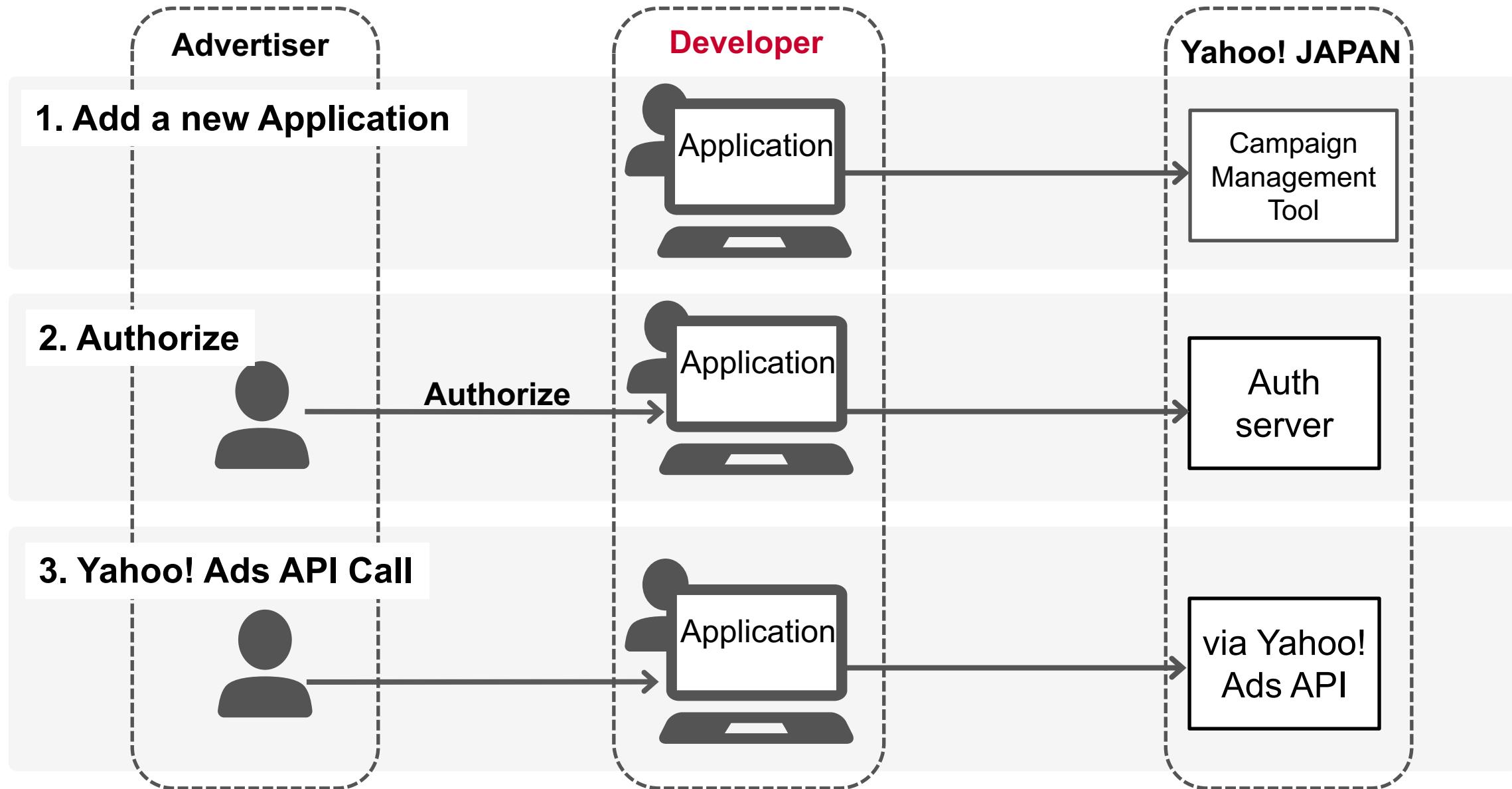
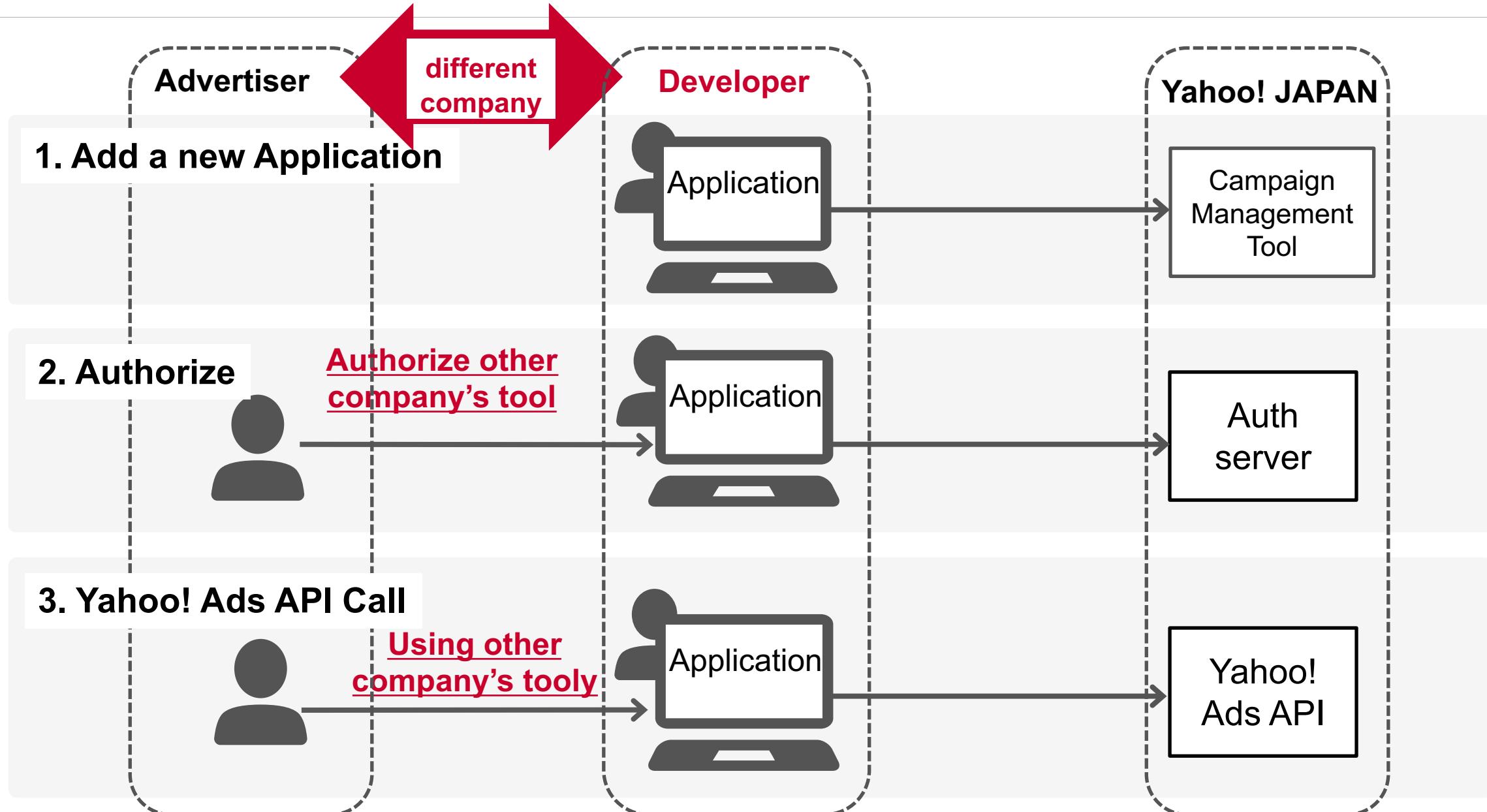


