "01/15/2009 07:54 AM (CST)",
    "secondary_phone": "0987654321",
    "middle": "",
    ... (Same as User#Show) ...
}
```

▶ USERS DESTROY

DELETE /users/:id

REQUIRED PERMISSIONS

User Admin

PARAMETERS

N/A

EXAMPLE

https://api.onthecity.org/users/452617

RETURN DATA

HTTP 204 User Deleted Successfully

▶ USERS COUNT

GET /users/count

REQUIRED PERMISSIONS

User Admin

PARAMETERS

EXAMPLE

https://api.onthecity.org/users/count?filter=created_in_the_last_78_days

RETURN DATA

```
HTTP 200 OK
{
      "count": 82,
      "filter": "created_in_the_last_78_days"
}
```

▶ USERS MEMBERIZE

PUT /users/:id/memberize

REQUIRED PERMISSIONS

User Admin

PARAMETERS

```
member_since = [ "DD/MM/YYYY" | "YYYY-MM-DD" ]
```

EXAMPLE

https://api.onthecity.org/users/12345/memberize

RETURN DATA

```
HTTP 200 OK
{
     "first": "Mark",
     "last": "Flair",
     ... (Same as User#Show) ...
}
```

▶ USERS DEMEMBERIZE

PUT /users/:id/dememberize

REQUIRED PERMISSIONS

User Admin

PARAMETERS

N/A

EXAMPLE

https://api.onthecity.org/users/12345/dememberize

RETURN DATA

```
HTTP 200 OK
{
     "first": "Mark",
     "last": "Flair",
     ... (Same as User#Show) ...
}
```

▶ USERS DEACTIVATE

PUT /users/:id/deactivate

REQUIRED PERMISSIONS

User Admin

PARAMETERS

```
reason = ["String"]
```

EXAMPLE

https://api.onthecity.org/users/12345/deactivate?reason=Discipline!

RETURN DATA

HTTP 200 OK

```
{
    "first": "Mark",
    "last": "Flair",
    ... (Same as User#Show) ...
}
```

▶ USERS BULK MEMBERIZE

POST /users/bulk_memberize

REQUIRED PERMISSIONS

User Admin

PARAMETERS

```
member_since = ["2002-01-16"]
members = [{"user_id":12345},{"external_id_1":"1234AX23"},{"email":"me@work.biz"}]
```

EXAMPLE

RETURN DATA

HTTP 204 NO CONTENT

▶ USERS BULK_DEACTIVATE

POST /users/bulk_deactivate

REQUIRED PERMISSIONS

User Admin

PARAMETERS

```
reason = ["String"]
users = [{"user_id":12345},{"external_id_1":"1234AX23"},{"email":"me@work.biz"}]
```

EXAMPLE

RETURN DATA

HTTP 204 NO CONTENT

▶ USERS ADDRESSES INDEX

GET /users/:user_id/addresses

REQUIRED PERMISSIONS

User Admin

PARAMETERS

```
page = [1, 2, ...]
```

EXAMPLE

https://api.onthecity.org/users/452617/addresses

```
HTTP 200 OK
{
    "total_entries": 2,
    "total_pages": 1,
    "addresses": [
```

```
{
    "city": null,
    created_at": "05/01/2012 12:02 AM (UTC)",
    "latitude": null,
    "updated_at": "05/01/2012 12:02 AM (UTC)",
    "zipcode": null,
    "id": 1027473242,
    "street": "5555 Soth Way",
    "location_type": null,
    "privacy": "Private",
    "longitude": null,
    "state": null
},{
    "city": "Sammamish",
    "created_at": "04/30/2012 11:54 PM (UTC)",
    "latitude": 47.60918,
    "updated_at": "05/01/2012 12:00 AM (UTC)",
    "zipcode": null,
    "id": 1027473241,
    "street": "12345 Main",
    "location_type": null,
    "privacy": "Private",
    "longitude": -122.059499,
    "state": null
}],
    "per_page": 20,
    "current_page": 1
}
```

▶ USERS ADDRESSES SHOW

GET /users/:user_id/addresses/:id

REQUIRED PERMISSIONS

User Admin

PARAMETERS

N/A

EXAMPLE

https://api.onthecity.org/users/452617/addresses/552561485

```
"updated_at": "04/30/2012 09:34 PM (UTC)",
    "zipcode": "98109",
    "id": 552561485,
    "street": "2547 32nd Ave W",
    "location_type": "Home",
    "privacy": "Private",
    "longitude": -122.398326,
    "state": "WA"
}
```

▶ USERS ADDRESSES CREATE

POST /users/:user_id/addresses

REQUIRED PERMISSIONS

User Admin

PARAMETERS

```
street = ["1234 Main St]
city = ["Seattle"]
state = ["WA"]
zipcode = ["98064"]
location_type = ["Home" | "Work" | "Mailing"]
```

EXAMPLE

https://api.onthecity.org/users/452617/addresses
{"street":"24720 SE 31st Pl","city":"Issaquah"}

```
HTTP 200 OK
{
    "total_entries": 2,
    "total_pages": 1,
    "addresses": [
    {
        "city": null,
        created_at": "05/01/2012 12:02 AM (UTC)",
        "latitude": null,
        "updated_at": "05/01/2012 12:02 AM (UTC)",
        "zipcode": null,
        "id": 1027473242,
        "street": "5555 Soth Way",
        "location_type": null,
        "privacy": "Private",
        "longitude": null,
        "state": null
```

```
},{
    "city": "Sammamish",
    "created_at": "04/30/2012 11:54 PM (UTC)",
    "latitude": 47.60918,
    "updated_at": "05/01/2012 12:00 AM (UTC)",
    "zipcode": null,
    "id": 1027473241,
    "street": "12345 Main",
    "location_type": null,
    "privacy": "Private",
    "longitude": -122.059499,
    "state": null
}],
    "per_page": 20,
    "current_page": 1
}
```

▶ USERS ADDRESSES UPDATE

PUT /users/:user_id/addresses/:id

REQUIRED PERMISSIONS

User Admin

PARAMETERS

```
street = ["1234 Main St]
city = ["Seattle"]
state = ["WA"]
zipcode = ["98064"]
location_type = ["Home" | "Work" | "Mailing"]
```

EXAMPLE

https://api.onthecity.org/users/452617/addresses/1234324?zipcode=98109
{"street":"24720 SE 31st Pl","city":"Issaquah"}

```
HTTP 200 OK

{
    "city": "Issaquah",
    "created_at": "04/30/2012 08:46 PM (UTC)",
    "latitude": 47.64114,
    "updated_at": "04/30/2012 09:34 PM (UTC)",
    "zipcode": "98109",
    "id": 552561485,
    "street": "2547 32nd Ave W",
    "location_type": "Home",
    "privacy": "Private",
```

```
"longitude": -122.398326,
"state": "WA"
}
```

▶ USERS ADDRESSES DESTROY

DELETE /users/:user_id/addresses/:id

REQUIRED PERMISSIONS

User Admin

PARAMETERS

N/A

EXAMPLE

https://api.onthecity.org/users/452617/addresses/12345