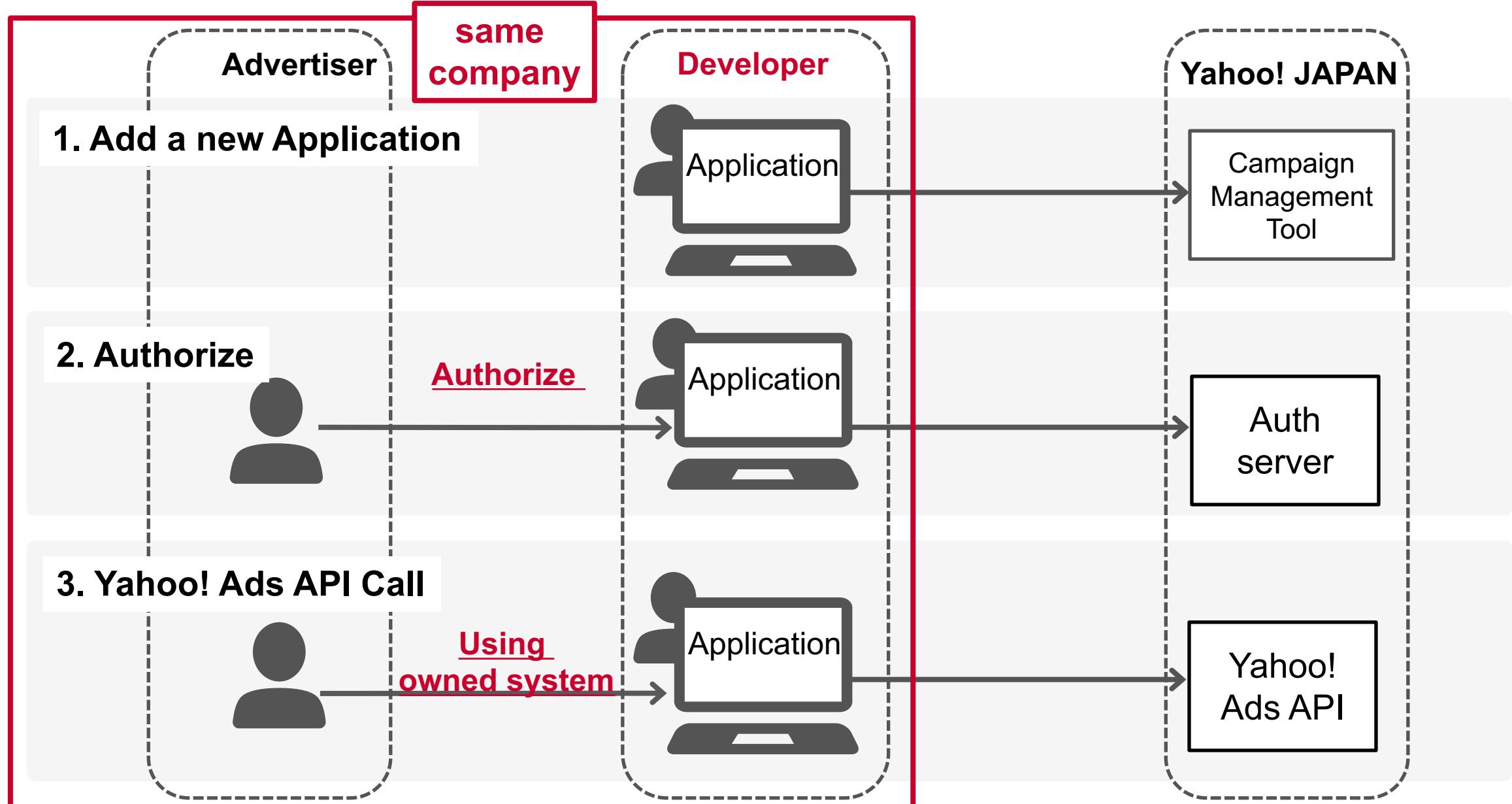
# Authorization Hands-on training

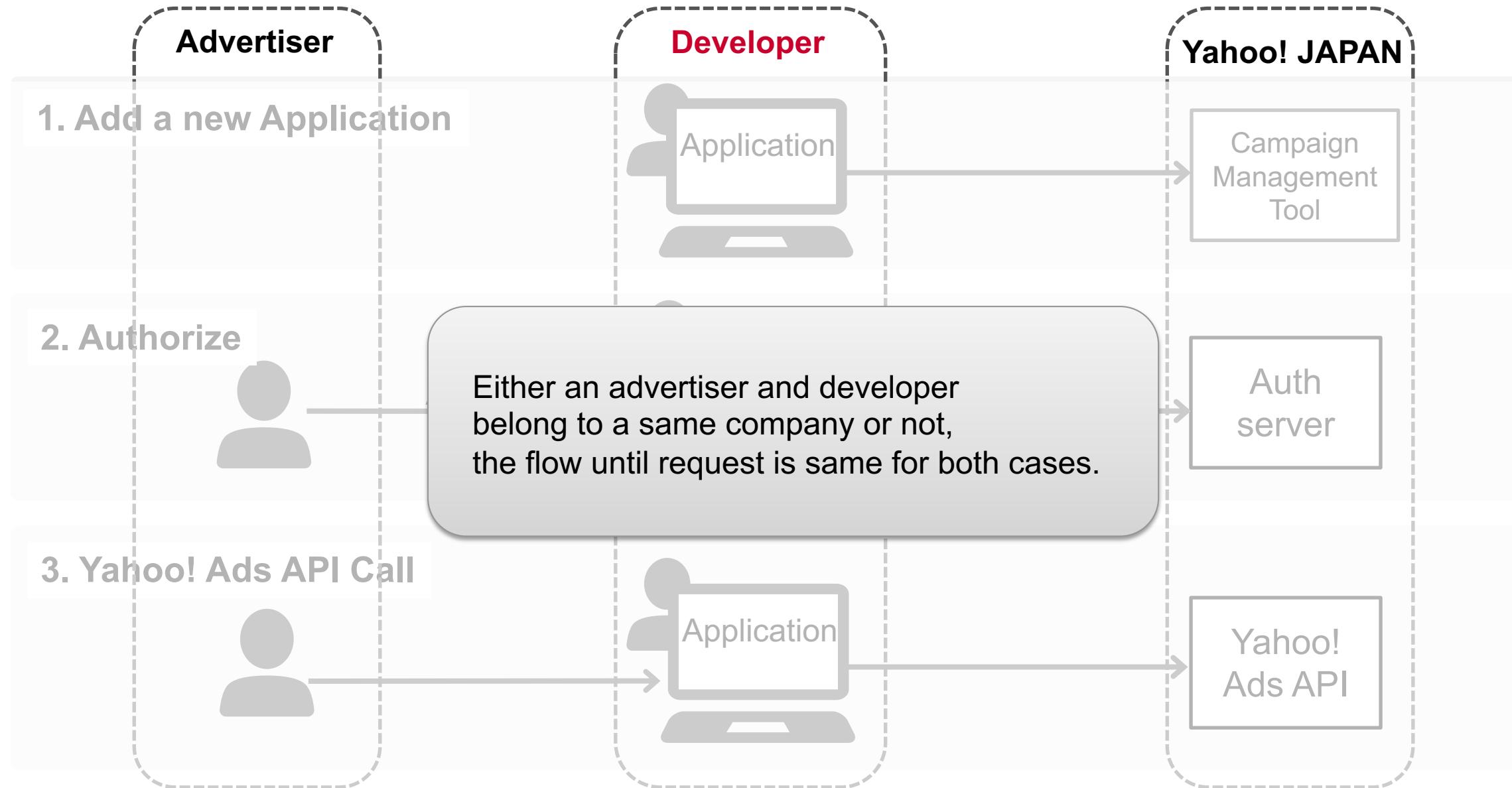
- Yahoo! Ads API Authorize and API Call (10mins)
- Authorization Hands-on (25mins)
- API Call trial Hands-on training on API Reference (20mins)
- Summary
- FAQ (10mins)

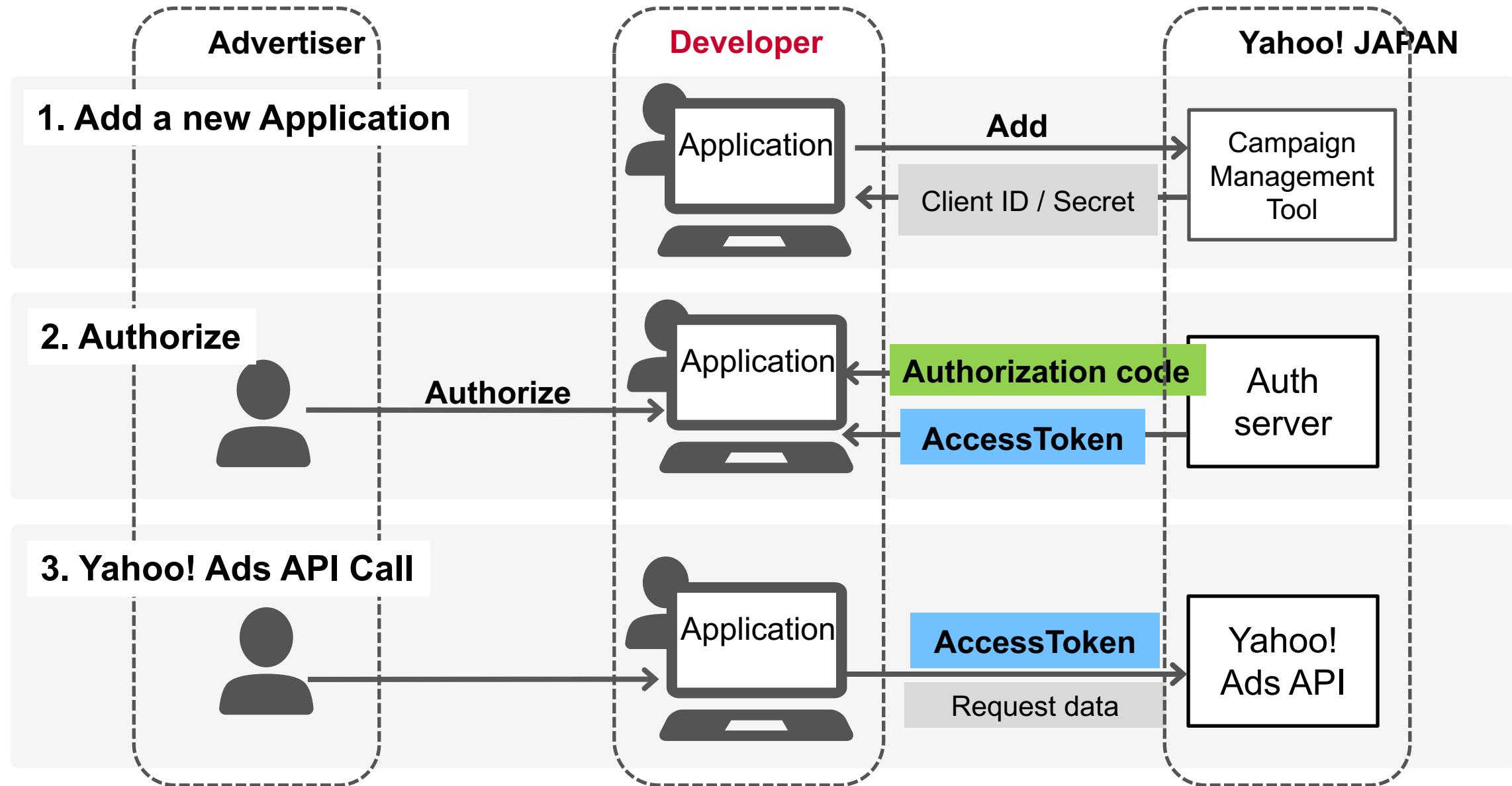
# Yahoo! Ads API Authorize and API Call

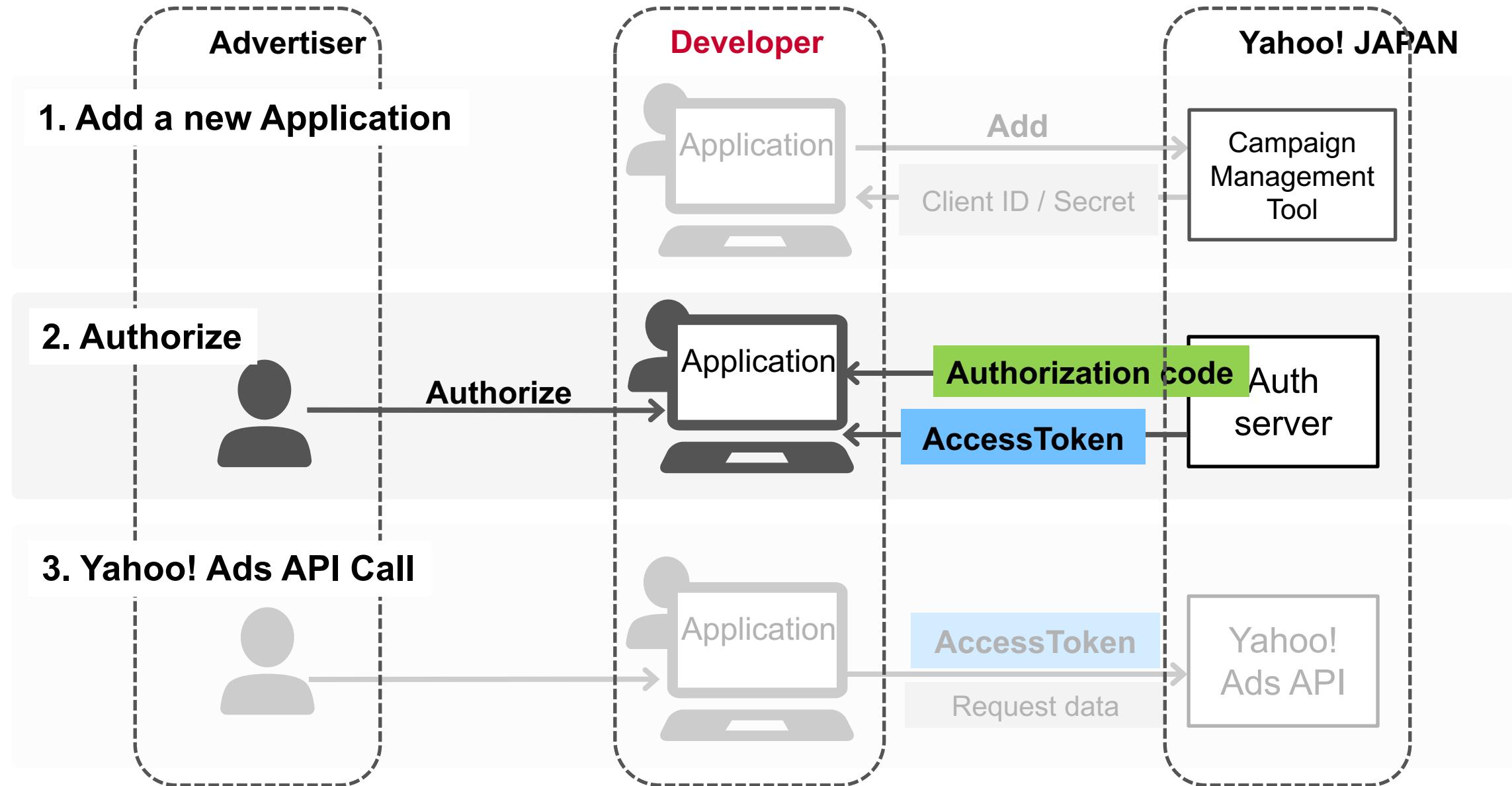






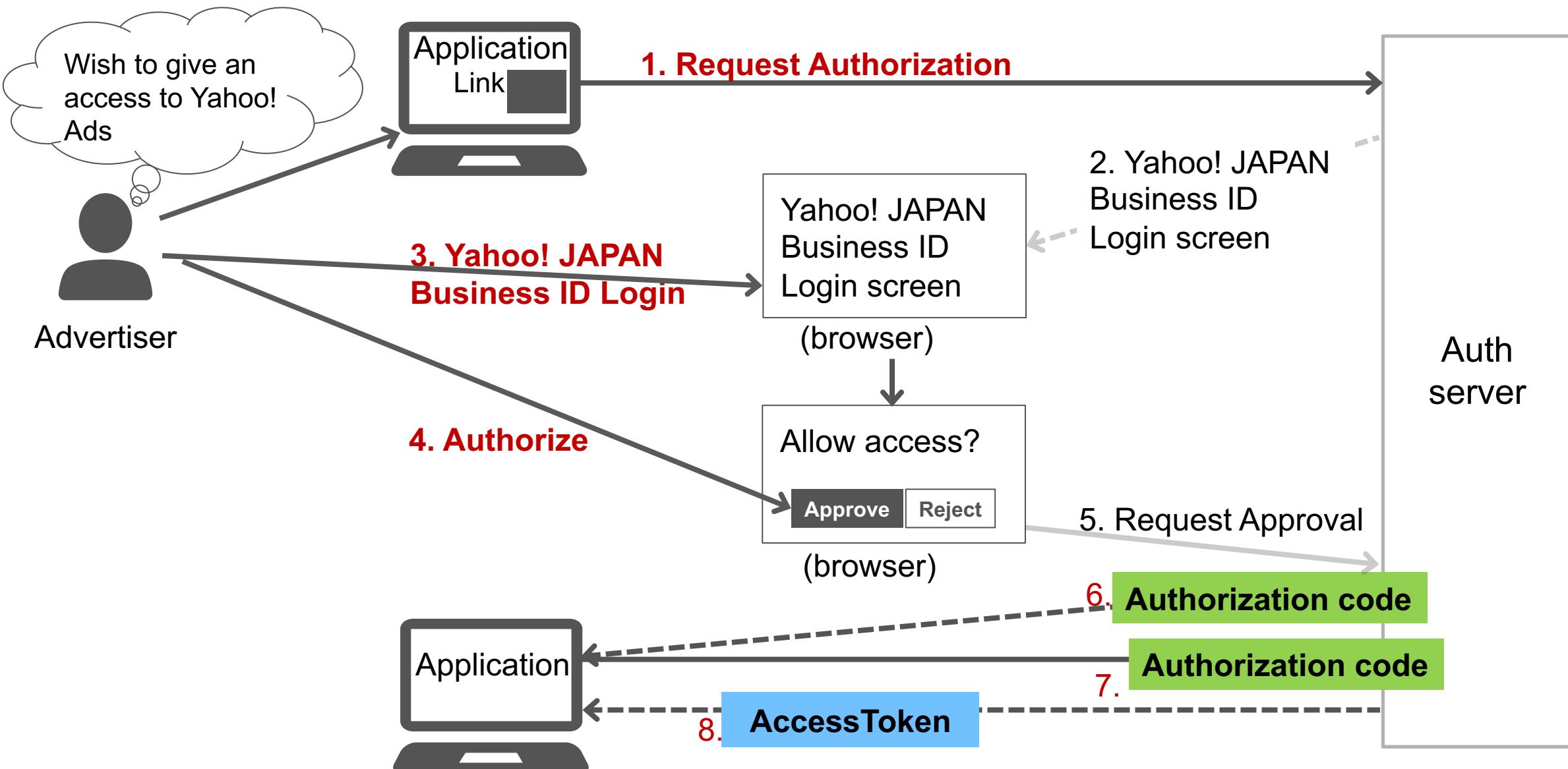


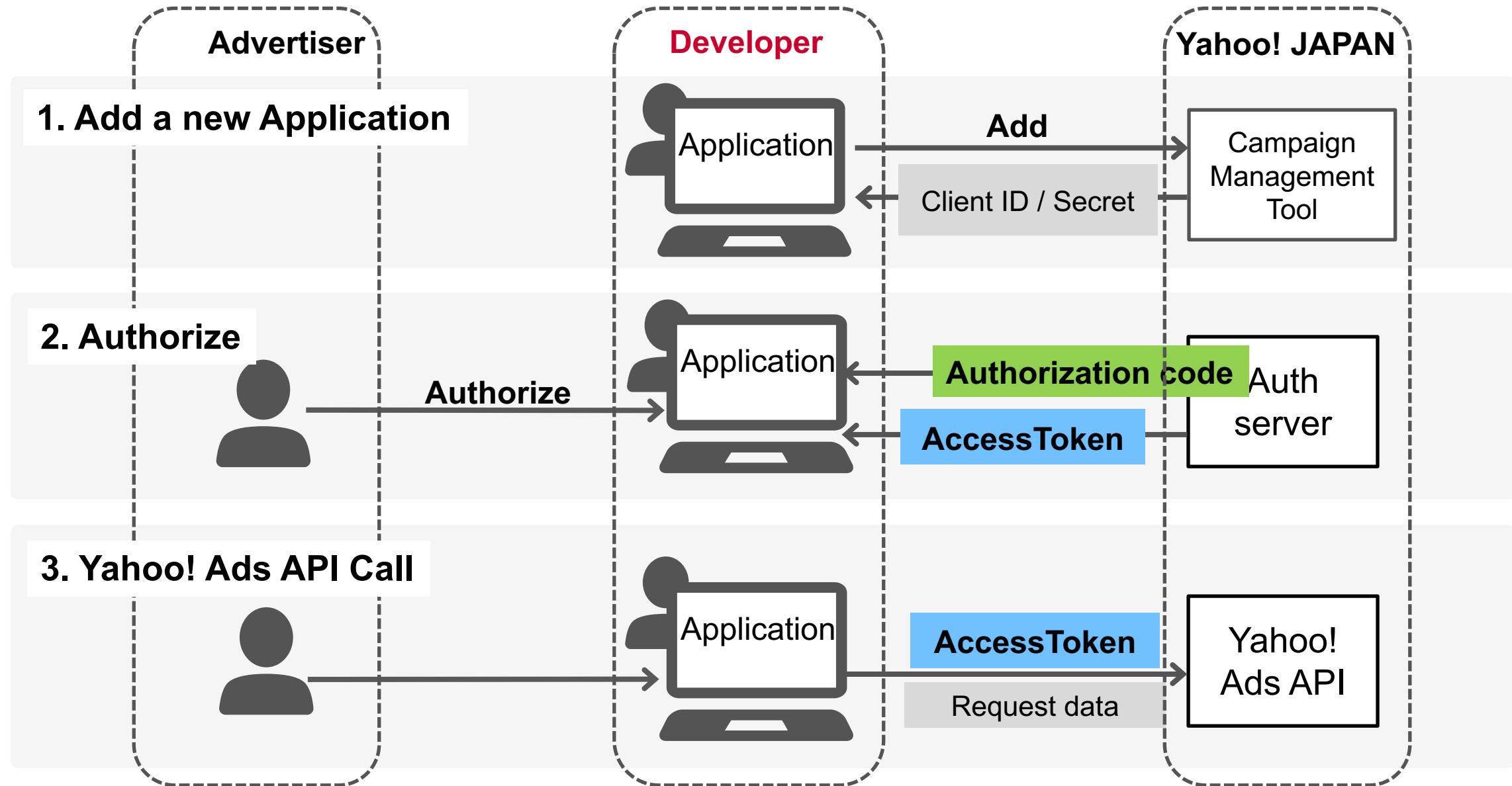




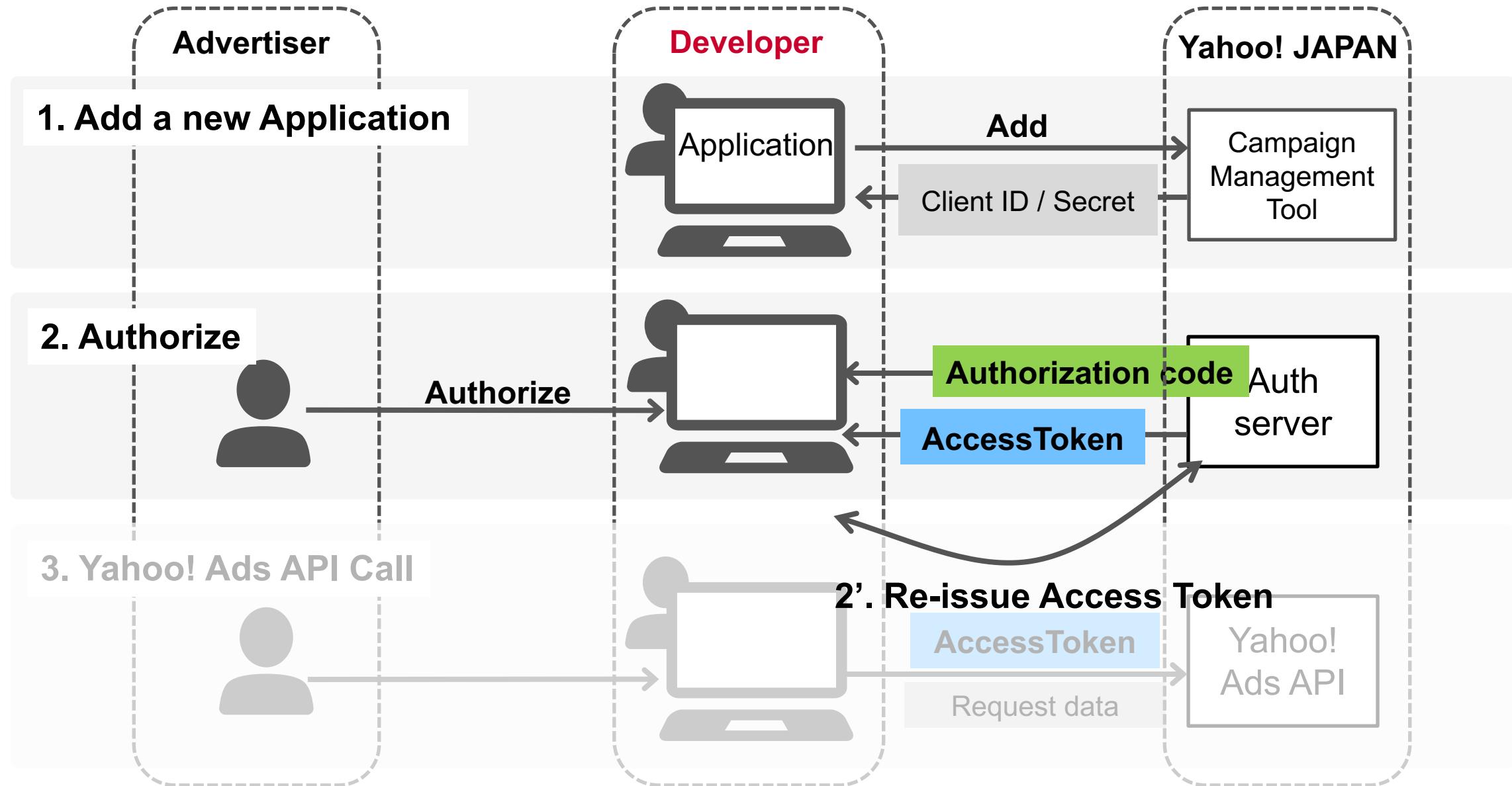
# Issue Access Token (OAuth 2.0 Authorization code flow)

Limited Disclosure





# Authorization Hands-on training



Add a new Application screen:

<https://connect-business.yahoo.co.jp/client/list>

Login with the distributed Yahoo! JAPAN Business ID

The screenshot shows the '登録アプリケーション' (Registration Application) section of the Yahoo! JAPAN Business ID management interface. At the top left is the YAHOO! JAPAN logo with the word '広告' (Advertisement). On the right, it shows 'Yahoo! JAPANビジネスID: test-business-id' with a dropdown arrow. Below the logo, there are two tabs: 'アクセス可能なアプリケーション' (Accessible Applications) and '登録アプリケーション' (Registered Applications), with the latter being the active tab. A red box highlights the blue '登録' (Register) button. Below the buttons is a table with columns: 'アプリケーション名' (Application Name), 'クライアントID' (Client ID), 'アプリケーションの説明' (Application Description), 'リダイレクトURI' (Redirect URI), 'クライアントシークレット' (Client Secret), and '最終更新日時' (Last Update Date). A downward arrow icon is at the end of the last column. A message '登録済みのアプリケーションはありません' (There are no registered applications) is centered below the table. At the bottom, there are links for 'プライバシー' (Privacy), '利用規約' (Terms of Use), '広告取扱基本規定' (Basic Rules for Advertising), 'Yahoo! JAPANビジネスID利用規約' (Business ID Usage Agreement), '免責事項' (Disclaimer), and 'ヘルプ' (Help). The copyright notice 'Copyright (C) 2019 Yahoo Japan Corporation. All Rights Reserved.' is also present.