```
HTTP 200 OK
{
           "total_entries": 2,
           "total_pages": 1,
"addresses": [
           {
                      "city": null,
created_at": "05/01/2012 12:02 AM (UTC)",
"latitude": null,
"updated_at": "05/01/2012 12:02 AM (UTC)",
"zipcode": null,
"id": 1027473242,
                       "street": "5555 Soth Way",
                       "location_type": null,
"privacy": "Private",
                       "longitude": null,
                       "state": null
           },{
                       "city": "Sammamish",
                      "created_at": "04/30/2012 11:54 PM (UTC)", "latitude": 47.60918, "updated_at": "05/01/2012 12:00 AM (UTC)",
                       "zipcode": null,
                       "id": 1027473241,
                       "street": "12345 Main",
                      "location_type": null,
"privacy": "Private",
"longitude": -122.059499,
                       "state": null
           }],
```

```
"per_page": 20,
    "current_page": 1
}
```

▶ USERS ADMIN_PRIVILEGES INDEX

GET /users/:user_id/admin_privileges

REQUIRED PERMISSIONS

User Admin or Account Admin

PARAMETERS

```
page = [1, 2, ...]
```

EXAMPLE

https://api.onthecity.org/users/452617/admin_privileges

RETURN DATA

► USERS ADMIN_PRIVILEGES CREATE

POST /users/:user_id/admin_privileges

REQUIRED PERMISSIONS

Account Admin

PARAMETERS

```
title = ["API Admin" | "Account Admin" | "Designer" | "Financial User" | "Group
Admin" | "Process User" | "Reporting User" | "Resource Admin" | "Support
Admin" | "User Admin"]
```

EXAMPLE

```
https://api.onthecity.org/users/452617/admin_privileges
{"title":"Designer"}
```

RETURN DATA

▶ USERS BARCODES INDEX

GET /users/:user_id/barcodes

REQUIRED PERMISSIONS

User Admin

PARAMETERS

```
page = [1, 2, ...]
```

EXAMPLE

https://api.onthecity.org/users/452617/barcodes

▶ USERS BARCODES SHOW

GET /users/:user_id/barcodes/:id

REQUIRED PERMISSIONS

User Admin

PARAMETERS

:id can be the barcode or the barcode's ID

EXAMPLE

https://api.onthecity.org/users/452617/barcodes/234234234

RETURN DATA

```
HTTP 200 OK {
    "barcode": "234234234",
    "id": 1012338309,
    "created_at": "05/16/2012"
}
```

▶ USERS BARCODES CREATE

POST /users/:user_id/invitations

REQUIRED PERMISSIONS

User Admin

PARAMETERS

```
barcode = [12345 | "sdfhdf8d78d7f87" | etc]
```

EXAMPLE

https://api.onthecity.org/users/452617/barcodes?barcode=5812

RETURN DATA

▶ USERS BARCODES DESTROY

DELETE /users/:user_id/barcodes/:id

REQUIRED PERMISSIONS

User Admin

PARAMETERS

:id can be the barcode or the barcode's ID

EXAMPLE

https://api.onthecity.org/users/452617/barcodes/5812

RETURN DATA

▶ USERS INVITATIONS INDEX

GET /users/:user_id/invitations

REQUIRED PERMISSIONS

User Admin

PARAMETERS

```
page = [1, 2, ...]
```

EXAMPLE

https://api.onthecity.org/users/452617/invitations

```
HTTP 200 OK
{
    "total_entries": 1,
    "total_pages": 1,
    "per_page": 20,
    "current_page": 1,
    "invitations": [
```

► USERS INVITATIONS CREATE

POST /users/:user_id/invitations

REQUIRED PERMISSIONS

User Admin

PARAMETERS

```
group_id = [12345]
custom_message = ["Please join the group!"]
```

EXAMPLE

https://api.onthecity.org/users/452617/invitations?group_id=5812&custom_message=Join!

RETURN DATA

```
{
    "created_at": "02/06/2012",
    "pending_approval": false,
    "group_id": 5812,
    "id": 1696907,
    "user_id": 14347,
    "custom_message": "Join!",
    "source": "API Invite | Groupy Group (5812) on 2012-02-06 at 17:01",
    "email": "theusers@email.com"
}
```

▶ USERS FAMILY INDEX

REQUIRED PERMISSIONS

User Admin

PARAMETERS

N/A

EXAMPLE

https://api.onthecity.org/users/family

```
HTTP 200 OK
         "created_at": "04/30/2012 08:46 PM (UTC)", "external_id": "5555",
         "id": 398768686,
"family_members":
                  "name": "Pastor Sam Shepherd",
"admin_url": "http://local.devthecity.org:3000/admin/users/946060874",
                  "External ID 1": null, "birthdate": "1974-11-09", "user_id": 946060874, "barcodes": [
                            "created_at": "04/30/2012",
                            "barcode": "0987654321"
                  "active": true,
"email": "zack@onthecity.org"
         },{
                  "name": "Deacon Sally Shepherd",
"admin_url": "http://local.devthecity.org:3000/admin/users/23838500",
                  "External ID 1": null,
"birthdate": "1974-11-09",
"user_id": 23838500,
                  "family_role": "Spouse",
                   "api_url": "https://api.onthecity.org/users/23838500",
                   "actīve": true,
                  "email": "deacon@onthecity.org"
         },{
                  "name": "Jack Hubert",
"admin_url": "http://local.devthecity.org:3000/admin/users/790725326",
"External ID 1": null,
"birthdate": "2006-11-09",
"user_id": 790725326,
                  "family_role": "Child"
                  "api_url": "https://api.onthecity.org/users/790725326",
"active": true,
```

```
"email": null
}]
```

▶ USERS FAMILY CREATE

POST /users/:user_id/family

REQUIRED PERMISSIONS

User Admin

PARAMETERS

```
f family_id = [12345]
f family_external_id = [12345 | "234sdf34"]
family_role = ["Spouse" | "Child" | "TempChild" | "LegalChild"]
```

† either family_id or family_external_id required

EXAMPLE

https://api.onthecity.org/users/452617/family?family_id=5812&family_role=Spouse

```
"External ID 1": null,
    "birthdate": "1974-11-09",
    "user_id": 23838500,
    "family_role": "Spouse",
    "api_url": "https://api.onthecity.org/users/23838500",
    "active": true,
    "email": "deacon@onthecity.org"

},{
    "name": "Jack Hubert",
    "admin_url": "http://local.devthecity.org:3000/admin/users/790725326",
    "External ID 1": null,
    "birthdate": "2006-11-09",
    "user_id": 790725326,
    "family_role": "Child",
    "api_url": "https://api.onthecity.org/users/790725326",
    "active": true,
    "email": null
}]
```

▶ USERS FAMILY UPDATE

PUT /users/:user_id/family

REQUIRED PERMISSIONS

User Admin

PARAMETERS

```
family role = ["Spouse" | "Child" | "TempChild" | "LegalChild"]
```

EXAMPLE

https://api.onthecity.org/users/452617/family?family role=Spouse

```
"created at": "04/30/2012",
                          "barcode": "0987654321"
                 }],
"family_role": "Spouse",
"api_url": "https://api.onthecity.org/users/946060874",
"active": true,
"email": "zack@onthecity.org"
...
        },{
                  "name": "Deacon Sally Shepherd",
                  "admin_url": "http://local.devthecity.org:3000/admin/users/23838500",
                 "admin_uri : <u>nictp.//ioca.</u>
"External ID 1": null,
"birthdate": "1974-11-09",
"user_id": 23838500,
"family_role": "Spouse",
""""
                  "api_url": "https://api.onthecity.org/users/23838500",
                  "active": true,
                  "email": "deacon@onthecity.org"
        },{
                  "name": "Jack Hubert",
                  "admin_url": "http://local.devthecity.org:3000/admin/users/790725326",
                 "External ID 1": null,
                  "birthdate": "2006-11-09",
                  "user id": 790725326,
                  "family_role": "Child",
                  "api_url": "https://api.onthecity.org/users/790725326",
                 "active": true,
"email": null
        }]
}
```

▶ USERS FAMILY DESTROY

DELETE /users/:user_id/family

REQUIRED PERMISSIONS

User Admin

PARAMETERS

N/A

EXAMPLE

https://api.onthecity.org/users/452617/family

RETURN DATA

HTTP 200 USER IS NO LONGER PART OF FAMILY

▶ USERS NOTES INDEX

GET /users/:user_id/notes

REQUIRED PERMISSIONS

User Admin or admin privilege listed in note's "visible_to" array.

PARAMETERS

```
page = [1, 2, ...]
```

EXAMPLE

https://api.onthecity.org/users/452617/notes

```
HTTP 200 OK
        "total_entries": 3,
"total_pages": 1,
"notes": [
                  "created_at": "05/08/2012",
"author": "Pastor Sam Shepherd",
                  "updated_at": "05/08/2012",
                  "id": 756434909,
                  "visible_to": [

"Account Admin"
                 ],
"author_id": 946060874
        },{
                  "created_at": "05/08/2012",
                 "author": "Pastor Sam Shepherd", "updated_at": "05/08/2012",
                  "id": 756434908,
                 "visible_to": [

"Account Admin"
                 ],
"author_id": 946060874
        },{
                  "created_at": "05/08/2012";
                 "author": "Pastor Sam Shepherd", "updated_at": "05/08/2012",
                 "id": 756434907,
                  "visible_to": [
                           "Āccount Admin",
                           "User Admin"
                 ],
"author_id": 946060874
        }],
"per_page": 20,
```

```
"current_page": 1
}
```

▶ USERS NOTES SHOW

GET /users/:user_id/notes/:id

REQUIRED PERMISSIONS

User Admin or admin privilege listed in note's "visible_to" array.

PARAMETERS

N/A

EXAMPLE

https://api.onthecity.org/users/452617/notes/121313

RETURN DATA

▶ USERS NOTES CREATE

POST /users/:user_id/notes/

REQUIRED PERMISSIONS

PARAMETERS

RETURN DATA

▶ USERS PROCESSES INDEX

GET /users/:user_id/processes

REQUIRED PERMISSIONS

Process User

PARAMETERS

```
page = [1, 2, ...]
```

EXAMPLE

https://api.onthecity.org/users/452617/processes

RETURN DATA

▶ USERS PROCESSES SHOW

GET /users/:user_id/processes/:id

REQUIRED PERMISSIONS

Process User

PARAMETERS

N/A

EXAMPLE

https://api.onthecity.org/users/452617/processes/121313

```
HTTP 200 OK
{
         "name": "Member Process",
         "id": 241832976,
         "state": "complete"
}
```

▶ USERS PROCESSES ANSWERS INDEX

GET /users/:user_id/processes/:process_id/answers

REQUIRED PERMISSIONS

Process User

PARAMETERS

```
page = [1, 2, ...]
```

EXAMPLE

https://api.onthecity.org/users/452617/processes/12343/answers

RETURN DATA

```
HTTP 200 OK
           "total_entries": 3,
           "total_pages": 1,
          "per_page": 20,
"answers": [
                      "question id": 702,
                     "required": true,
"question": "Question 2",
"answered_at": "05/01/2012 11:34 PM (UTC)",
"answer": "Please help me!!!"
          },{
                     "question_id": 701,
                     "required": true,
"question": "Question 1",
"answered_at": "05/01/2012 11:34 PM (UTC)",
"answer": "I think this is lame!"
          },{
                     "question_id": 700,
                     "required": true,
"question": "Done?"
                     "answered_at": "05/01/2012 11:34 PM (UTC)",
                     "answer": __"1"
          }]
}
```

▶ USERS PROCESSES NOTES INDEX

GET /users/:user_id/processes/:process_id/notes

REQUIRED PERMISSIONS

Process User

PARAMETERS

```
page = [1, 2, ...]
```

EXAMPLE

https://api.onthecity.org/users/452617/processes/12343/notes

RETURN DATA

▶ USERS ROLES INDEX

GET /users/:user_id/roles

REQUIRED PERMISSIONS

User Admin

PARAMETERS

```
page = [1, 2, ...]
```

EXAMPLE

https://api.onthecity.org/users/452617/roles

▶ USERS ROLES SHOW

GET /users/:user_id/roles/:id

REQUIRED PERMISSIONS

User Admin

PARAMETERS

N/A

EXAMPLE

https://api.onthecity.org/users/452617/roles/1234

```
HTTP 200 OK
{

    "group_name": "The Group",
    "created_at": "05/11/2009",
    "group_api_url": "https://api.onthecity.org/admin/groups/1245",
    "title": "Participant",
    "group_type": "Campus",
    "group_id": 1245,
    "id": 75530,
    "last_engaged": "01/24/2012",
    "active": true
```

▶ USERS ROLES CREATE

POST /users/:user_id/roles

REQUIRED PERMISSIONS

User Admin

PARAMETERS

```
group_id = [123456789]
title = ["Leader" | "Manager" | "Volunteer" | "Participant"]
```

EXAMPLE

https://api.onthecity.org/users/452617/roles?group_id=12345&title=Leader

RETURN DATA

HTTP 204 ROLE SCHEDULED FOR CREATION

▶ USERS ROLES DESTROY

DELETE /users/:user_id/roles/:id

REQUIRED PERMISSIONS

User Admin

PARAMETERS

N/A

EXAMPLE

https://api.onthecity.org/users/452617/roles/1234

▶ USERS ROLES ACTIVATE

PUT /users/:user_id/roles/:id/activate

REQUIRED PERMISSIONS

User Admin

PARAMETERS

N/A

EXAMPLE

https://api.onthecity.org/users/452617/roles/1234/activate

```
HTTP 200 OK
{

    "group_name": "The Group",
    "created_at": "05/11/2009",
    "group_api_url": "https://api.onthecity.org/admin/groups/1245",
    "title": "Participant",
    "group_type": "Campus",
    "group_id": 1245,
    "id": 75530,
```

```
"last_engaged": "01/24/2012",
"active": true
}
```

▶ USERS ROLES DEACTIVATE

PUT /users/:user_id/roles/:id/deactivate

REQUIRED PERMISSIONS

User Admin

PARAMETERS

N/A

EXAMPLE

https://api.onthecity.org/users/452617/roles/1234/deactivate

RETURN DATA