# [1. Add a new Application]

Limited Disclosure



Yahoo! JAPANビジネスID: test-business-id ✓

① アプリケーション情報の  
入力

② 確認

③ 完了

## アプリケーションを登録

全項目入力必須です。

アプリケーション名

中山アプリ

5/30

ヤフー株式会社

4/300

アプリケーションの説明

この項目の入力内容はアプリケーション利用者にも表示されます。

リダイレクトURI

oob

追加

3/500

認可後に、アプリケーションにリダイレクトするためのURIを入力します。

「追加」ボタンを押して、最大10件まで追加できます。

リダイレクトURIがない場合は、半角英字で「oob」と入力してください。

確認

キャンセル

“Application name” you entered will be open to users (advertisers)

Enter a unique application name and description to identify Redirect URI of the application can be set for the product that is redirected to by authorization code

Enter “oob” on hands-on training

[プライバシー](#) - [利用規約](#) - [広告取扱基本規定](#) - [Yahoo! JAPANビジネスID利用規約](#) - [免責事項](#) - [ヘルプ](#)

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# [1. Add a new Application]

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Disclosure

**YAHOO! 広告** Yahoo! JAPANビジネスID: test-business-id ▾

アクセス可能なアプリケーション 登録アプリケーション

登録アプリケーション

登録

✓ アプリケーションを登録しました。 X

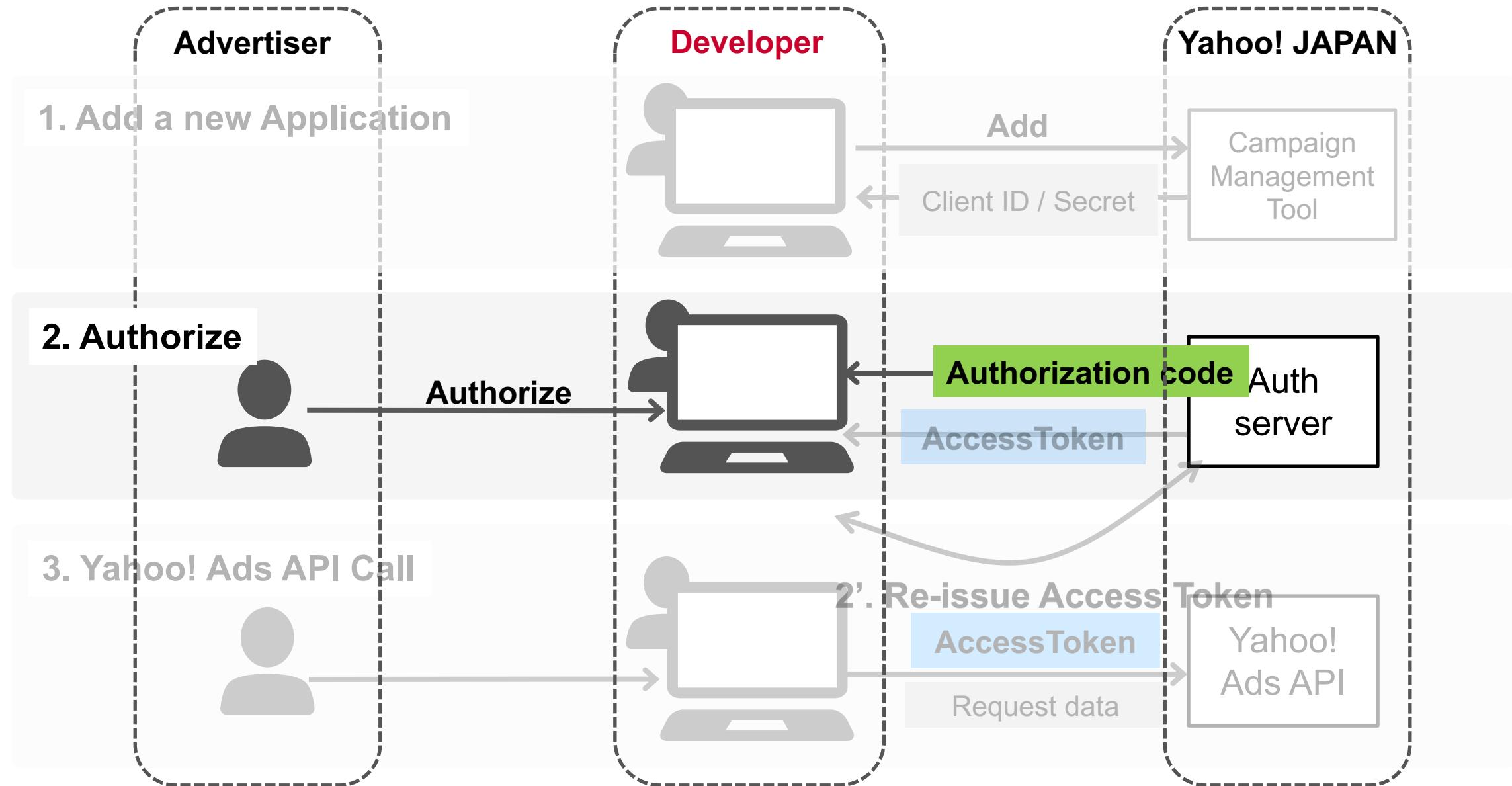
アプリケーション名	クライアントID	アプリケーションの説明	リダイレクトURI	クライアントシークレット	最終更新日時
中山アプリ	feacd3fdf7f6de51eb8c6ef85c9ca29 ad57c7b09f3bd9ae6636ff63fa4804 bec	ヤフー株式会社 <a href="#">コピー</a>	oob	<a href="#">表示</a> <small>ⓘ</small>	2020/01/01 00:00

[プライバシー](#) - [利用規約](#) - [広告取扱基本規定](#) - [Yahoo! JAPANビジネスID利用規約](#) - [免責事項](#) - [ヘルプ](#)  
Copyright (C) 2019 Yahoo Japan Corporation. All Rights Reserved.

Please do not delete applications  
added by someone else during hands-on.