```
HTTP 200 OK
{
        "group_name": "The Group",
        "created_at": "05/11/2009",
        "group_api_url": "https://api.onthecity.org/admin/groups/1245",
        "title": "Participant",
        "group_type": "Campus",
        "group_id": 1245,
        "id": 75530,
        "last_engaged": "01/24/2012",
        "active": false
}
```

▶ USERS ROLES PROMOTE

PUT /users/:user_id/roles/:id/promote

REQUIRED PERMISSIONS

User Admin

PARAMETERS

```
title = ["Leader" | "Manager" | "Volunteer" | "Participant"]
```

EXAMPLE

https://api.onthecity.org/users/452617/roles/1234/promote?title=Manager

RETURN DATA

```
HTTP 200 OK
{
    "group_name": "The Group",
    "created_at": "05/11/2009",
    "group_api_url": "https://api.onthecity.org/admin/groups/1245",
    "title": "Manager",
    "group_type": "Campus",
    "group_id": 1245,
    "id": 75530,
    "last_engaged": "01/24/2012",
    "active": true
}
```

▶ USERS ROLES DEMOTE

PUT /users/:user_id/roles/:id/demote

REQUIRED PERMISSIONS

User Admin

PARAMETERS

```
title = ["Leader" | "Manager" | "Volunteer" | "Participant"]
```

EXAMPLE

https://api.onthecity.org/users/452617/roles/1234/demote?title=Participant

```
HTTP 200 OK {

"group_name": "The Group",
 "created_at": "05/11/2009",
 "group_api_url": "https://api.onthecity.org/admin/groups/1245",
```

```
"title": "Participant",
    "group_type": "Campus",
    "group_id": 1245,
    "id": 75530,
    "last_engaged": "01/24/2012",
    "active": true
}
```

▶ USERS SKILLS INDEX

GET /users/:user_id/skills

REQUIRED PERMISSIONS

User Admin

PARAMETERS

```
page = [1, 2, ...]
```

EXAMPLE

https://api.onthecity.org/users/452617/skills

RETURN DATA

```
HTTP 200 OK
{
       "total_entries": 3,
       "total_pages": 1,
       "per_page": 20,
"current_page": 1,
"skills": [
       {
               "name": "Art",
               "skill_id": 1046429012
       },{
               "name": "Teaching-Curriculum",
               "skill_id": 1046429013
       },{
               "name": "Trade-Automotive",
               "skill_id": 1046429013
       }]
}
```

▶ USERS SKILLS CREATE

POST /users/:user_id/skills

REQUIRED PERMISSIONS

User Admin

PARAMETERS †

```
name = ["Skill-Name"]
skill id = 123456
```

† either name or skill_id required

EXAMPLE

https://api.onthecity.org/users/452617/skills?name=Art-Photography

RETURN DATA

▶ USERS SKILLS DESTROY

DELETE /users/:user_id/skills/:id

REQUIRED PERMISSIONS

PARAMETERS

```
:id = ["Name" | 12345]
```

EXAMPLE

https://api.onthecity.org/users/452617/skills/Trade-Automotive

Group Endpoints

► GROUPS INDEX

GET /groups

REQUIRED PERMISSIONS

Group Admin

PARAMETERS

```
search = ["group_name"]
page = [1,2,3,4,...]
```

EXAMPLE

https://api.onthecity.org/groups?search=john

```
HTTP 200 OK
{
         "total_entries": 72,
         "total_pages": 4,
         "per_page": 20,
"current_page": 1,
"groups": [
                  "name": "A Group",
                  "admin_url": "http://church.onthecity.org/admin/groups/1445",
"created_at": "2009-03-16T06:39:05-04:00",
                  "started_as_seed": false,
"nickname": "",
                  "group_type": "Staff",
"internal_url": "http://staff.onthecity.org/groups/1445",
                  "id": 1445,

"plaza_url": "http://church.onthecity.org/plaza?group_id=1445",

"plaza_url": "http://church.onthecity.org/image_s
                  "smart_large_profile_pic": "http://church.onthecity.org/image_service/
10/1445/false/group_large_profile"
"parent_id": 1245,
                  "external_description": "",
                  "api_url": "https://api.onthecity.org/groups/1445"
         }, { ... }
}
```

GET /groups/:id

REQUIRED PERMISSIONS

Group Admin

PARAMETERS

N/A

EXAMPLE

https://api.onthecity.org/groups/1445

```
HTTP 200 OK
{
             "name": "The Group",
"admin_url": "http://church.onthecity.org/admin/groups/1445",
"created_at": "2009-03-16T03:39:05-07:00",
              "latitude": 47.682503, 
"zipcode": "98117",
                           "id": 352666,
                           "street": "54367 23rd Ave NW",
"type": "Host",
"longitude": -122.38291,
"state": "WA"
             }],
"started_as_seed": false,
"offline_user_ids": [ 94769, ... ],
"campus_name": "The Campus",
"campus_name": "The Campus",
              "nearest_neighborhood_id": null,
              "composition": {
                           "volunteers": 0,
"offline_users": 1,
                           "participants": 15,
                           "managers": 2,
"leaders": 3

},
"nickname": "",
"user_ids": [ 8123, 8551, ... ],
"group_type": "Service",
"internal_url": "http://church.onthecity.org/groups/1445",
":d": 1445,
":d": 1445,
":d": 127a?group_id=1
             "nearest_neighborhood_name": null,
"plaza_url": "http://church.onthecity.org/plaza?group_id=1445",
"smart_large_profile_pic": "http://church.onthecity.org/image_service/10/1445/
false/group_large_profile",
    "campus_id": 1245,
    "parent_id": 1245,
```

▶ GROUPS CREATE

POST /groups/

REQUIRED PERMISSIONS

Group Admin

PARAMETERS

```
name = ["Unique String"]
parent_id = [12345] <- id of the parent group</pre>
group_type = ["CG" | "Campus" | etc]
description = ["string"]
hide_topics = [true | false]
hide_events = [true | false]
hide_prayers = [true | false]
hide_needs = [true | false]
hide_albums = [true | false]
open_topic_creation = [true | false]
open_event_creation = [true | false]
open_prayer_creation = [true | false]
open_need_creation = [true | false]
open_album_creation = [true | false]
target_size = ["string"]
secure = [true | false]
unlisted = [true | false]
nickname = ["Unique string"]
auto_approve_invites = [true | false]
```

EXAMPLE

https://api.onthecity.org/groups?name=Adoptions&group_type=Other&parent_id=1234

```
"zipcode": "98117",
    "id": 352666,
    "street": "54367 23rd Ave NW",
    "type": "Host",
    "longitude": -122.38291,
    "state": "WA"
}],
    "started_as_seed": false,
    "offline_user_ids": [ 94769, ... ],
    "campus_name": "The Campus",
...same as Group#show...
```

▶ GROUPS UPDATE

PUT /groups/:id

REQUIRED PERMISSIONS

Group Admin

PARAMETERS