## [2. Authorize]

Limited Disclosure



### Auth Request URL:

```
https://biz-oauth.yahoo.co.jp/oauth/v1/authorize  
?response_type=code  
&client_id=YOUR_CLIENT_ID  
&redirect_uri=oob  
&scope=yahooads
```

Enter your registered **Client ID**

Access via browser



中山アプリからYahoo!広告に対して以下のアクセスを許可しますか？

許可するYahoo! JAPANビジネスID test-business-id

許可する権限 Yahoo!広告

| Yahoo!広告を運用する権限です。

承認

拒否

中山アプリからのアクセスを承認しました。

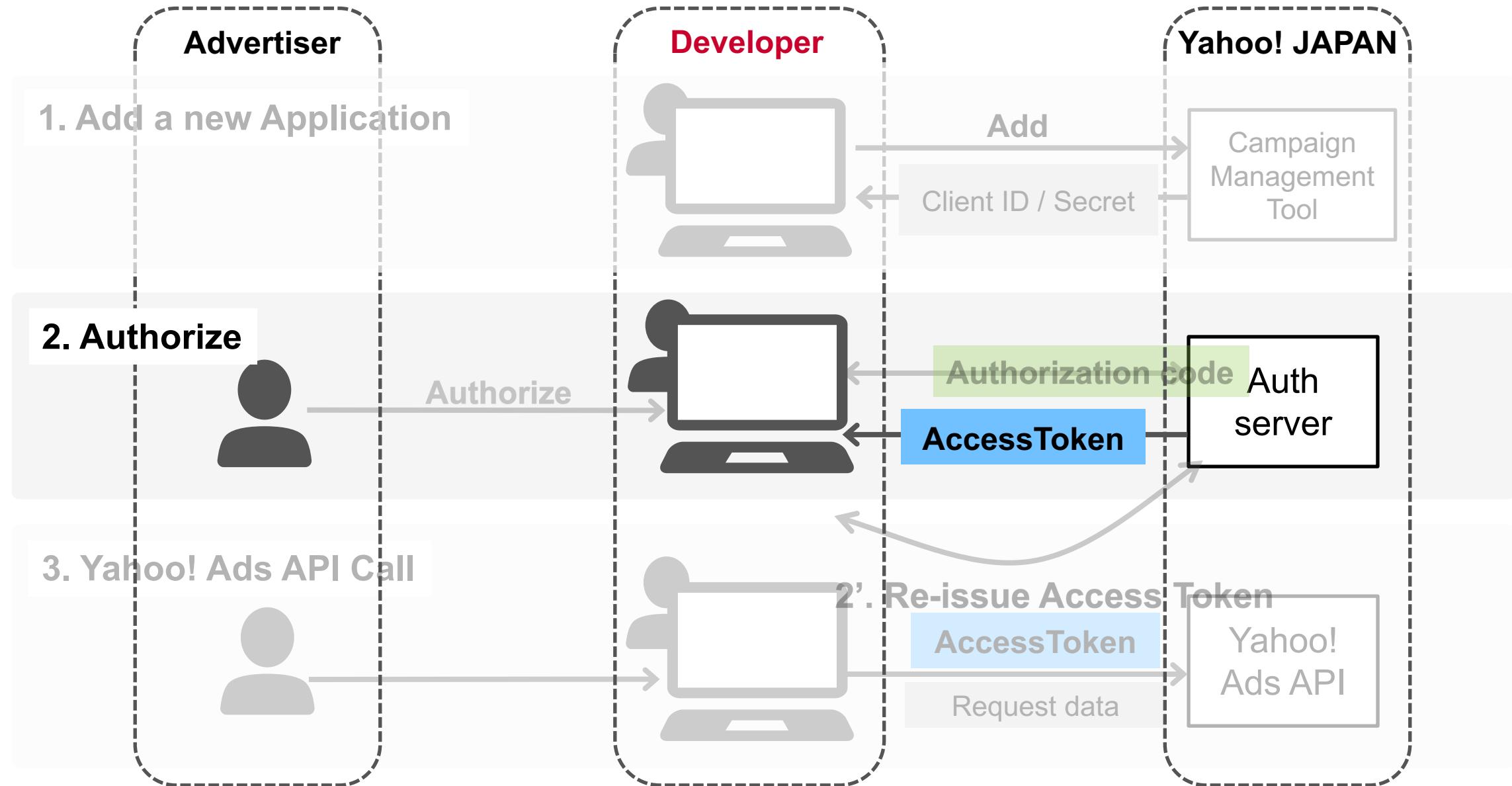
認可コード 7ea4734f624b69b5

コピー

Please write down  
the issued  
**Authorization code**  
to use on the next step

## [2. Authorize]

Limited Disclosure



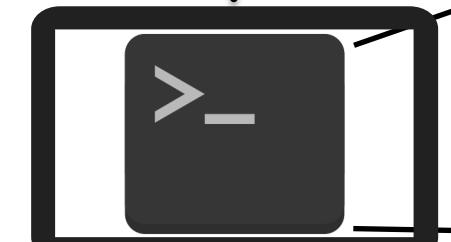
### Issuing Token Request URL:

```
https://biz-oauth.yahoo.co.jp/oauth/v1/token  
?grant_type=authorization_code  
&client_id=YOUR_CLIENT_ID  
&client_secret=YOUR_CLIENT_SECRET  
&redirect_uri=oob  
&code=AUTH_CODE
```

Enter **Client ID / Client Secret**  
that you registered

Enter the **Authorization code**  
got on the last step

Access via curl (or via browser)

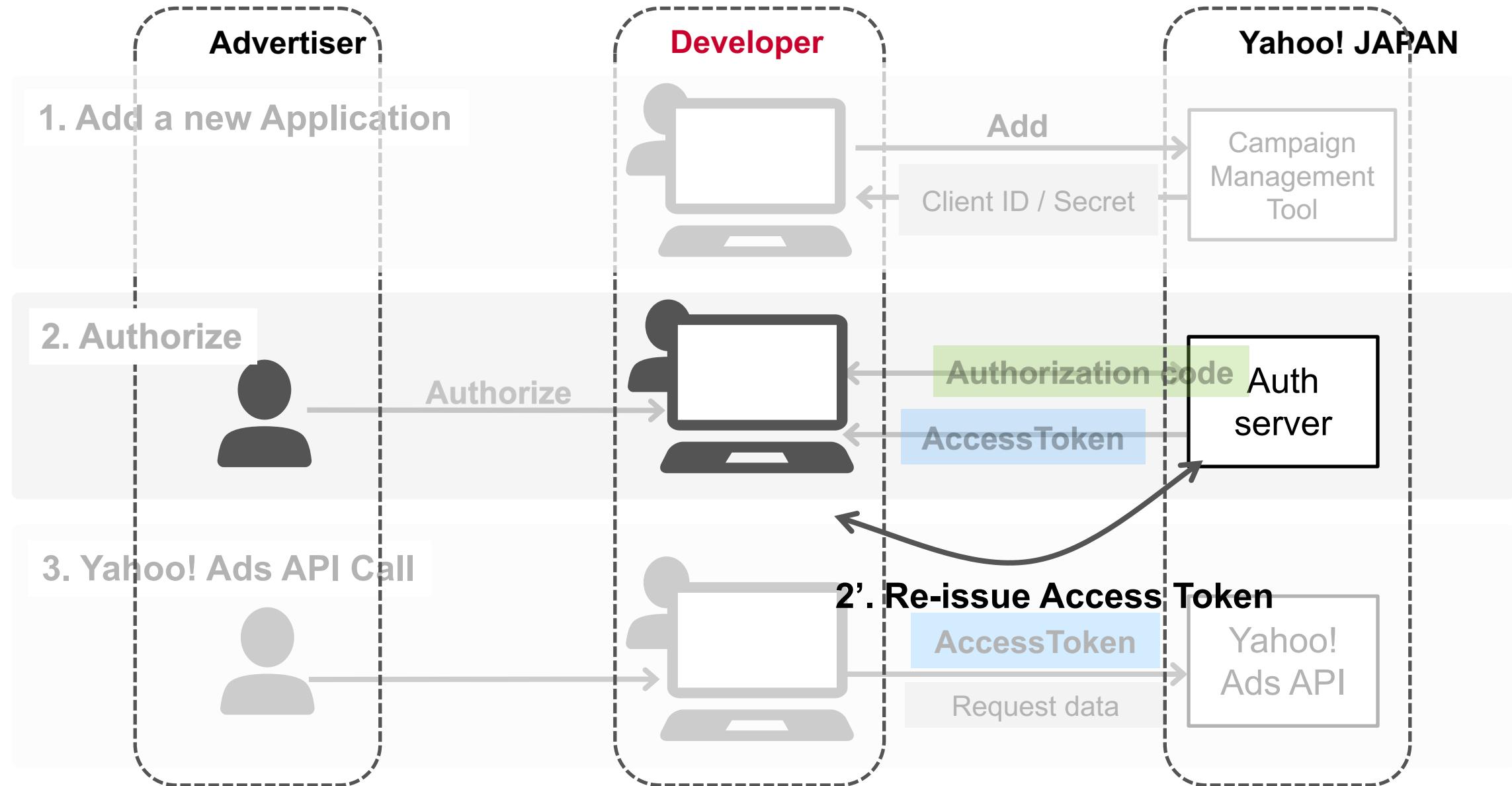


```
{  
  "access_token": "xxxx",  
  "expires_in": 3600,  
  "refresh_token": "yyyy",  
  "token_type": "Bearer"  
}
```

Please write down each token  
to use on today's workshop

## [2. Re-issue Access Token]

Limited Disclosure



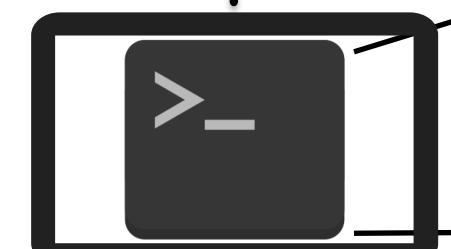
## Re-issuing Access Token Request URL:

```
https://biz-oauth.yahoo.co.jp/oauth/v1/token  
?grant_type=refresh_token  
&client_id=YOUR_CLIENT_ID  
&client_secret=YOUR_CLIENT_SECRET  
&refresh_token=REFRESH_TOKEN
```