```
name = ["Unique String"]
parent id = [12345] <- id of the parent group
group_type = ["CG" | "Campus" | etc]
description = ["string"]
hide_topics = [true | false]
hide_events = [true | false]
hide_prayers = [true | false]
hide_needs = [true | false]
hide_albums = [true | false]
open_topic_creation = [true | false]
open_event_creation = [true | false]
open_prayer_creation = [true | false]
open_need_creation = [true | false]
open_album_creation = [true | false]
target_size = ["string"]
secure = [true | false]
unlisted = [true | false]
nickname = ["Unique string"]
auto_approve_invites = [true | false]
```

EXAMPLE

```
https://api.onthecity.org/groups/12344
{"secure":true,"description":"A secure group that is secure"}
```

▶ GROUPS COUNT

GET /groups/count

REQUIRED PERMISSIONS

Group Admin

PARAMETERS

N/A

EXAMPLE

https://api.onthecity.org/groups/count

RETURN DATA

► GROUPS ADDRESSES INDEX

REQUIRED PERMISSIONS

Group Admin

PARAMETERS

```
page = [1, 2, ...]
```

EXAMPLE

https://api.onthecity.org/groups/452617/addresses

RETURN DATA

▶ GROUPS ADDRESSES SHOW

GET /groups/:group_id/addresses/:id

REQUIRED PERMISSIONS

Group Admin

PARAMETERS

N/A

EXAMPLE

https://api.onthecity.org/groups/452617/addresses/1234324

RETURN DATA

```
HTTP 200 OK

{
    "city": "Seattle",
    "created_at": "04/30/2012 08:46 PM (UTC)",
    "latitude": 47.64114,
    "updated_at": "04/30/2012 09:34 PM (UTC)",
    "zipcode": "98109",
    "id": 552561485,
    "street": "2547 32nd Ave W",
    "location_type": "Host",
    "privacy": "Public",
    "longitude": -122.398326,
    "state": "WA"
}
```

▶ GROUPS ADDRESSES CREATE

POST /groups/:group_id/addresses

REQUIRED PERMISSIONS

Group Admin

PARAMETERS

```
street = ["1234 Main St]
city = ["Seattle"]
state = ["WA"]
zipcode = ["98064"]
```

```
location_type = ["Host"]
```

EXAMPLE

```
https://api.onthecity.org/groups/452617/addresses
{"street":"24720 SE 31st Pl","city":"Issaquah"}
```

RETURN DATA

```
HTTP 200 OK
          "total_entries": 2,
"total_pages": 1,
           "addresses": [
           {
                     "id": 1027473242,
"street": "5555 Soth Way",
"location_type": null,
"privacy": "Private",
                     "longitude": null,
                      "state": null
          },{
                     "city": "Sammamish",
"created_at": "04/30/2012 11:54 PM (UTC)",
"latitude": 47.60918,
"updated_at": "05/01/2012 12:00 AM (UTC)",
"zipcode": null,
                     "id<sup>"</sup>: 1027473241,
                      "street": "12345 Main",
                     "location_type": null,
"privacy": "Private",
"longitude": -122.059499,
                      "state": null
          }],
"per_page": 20,
           "current_page": 1
}
```

▶ GROUPS ADDRESSES UPDATE

PUT /groups/:group_id/addresses/:id

REQUIRED PERMISSIONS

Group Admin

PARAMETERS

```
street = ["1234 Main St]
city = ["Seattle"]
state = ["WA"]
zipcode = ["98064"]
location_type = ["Host"]
```

EXAMPLE

https://api.onthecity.org/groups/452617/addresses/1234324?zipcode=98109
{"street":"24720 SE 31st Pl","city":"Issaquah"}

RETURN DATA

```
HTTP 200 OK
{
    "city": "Issaquah",
    "created_at": "04/30/2012 08:46 PM (UTC)",
    "latitude": 47.64114,
    "updated_at": "04/30/2012 09:34 PM (UTC)",
    "zipcode": "98109",
    "id": 552561485,
    "street": "2547 32nd Ave W",
    "location_type": "Host",
    "privacy": "Private",
    "longitude": -122.398326,
    "state": "WA"
}
```

▶ GROUPS ADDRESSES DESTROY

DELETE /groups/:group_id/addresses/:id

REQUIRED PERMISSIONS

Group Admin

PARAMETERS

N/A

EXAMPLE

https://api.onthecity.org/groups/452617/addresses/12345

RETURN DATA

HTTP 200 OK

```
{
            "total_entries": 2,
            "total_pages": 1,
"addresses": [
                        "city": null,
created_at": "05/01/2012 12:02 AM (UTC)",
"latitude": null,
"updated_at": "05/01/2012 12:02 AM (UTC)",
"zipcode": null,
                        "id": 1027473242,
                        "street": "5555 Soth Way",
"location_type": "Host",
"privacy": "Private",
"longitude": null,
                         "state": null
            },{
                        "city": "Sammamish"
                         "created at": "04/30/2012 11:54 PM (UTC)",
                        "latitude": 47.60918,
"updated_at": "05/01/2012 12:00 AM (UTC)",
                        "zipcode": null,
                        "id": 1027473241,
"street": "12345 Main",
"location_type": "Host",
"privacy": "Private",
"longitude": -122.059499,
                         "state": null
            }],
              'per_page": 20,
            "current_page": 1
}
```

► GROUPS EXPORTS INDEX

GET /groups/:group_id/exports

REQUIRED PERMISSIONS

Group Admin

PARAMETERS

```
page = [1,2,3,...]
```

EXAMPLE

https://api.onthecity.org/groups/4367/exports

RETURN DATA

HTTP 200 OK

▶ GROUPS EXPORTS SHOW

GET /groups/:group_id/exports/:id

REQUIRED PERMISSIONS

Group Admin

EXAMPLE

https://api.onthecity.org/groups/4367/exports/58560

RETURN DATA

```
HTTP 200 OK
{
        "created_at": "01/12/2012 10:15 PM (PST)",
        "authenticated_s3_url": "http://s3.amazonaws.com:80/thecity/dms_reports
%2F58560%2FGroupExport_01_12_2012__10_15_21PM.csv?Signature=CMeuhOgNY%2BLS
%2FjGrGIAgWDG3JJ0%3D&Expires=1328589584&AWSAccessKeyId=0APJF43XSHNJKBJZXY82",
        "id": 58560,
        "state": "complete"
}
```

▶ GROUPS EXPORTS CREATE

POST /groups/:group_id/exports

REQUIRED PERMISSIONS

Group Admin

PARAMETERS

```
user_type = ["OfflineUsers" | "Users"]
```

EXAMPLE

https://api.onthecity.org/groups/4367/exports

RETURN DATA

```
HTTP 202 Accepted
{
        "created_at": "02/06/2012 11:36 PM (EST)",
        "authenticated_s3_url": "",
        "id": 62706,
        "state": "inqueue"
}
```

▶ GROUPS INVITATIONS INDEX

GET /groups/:group_id/invitations

REQUIRED PERMISSIONS

Group Admin

PARAMETERS

```
page = [1, 2, ...]
```

EXAMPLE

https://api.onthecity.org/groups/1234/invitations

```
HTTP 200 OK
{
    "total_entries": 1,
    "total_pages": 1,
    "per_page": 20,
    "current_page": 1,
    "invitations": [
```

```
{
    "created_at": "02/06/2012",
        "pending_approval": false,
        "group_id": 17543,
        "id": 1696876,
        "user_id": 14347,
        "custom_message": null,
        "source": "API Invite | Group A (17543) on 2012-02-06 at 16:54",
        "email": "theusers@email.net"
}]
```

▶ GROUPS INVITATIONS CREATE

POST /groups/:group_id/invitations

REQUIRED PERMISSIONS

Group Admin

PARAMETERS

```
† user_id = [12345]
† external_id_1 = ["12345"]
† email = ["user@domain.org"]
custom_message = ["Please join the group!"]
```

† at least one of these is required

EXAMPLE

https://api.onthecity.org/groups/4321/invitations? email=user4@geemail.org&custom_message=Join!

```
HTTP 200 OK
{
        "created_at": "02/06/2012",
        "pending_approval": false,
        "group_id": 5812,
        "id": 1696907,
        "user_id": 14347,
        "custom_message": "Join!",
        "source": "API Invite | Groupy Group (5812) on 2012-02-06 at 17:01",
        "email": "theusers@email.com"
}
```

▶ GROUPS ROLES INDEX

GET /groups/:group_id/roles

REQUIRED PERMISSIONS

Group Admin

PARAMETERS

```
page = [1,2,3,...]
title = ["Leaders" | "Managers" | "Volunteers" | "Participants" | "Inactive"]
include_inactive = [true | false]
```

EXAMPLE

https://api.onthecity.org/groups/4367/roles

RETURN DATA

▶ GROUPS ROLES SHOW

GET /groups/:group_id/roles/:id

REQUIRED PERMISSIONS

Group Admin

PARAMETERS

N/A

EXAMPLE

https://api.onthecity.org/groups/452617/roles/265005445

RETURN DATA

```
HTTP 200 OK
{
     "created_at": "04/30/2012",
     "title": null,
     "user_api_url": "https://api.onthecity.org/users/494335566",
     "id": 265005445,
     "user_type": "Offline User",
     "user_id": 494335566,
     "last_engaged": null,
     "user_name": "Joe Offline",
     "active": true
}
```

▶ GROUPS ROLES CREATE

POST /groups/:group_id/roles

REQUIRED PERMISSIONS

Group Admin

PARAMETERS

```
user_id = [123456789]
title = ["Leader" | "Manager" | "Volunteer" | "Participant"]
```

EXAMPLE

https://api.onthecity.org/groups/452617/roles?user id=12345&title=Leader

RETURN DATA

HTTP 204 ROLE SCHEDULED FOR CREATION

► GROUPS ROLES DESTROY

DELETE /groups/:group_id/roles/:id

REQUIRED PERMISSIONS

Group Admin

PARAMETERS

N/A

EXAMPLE

https://api.onthecity.org/groups/452617/roles/1234

RETURN DATA

▶ GROUPS ROLES ACTIVATE

PUT /groups/:group_id/roles/:id/activate

REQUIRED PERMISSIONS

Group Admin

PARAMETERS

N/A

EXAMPLE

https://api.onthecity.org/groups/452617/roles/1234/activate

RETURN DATA

```
HTTP 200 OK
{
    "created_at": "04/30/2012",
    "title": null,
    "user_api_url": "https://api.onthecity.org/users/494335566",
    "id": 265005445,
    "user_type": "Offline User",
    "user_id": 494335566,
    "last_engaged": null,
    "user_name": "Joe Offline",
    "active": true
}
```

▶ GROUPS ROLES DEACTIVATE

PUT /groups/:group_id/roles/:id/deactivate

REQUIRED PERMISSIONS

Group Admin

PARAMETERS

N/A

EXAMPLE

https://api.onthecity.org/groups/452617/roles/1234/deactivate

```
HTTP 200 OK {
    "created_at": "04/30/2012",
    "title": null,
```

```
"user_api_url": "https://api.onthecity.org/users/494335566",
"id": 265005445,
"user_type": "Offline User",
"user_id": 494335566,
"last_engaged": null,
"user_name": "Joe Offline",
"active": false
}
```

▶ GROUPS ROLES PROMOTE

PUT /groups/:group_id/roles/:id/promote

REQUIRED PERMISSIONS

Group Admin

PARAMETERS

```
title = ["Leader" | "Manager" | "Volunteer" | "Participant"]
```

EXAMPLE

https://api.onthecity.org/groups/452617/roles/1234/promote?title=Manager

RETURN DATA

```
HTTP 200 OK
{
        "created_at": "04/30/2012",
        "title": "Manager,
        "user_api_url": "https://api.onthecity.org/users/494335566",
        "id": 265005445,
        "user_type": "User",
        "user_id": 494335566,
        "last_engaged": null,
        "user_name": "Joe Smith",
        "active": true
}
```

▶ GROUPS ROLES DEMOTE

PUT /groups/:group_id/roles/:id/demote

REQUIRED PERMISSIONS

Group Admin

PARAMETERS

```
title = ["Leader" | "Manager" | "Volunteer" | "Participant"]
```

EXAMPLE

https://api.onthecity.org/groups/452617/roles/1234/demote?title=Participant

RETURN DATA

```
HTTP 200 OK
{
    "created_at": "04/30/2012",
    "title": "Participant",
    "user_api_url": "https://api.onthecity.org/users/494335566",
    "id": 265005445,
    "user_type": "User",
    "user_id": 494335566,
    "last_engaged": null,
    "user_name": "Joe Smith",
    "active": true
}
```

► GROUPS ROLES DEACTIVATE_ALL

POST /groups/:group_id/roles/deactivate_all

REQUIRED PERMISSIONS

Group Admin

PARAMETERS

N/A

EXAMPLE

https://api.onthecity.org/groups/452617/roles/deactivate_all

RETURN DATA

HTTP 204 ROLES SCHEDULED FOR CREATION

▶ GROUPS TAGS INDEX

GET /groups/:group_id/tags

REQUIRED PERMISSIONS

Group Admin

PARAMETERS

N/A

EXAMPLE

https://api.onthecity.org/groups/4367/tags

RETURN DATA

▶ GROUPS TAGS CREATE

POST /groups/:group_id/tags

REQUIRED PERMISSIONS

Group Admin

PARAMETERS †

```
name = ["Skill-Name"]
tag_id = 123456
```

† either name or tag_id required

EXAMPLE

https://api.onthecity.org/groups/452617/tags?name=Meals

RETURN DATA

▶ GROUPS TAGS DESTROY

DELETE /groups/:group_id/tags/:id

REQUIRED PERMISSIONS

Group Admin

PARAMETERS

N/A

EXAMPLE

Address Endpoints

► ADDRESSES INDEX

GET /addresses

REQUIRED PERMISSIONS

User Admin or Group Admin

PARAMETERS

N/A

EXAMPLE

https://api.onthecity.org/addresses