Enter Client ID / Client Secret  
that you registered

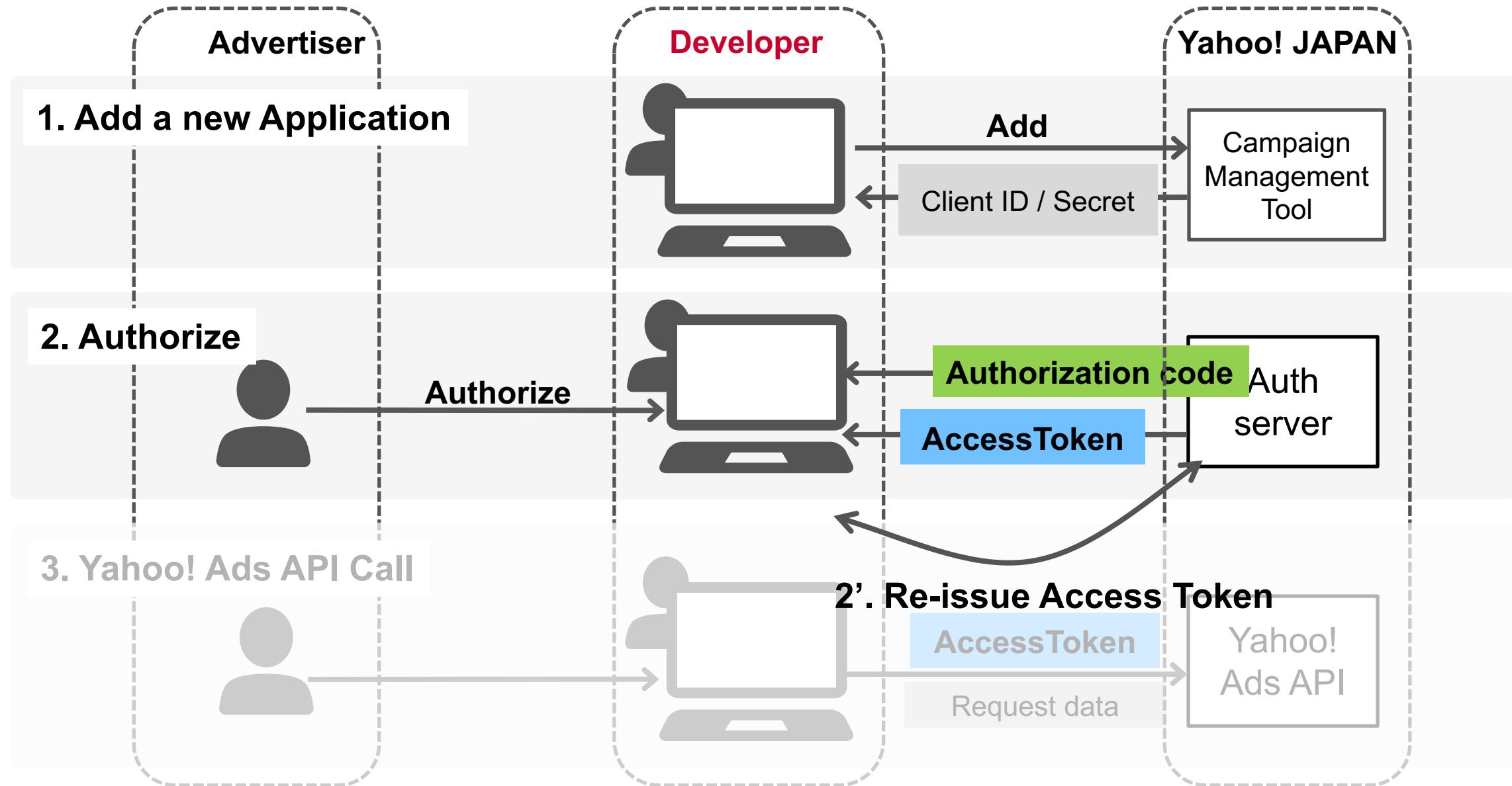
Enter Refresh Token

Access via curl (or via browser)



```
{  
  "access_token": "xxxx",  
  "expires_in": 3600,  
  "token_type": "Bearer"  
}
```

Access Token is re-issued.  
**The Access Token issued previously can be still used.**



# API Call trial Hands-on training on API Reference

YAHOO! Ads  
JAPAN

DeveloperCenter Yahoo! JAPAN

API Reference  $\beta$  version

日本語

[Search Ads API Reference v0](#)    [Display Ads API Reference v0](#)

[AccountAdProductService](#)

[AccountService](#)

[AdGroupAdLabelService](#)

[AdGroupAdService](#)

[AdGrou](#)

[AdGr](#)

[AdGr](#)

[Balan](#)

[Cami](#)

[Cami](#)

[Conv](#)

[Diction](#)

[Feed](#)

[Feed](#)

[Feed](#)

[Feed](#)

[Feed](#)

[Feed](#)

[Label](#)

[MediaS](#)

[PlacementUrliadadservice](#)

[PlacementUrlListService](#)

[ReportDefinitionService](#)

## Yahoo! Ads Display Ads API Reference $\beta$ Version

[/design/v0/Route.yaml](#)

### Yahoo! Ads API Reference

- **API Specifications**
- **API Call trial (Browsing endpoint only)**

### Display Ads:

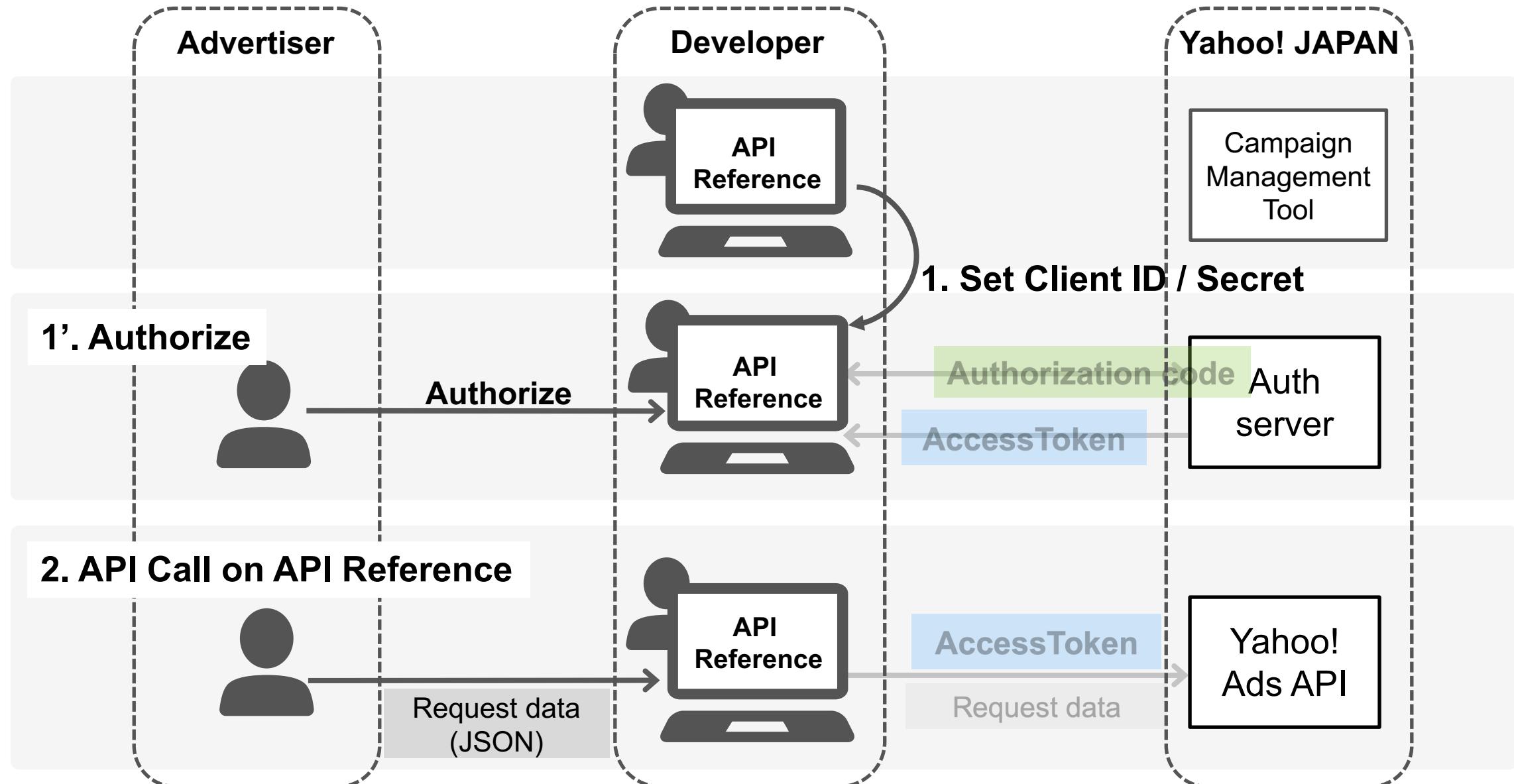
<https://ads-developers.yahoo.co.jp/reference/ads-display-api/>

### Search Ads:

<http://ads-developers.yahoo.co.jp/reference/ads-search-api/>

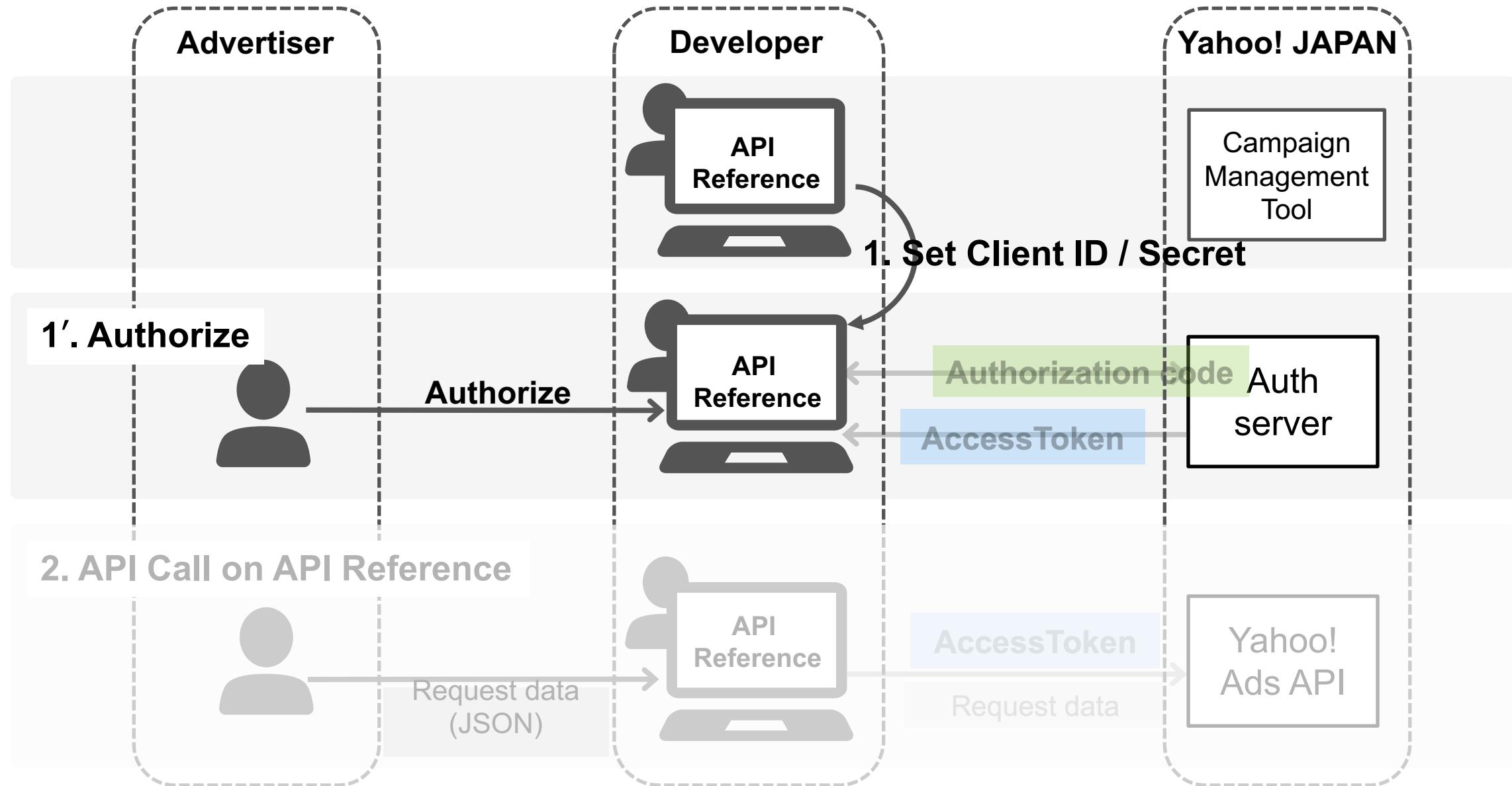
[AdGroupAdLabelService](#)

[campaign](#)



# [1'. Set Client ID and Client secret] [1'. Authorize]

Limited Disclosure



# [1. Set Client ID / Client Secret]

Limited Disclosure

Yahoo! Ads Display Ads API Reference:  
<https://ads-developers.yahoo.co.jp/reference/ads-display-api/>

DeveloperCenter Yahoo! JAPAN

API Reference β version

日本語

Search Ads API Reference v0

Display Ads API Reference v0

> AccountAdProductService  
> AccountService  
> AdGroupAdLabelService  
> AdGroupAdService  
> AdGroupLabelService  
> AdGroupService  
> AdGroupTargetService  
> BalanceService  
> CampaignLabelService  
> CampaignService  
> ConversionTrackerService  
> DictionaryService  
> FeedDataService  
> FeedFtpRequestService  
> FeedFtpService  
> FeedItemService  
> FeedService  
> FeedSetService  
> LabelService  
> MediaService  
> PlacementUrlIdeaService  
> PlacementUrlListService  
> ReportDefinitionService

## Yahoo! Ads Display Ads API Reference β Version

./design/v0/Route.yaml

Display Ads API Web Services supported in  
When you use "Try it out", you need to re  
As one of redirect URI for application, yo

Servers

<https://ads-display.yahooapis.jp/api/v0>

### AccountAdProductService

account

AccountAdProductService provides the list of ad display methods.