```
HTTP 200 OK
           "total_entries": 2,
           "total_pages": 1,
           "addresses": [
           {
                      "city": "Seattle",
"created_at": "04/30/2012 08:46 PM (UTC)",
"latitude": 47.770476,
"updated_at": "04/30/2012 08:46 PM (UTC)",
"zipcode": null,
"group_id": 918508451,
"id": 42361089,
                       "street": "Greenwood Ave N & N 195th St",
                      "location_type": "Host",
"privacy": "Public",
"longitude": -122.355764,
"state": "WA"
           },{
                      "city": "Seattle",
"created_at": "04/30/2012 08:46 PM (UTC)",
                      "latitude": 47.663641,
                       "updated at": "05/03/2012 09:22 PM (UTC)",
                      "zipcode": "",
"group_id": 839047027,
"id": 65067329,
                      "street": "1203 NW Leary way",
"location_type": "Host",
                       "privacy": "Public"
                       "longitude": -122.370763,
```

```
"state": "WA"
}],
"per_page": 20,
"current_page": 1
}
```

► ADDRESSES SHOW

GET /addresses/:id

REQUIRED PERMISSIONS

User Admin or Group Admin

PARAMETERS

N/A

EXAMPLE

https://api.onthecity.org/addresses/65067329

RETURN DATA

```
HTTP 200 OK

{
    "city": "Seattle",
    "created_at": "04/30/2012 08:46 PM (UTC)",
    "latitude": 47.663641,
    "updated_at": "05/03/2012 09:22 PM (UTC)",
    "zipcode": "",
    "group_id": 839047027,
    "id": 65067329,
    "street": "1203 NW Leary way",
    "location_type": "Host",
    "privacy": "Public",
    "longitude": -122.370763,
    "state": "WA"
}
```

► ADDRESSES GROUPS

GET /addresses/groups

REQUIRED PERMISSIONS

PARAMETERS

```
page = [1,2,3,...]
group_types = ["CG,Service" | "Life,CustomType,Seed" | etc]
under_group_id = [12333423]
```

EXAMPLE

https://api.onthecity.org/addresses/groups?group_types=CG&under_group_id=1234

```
HTTP 200 OK
           "total_entries": 2,
           "total_pages": 1,
           "addresses": [
                      "city": "Seattle",
"created_at": "04/30/2012 08:46 PM (UTC)",
                      "latitude": 47.770476,
"updated_at": "04/30/2012 08:46 PM (UTC)",
                      "zipcode": null,
"group_id": 918508451,
"id": 42361089,
                      "street": "Greenwood Ave N & N 195th St",
"location_type": "Host",
"privacy": "Public",
"longitude": -122.355764,
"state": "WA"
           },{
                      "city": "Seattle"
                      "created_at": "04/30/2012 08:46 PM (UTC)",
                      "latitude": 47.663641,
"updated_at": "05/03/2012 09:22 PM (UTC)",
"zipcode": "",
                      "group_id": 839047027,
                     "id": 65067329,

"street": "1203 NW Leary way",

"location_type": "Host",

"privacy": "Public",

"longitude": -122.370763,
                      "state": "WA"
           }],
"per_page": 20,
           "current page": 1
}
```

Barcodes Endpoints

▶ BARCODES SHOW

GET /barcodes/:barcode

REQUIRED PERMISSIONS

User Admin

PARAMETERS

:barcode can be id or barcode

EXAMPLE

https://api.onthecity.org/barcodes/AA987Hg-wyw1288

```
HTTP 200 OK
{
     "user_id": 946060874,
     "user_name": "Pastor Sammy Shepherd",
     "id": 797572013,
     "created_at": "05/14/2012",
     "barcode": "745473117199"
}
```

Family Endpoints

► FAMILIES SHOW

GET /families/:id

REQUIRED PERMISSIONS

User Admin

PARAMETERS

:id can be id or external id

EXAMPLE

https://api.onthecity.org/families/122323

```
"email": "deacon@onthecity.org"

},{

    "name": "Jack Hubert",
        "admin_url": "http://local.devthecity.org:3000/admin/users/790725326",
        "External ID 1": null,
        "birthdate": "2006-11-09",
        "user_id": 790725326,
        "family_role": "Child",
        "api_url": "https://api.onthecity.org/users/790725326",
        "active": true,
        "email": null

}]
```

► FAMILIES CREATE

POST /families

REQUIRED PERMISSIONS

User Admin

PARAMETERS

```
external_id = [23234 | "sdfh324" | etc]
family_members = [
          family_role = ["Spouse" | "Child" | "TempChild" | "LegalChild"]
          tuser_id = [123122]
          texternal_id_1 = [23234 | "sdfh324" | etc]
          temail = ["name@domain.biz"]
]
```

† either user_id, external_id_1, or email required for each family_member

EXAMPLE

```
"email":"aloha@hawaii.net"}
         ]
}
RETURN DATA
HTTP 200 OK
         "id": 398768686,
         "family_members": [
                  "name": "Pastor Sam Shepherd",
"admin_url": "http://local.devthecity.org:3000/admin/users/946060874",
"External ID 1": null,
                  "birthdate": "1974-11-09",
                  "user_id": 946060874,
                  "barcodes": [
                  {
                            "created_at": "04/30/2012",
                            "barcode": "0987654321"
                  }],
"family_role": "Spouse",
"api_url": "https://api.onthecity.org/users/946060874",
"active": true,
"email": "zack@onthecity.org"
         },{
                  "name": "Deacon Sally Shepherd",
                  "admin url": "<a href="http://local.devthecity.org:3000/admin/users/23838500",">http://local.devthecity.org:3000/admin/users/23838500</a>",
                  "External ID 1": null,
                  "birthdate": "1974-11-09",

"user_id": 23838500,

"family_role": "Spouse",

"api_url": "https://api.onthecity.org/users/23838500",

"active": true,
                   "email": "deacon@onthecity.org"
         },{
                  "name": "Jack Hubert"
                  "admin_url": "http://local.devthecity.org:3000/admin/users/790725326",
                  "External ID 1": null, "birthdate": "2006-11-09", "user_id": 790725326,
                  "family_role": "Child",
                  "api_url": "https://api.onthecity.org/users/790725326",
"active": true,
"email": null
         }]
}
```

► FAMILIES UPDATE

PUT /families/:id

REQUIRED PERMISSIONS

PARAMETERS

```
:id can be id or external_id
external_id = [123445 | "234423324" | etc]
```

EXAMPLE

https://api.onthecity.org/families/12345?external id=9999

```
HTTP 200 OK
        "id": 398768686,
"family_members": [
                 "name": "Pastor Sam Shepherd",
                 "admin_url": "http://local.devthecity.org:3000/admin/users/946060874",
                "External ID 1": null, "birthdate": "1974-11-09", "user_id": 946060874, "barcodes": [
                {
                         "created_at": "04/30/2012",
                         "barcode": "0987654321"
                }],
"family_role": "Spouse",
"b++ns://ani."
                 "api_url": "https://api.onthecity.org/users/946060874",
                 "active": true,
"email": "zack@onthecity.org"
        },{
                 "name": "Deacon Sally Shepherd",
"admin_url": "http://local.devthecity.org:3000/admin/users/23838500",
                 "External ID 1": null,
                 "birthdate": "1974-11-09",
                 "user id": 23838500,
                 "family_role": "Spouse",
                 "api_url": "https://api.onthecity.org/users/23838500",
                 "actīve": true,
                 "email": "deacon@onthecity.org"
        },{
                "name": "Jack Hubert",
"admin_url": "http://local.devthecity.org:3000/admin/users/790725326",
"External ID 1": null,
"birthdate": "2006-11-09",
"user_id": 790725326,
                 "family_role": "Child"
                 "api_url": "https://api.onthecity.org/users/790725326", "active": true,
                 "email": null
        }]
}
```

► FAMILIES DESTROY

DELETE /families/:id

PARAMETERS

:id can be id or external_id

EXAMPLE

https://api.onthecity.org/families/334342

RETURN DATA

HTTP 200 Family successfully destroyed

Invitation Endpoints

▶ INVITATIONS INDEX

GET /invitations

REQUIRED PERMISSIONS

User Admin or Group Admin

PARAMETERS

EXAMPLE

https://api.onthecity.org/invitations?filter=with_external_id_1

```
HTTP 200 OK
         "total_entries": 3,
        "total_pages": 1,
"invitations": [
                  "created_at": "04/30/2012",
                 "pending_approval": false,
                 "id": 45332922,
                 "group_id": 114380847,
                 "user_id": 583844167,
                 "custom_message": null,
"source": null,
"email": "offline@marshillchurch.org"
        },{
                 "created at": "04/30/2012",
                 "pending_approval": false,
                 "id": 90519936,
"group_id": 955136928,
"user_id": 1068169463,
                 "custom_message": null,
"source": null,
"email": null
        },{
                 "created_at": "04/30/2012",
                 "pending_approval": false,
                 "id": 764636008,
                  "group_id": 631103380,
```

▶ INVITATIONS BULK INVITE

POST /invitations/

REQUIRED PERMISSIONS

User Admin or Group Admin

PARAMETERS

```
† group_id = [12345]
t group external id = [122334 | "2334AAA"]
custom_message = ["Welcome to our group!" | etc ]
title = ["Participant" | "Volunteer" | "Manager" | "Participant"] <-- acts as default
invitees = [
      // user_id = [ 121334 ]
      ## email = ["valid@emailaddress.com"]
      ## user_external_id_1 = [ 1312312 | "3324324AAGG" | etc ]
      title = ["Participant" | "Volunteer" | "Manager" | "Participant"]
      member_since = [ "DD/MM/YYYY" | "YYYY-MM-DD" ]
      external_id_1 = [ 1312312 | "3324324AAGG" | etc ]
      external_id_2 = [ 1312312 | "3324324AAGG" | etc ]
      external id 3 = [ 1312312 | "3324324AAGG" | etc ]
]
      † either group_id, group_external_id required
      †† either user_id, user_external_id_1, or email required
```

EXAMPLE

```
https://api.onthecity.org/invitations
{
        "group_id": 12345,
        "custom_message": "You should join!",
        "title": "Participant",
```

RETURN DATA

HTTP 202 BULK INVITATIONS ARE BEING DELIVERED

Metric Endpoints

▶ METRICS INDEX

GET /metrics

REQUIRED PERMISSIONS

Reporting User

PARAMETERS

```
page = [1, 2, ...]
```

EXAMPLE

https://api.onthecity.org/metrics

RETURN DATA

▶ METRICS SHOW

GET /metrics/:id

REQUIRED PERMISSIONS

Reporting User

PARAMETERS

N/A

EXAMPLE

https://api.onthecity.org/metrics/123455

RETURN DATA

```
HTTP 200 OK
{
         "name": "Total of all responses to prayer requests",
         "category": "Activity",
         "subcategory": null,
         "id": 5379098,
         "is_percent": false
}
```

▶ METRICS CREATE

POST /metrics

REQUIRED PERMISSIONS

Reporting User

PARAMETERS

```
name = ["string"]
is_percent = [true | false]
category = ["string"]
description = ["string"]
```

EXAMPLE

https://api.onthecity.org/metrics?name=CarsInTheParkingLot

RETURN DATA

► METRICS MEASUREMENTS INDEX

GET /metrics/:metric_id/measurements

REQUIRED PERMISSIONS

Reporting User

PARAMETERS

```
page = [1, 2, ...]
```

EXAMPLE

https://api.onthecity.org/metrics/12123/measurements

```
HTTP 200 OK
{
    "total_entries": 2,
    "total_pages": 1,
    "per_page": 20,
    "current_page": 1,
    "measurements": [
    {
        "created_at": "05/02/2012 06:22 AM (UTC)",
```

▶ METRICS MEASUREMENTS SHOW

GET /metrics/:metric_id/measurements/:id

REQUIRED PERMISSIONS

Reporting User

PARAMETERS

N/A

EXAMPLE

https://api.onthecity.org/metrics/123455/measurements/12324234

RETURN DATA

```
HTTP 200 OK
{
         "created_at": "05/02/2012 06:22 AM (UTC)",
         "id": 980190964,
         "value": 4.0
}
```

▶ METRICS MEASUREMENTS CREATE

POST /metrics/:metric_id/measurements

REQUIRED PERMISSIONS

Reporting User

PARAMETERS

```
value = ["55.0" | 3.23 | 4 | etc]
date = ["2002-05-25" | "10/13/77"]
time = ["3:00 PM"]
```

EXAMPLE

https://api.onthecity.org/metrics/123/measurements?value=54.75

RETURN DATA

► METRICS MEASUREMENTS DESTROY

DELETE /metrics/:metric_id/measurements/:id

REQUIRED PERMISSIONS

Reporting User

PARAMETERS

N/A

EXAMPLE

https://api.onthecity.org/metrics/123/measurements/55

RETURN DATA

HTTP 200 OK

▶ METRICS MEASUREMENTS LAST

GET /metrics/:metric_id/measurements/last

REQUIRED PERMISSIONS

Reporting User

PARAMETERS

N/A

EXAMPLE

https://api.onthecity.org/metrics/123455/measurements/last

WebHook Endpoints

▶ WEB_HOOKS INDEX

```
GET /web_hooks
```

REQUIRED PERMISSIONS

API Admin

PARAMETERS

```
page = [1, 2, ...]
```

EXAMPLE

https://api.onthecity.org/web_hooks

RETURN DATA

▶ WEB_HOOKS CREATE

POST /web_hooks

REQUIRED PERMISSIONS

API Admin

PARAMETERS

```
callback_uri = ["https://valid.sslurl.com"]
object = ["User" | "Group" | "Invitation" | "Privilege"]
event = ["create" | "update" | "destroy" | "expire"]
EXAMPLE
https://api.onthecity.org/web_hooks
        "callback_uri":"https://mysite.com/city_user_create",
"object":"User",
"event":"Create"
}
RETURN DATA
HTTP 200 OK
        "total_entries": 2,
"total_pages": 1,
"web_hooks": [
                  "callback_uri": "<a href="https://mysite.com/user_create"">https://mysite.com/user_create</a>",
                 "id": 1,

"event": "create",

"object": "User"
         },{
                  "callback_uri": "https://mysite.com/user_update",
                 "id": 2,
"event": "update",
"object": "User"
         }],
"per_page": 20,
         "current_page": 1
}
```

▶ WEB_HOOKS DESTROY

DELETE /web_hooks/:id

REQUIRED PERMISSIONS

API Admin

PARAMETERS

N/A

EXAMPLE

https://api.onthecity.org/web_hooks/2