### AccountService

account

AccountService offers account operation.

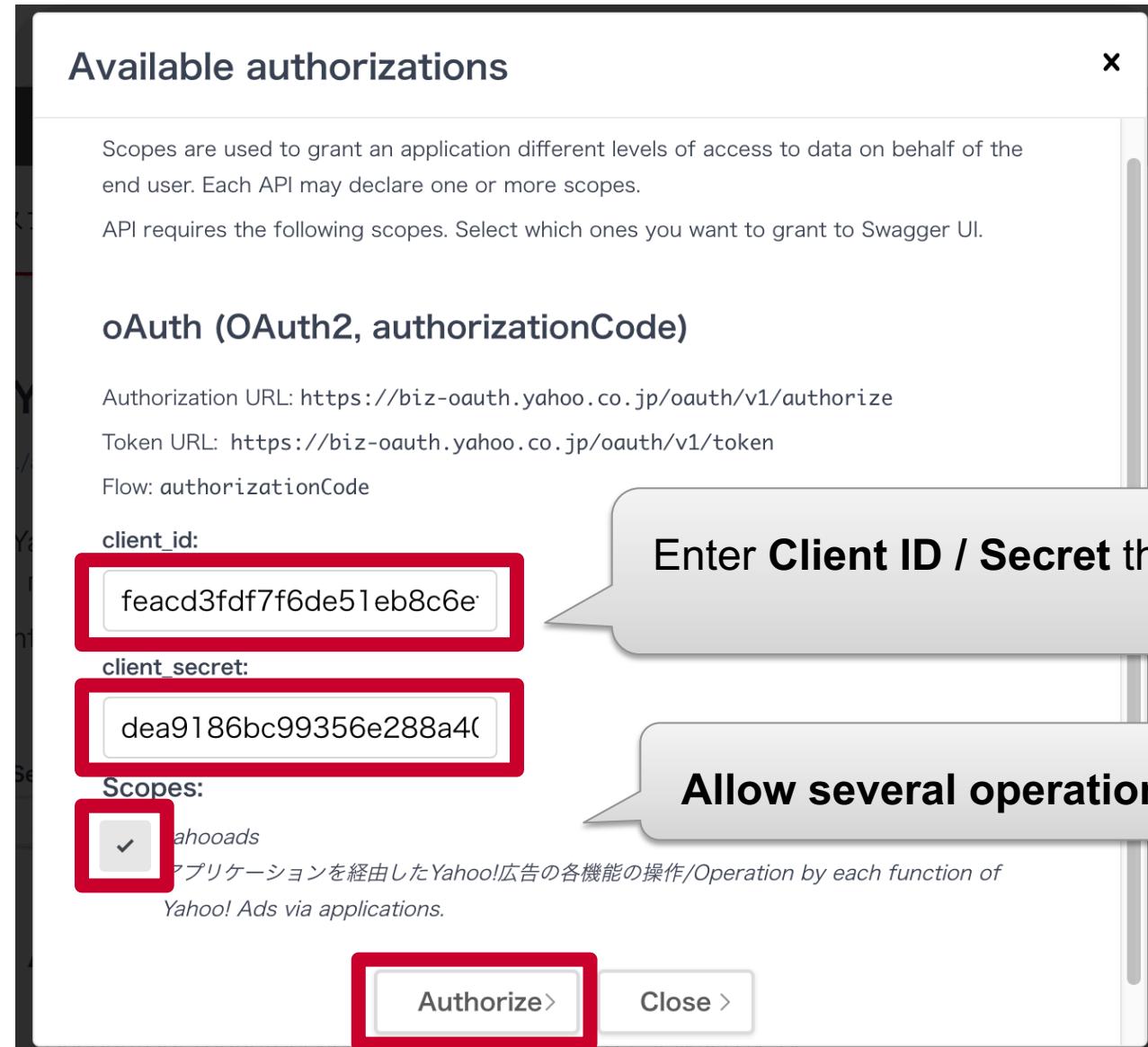
### AdGroupAdLabelService

campaign

Authorize API Reference by  
“Authorize” button

It's required every access to  
API Reference page

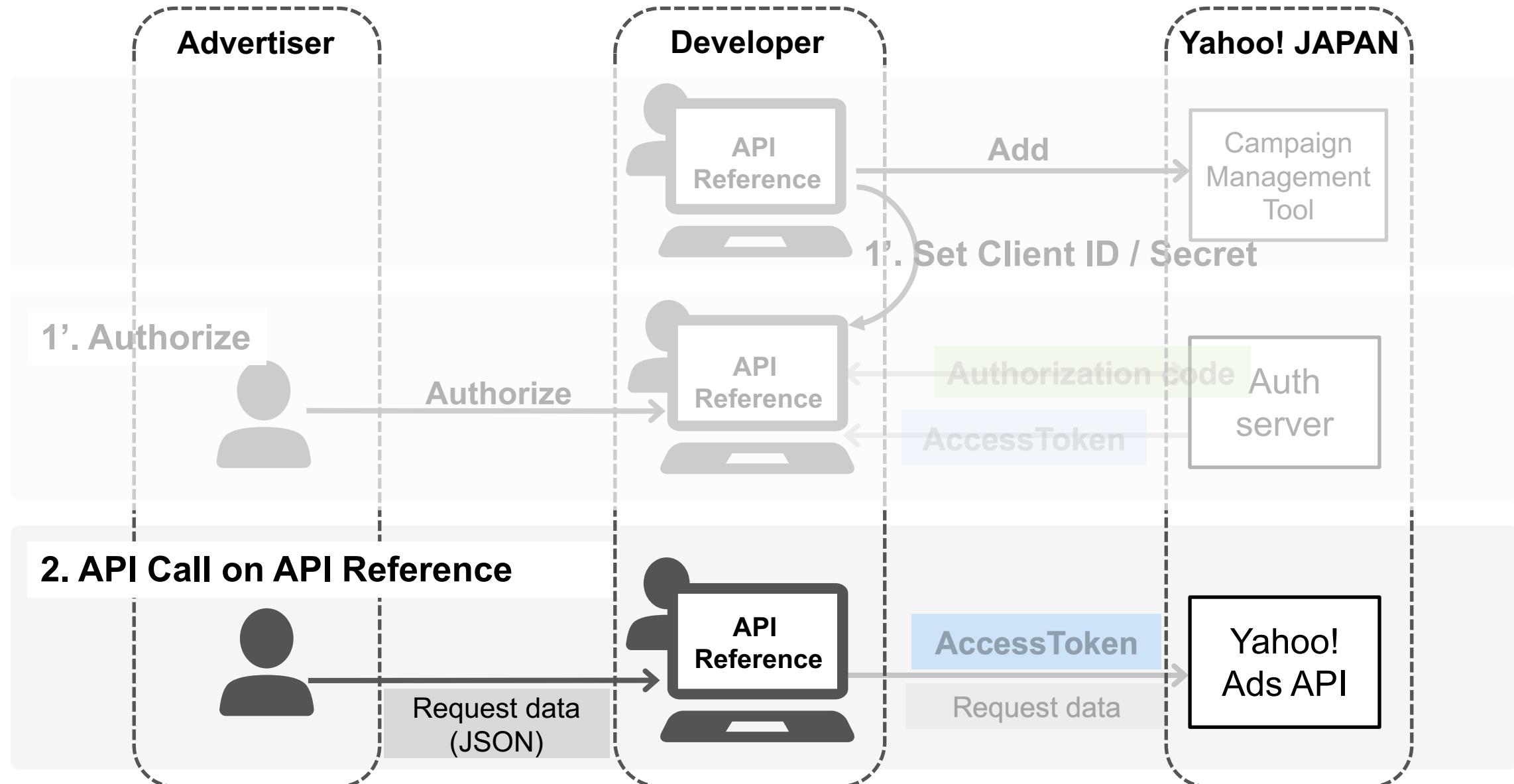
Authorize 





## [2. API Call on API Reference]

Limited Disclosure



## [2. API Call on API Reference (/AccountService/get)]

Search Ads API Reference v0      Display Ads API Reference v0  
AccountAdProductService provides the list of ad display methods.

> AccountAdProductService

> AccountService

get

set

> AdGroupAdLabelService

> AdGroupAdService

> AdGroupLabelService

> AdGroupService

> AdGroupTargetService

> BalanceService

> CampaignLabelService

> CampaignService

> ConversionTrackerService

> DictionaryService

> FeedDataService

> FeedFtpRequestService

> FeedFtpService

> FeedItemService

> FeedService

### AccountService

account

AccountService offers account operation.

POST /AccountService/get

Acquires account information.

Parameters

Try it out

Open **/AccountService/get** of API Reference

Request body

application/json

Example Value | Schema

description: The AccountServiceSelector object is used to select accounts for acquisition.

## [2. API Call on API Reference (/AccountService/get)]

Search Ads API Reference v0

AccountAdProductService provides the list of ad display methods.

- > AccountAdProductService
- > AccountService
  - get
  - set
- > AdGroupAdLabelService
- > AdGroupAdService
- > AdGroupLabelService
- > AdGroupService
- > AdGroupTargetService
- > BalanceService
- > CampaignLabelService
- > CampaignService
- > ConversionTrackerService
- > DictionaryService
- > FeedDataService
- > FeedFtpRequestService
- > FeedFtpService
- > FeedItemService
- > FeedService

### AccountService

account

AccountService offers account operation.

POST

/AccountService/get



Acquires account information.



#### Parameters

No parameters

API Call by  
“Try it out” button  
on each service

Try it out

Request body

application/json

Example Value | Schema



#### description:

The AccountServiceSelector object is used to select accounts for acquisition.

## [2. API Call on API Reference (/AccountService/get)]

Search Ads API Reference v0      Display Ads API Reference v0

/AccountService/get

POST    /AccountService/get

Acquires account information.

Parameters

No parameters

Request body

application/json

Edit Value | Schema

```
{  
    "accountIds": [  
        0  
    ],  
    "accountStatuses": [  
        "INPROGRESS"  
    ],  
    "accountTypes": [  
        "PREPAY"  
    ],  
    "authType": "REFERABLE",  
    "includeTestAccount": "EXCLUDE_TEST_ACCOUNTS",  
    "numberResults": 0,  
    "startIndex": 0  
}
```

Create JSON data to be requested with **“Edit” button**

**Edit >**

## [2. API Call on API Reference (/AccountService/get)]

Search Ads API Reference v0      Display Ads API Reference v0  
Acquires account information

> AccountAdProductService  
> AccountService  
  get  
  set  
> AdGroupAdLabelService  
> AdGroupAdService  
> AdGroupLabelService  
> AdGroupService  
> AdGroupTargetService  
> BalanceService  
> CampaignLabelService  
> CampaignService  
> ConversionTrackerService  
> DictionaryService  
> FeedDataService  
> FeedFtpRequestService  
> FeedFtpService  
> FeedItemService  
> FeedService  
> FeedSetService  
> LabelService  
> MediaService  
> PlacementUrlIdeaService  
> PlacementUrlListService  
> ReportDefinitionService  
> RetargetingListService  
> RetargetingTagService

**Parameters**

No parameters

Request body

**Edit Value | Schema**

```
{ "includeTestAccount": "ALL" }
```

Cancel >    Reset >

Execute

Responses

## [2. API Call on API Reference (/AccountService/get)]

Search Ads API Reference v0    Display Ads API Reference v0

> AccountAdProductService    200    Response body

> AccountService

**"authType": "UPDATABLE"**

○ Role of ad account  
× Role of access token

> CampaignService  
> ConversionTrackerService  
> DictionaryService  
> FeedDataService  
> FeedFtpRequestService  
> FeedFtpService  
> FeedItemService  
> FeedService  
> FeedSetService  
> LabelService  
> MediaService  
> PlacementUrlIdeaService  
> PlacementUrlListService  
> ReportDefinitionService  
> RetargetingListService  
> RetargetingTagService

Response body

```
{"account": {  
    "accountAuthorities": null,  
    "accountId": 10000000,  
    "accountName": "TestAcccount",  
    "accountStatus": "SERVING",  
    "accountType": "PREPAY",  
    "authType": "UPDATABLE",  
    "autoTaggingEnabled": "TRUE",  
    "budget": null,  
    "deliveryStatus": "PAUSED",  
    "isTestAccount": "FALSE"  
},  
    "errors": null,  
    "operationSucceeded": true  
}
```

Download

Response headers

```
cache-control: no-cache, no-store, max-age=0, must-revalidate, private  
content-length: 355  
content-type: application/json;charset=utf-8  
expires: 0  
pragma: no-cache
```

Responses

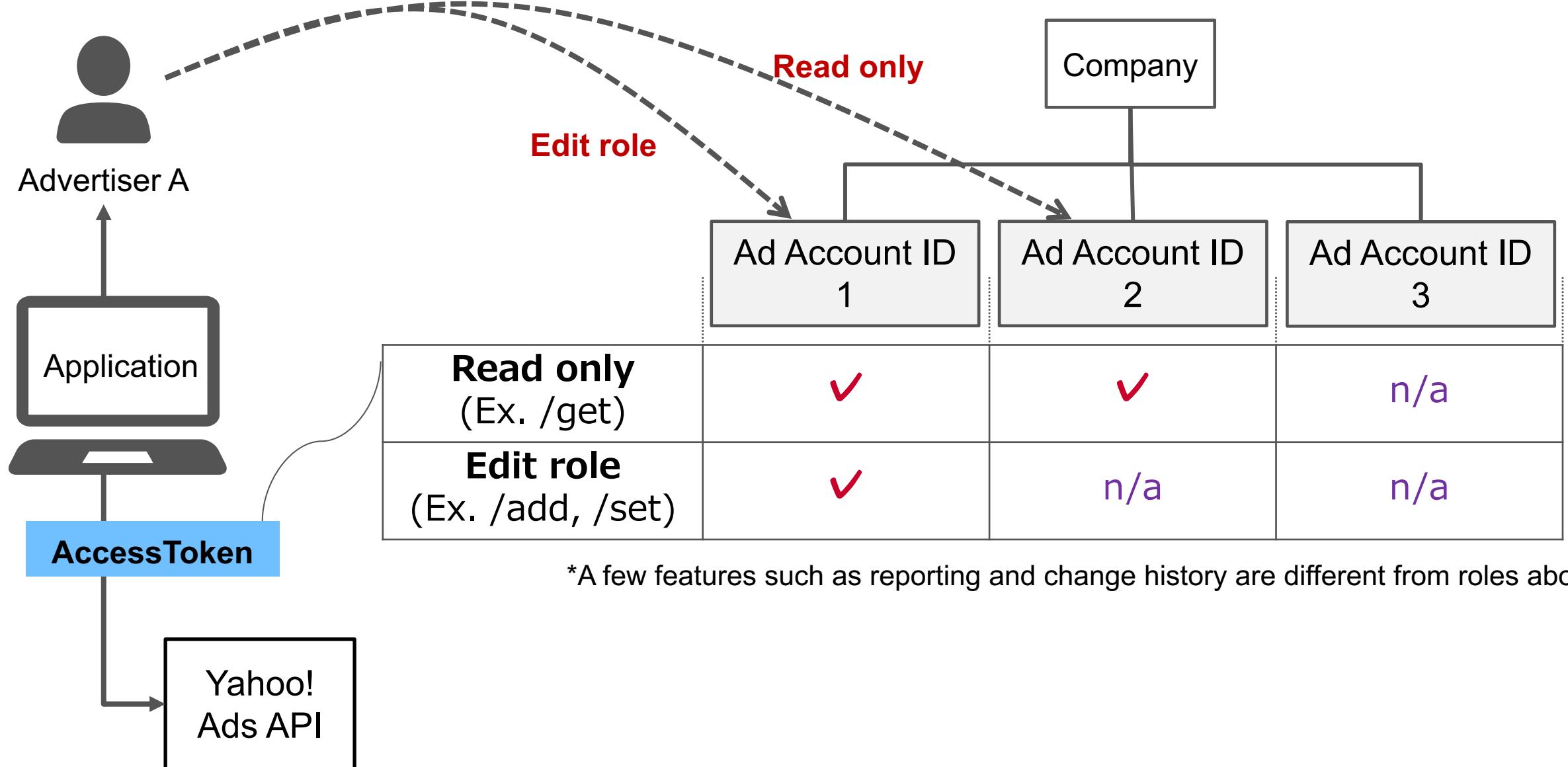
Code	Description
200	▶ Error Codes

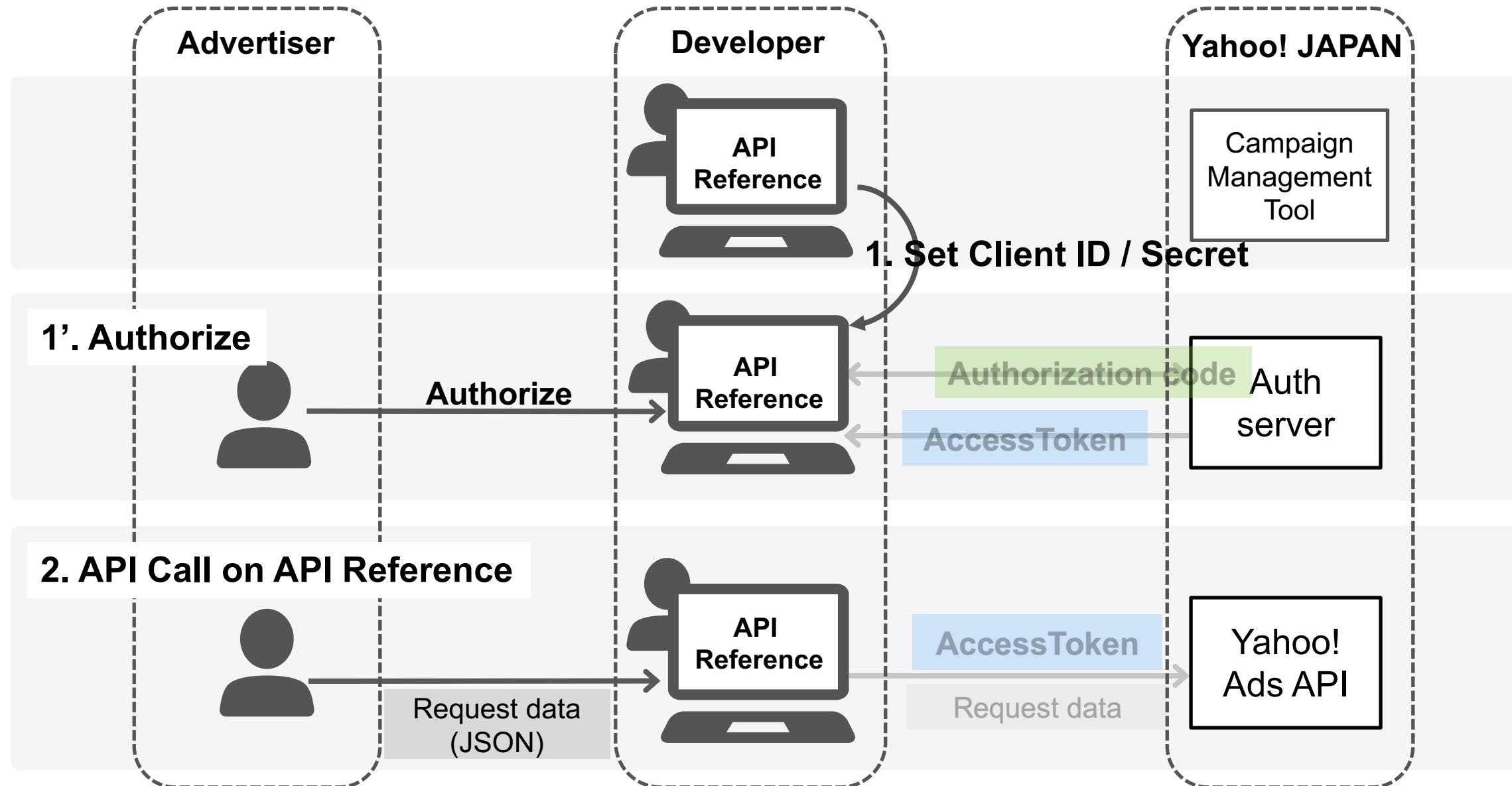
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**JSON response can be checked on API Reference**

# Access Token v.s. Advertising Account ID roles

Limited Disclosure





- The flow until Yahoo! Ads API Call
  - **Add a new Application > Authorize > Yahoo! Ads API Call**
  - **API Testing with read-only role is available on API Reference**
- Specification of each parameter

	<b>Valid time</b>	<b>Notes</b>
Client ID / Secret	indefinitely	Client Secret can be re-issued
Authorization code	<b>10min</b>	Authorization code cannot be used twice
Access Token	<b>1hour</b>	–
Refresh Token	indefinitely	If the code is lost or leaked, ask authorization again

- **Startup Guide**

<https://ads-developers.yahoo.co.jp/developercenter/en/startup-guide/>