

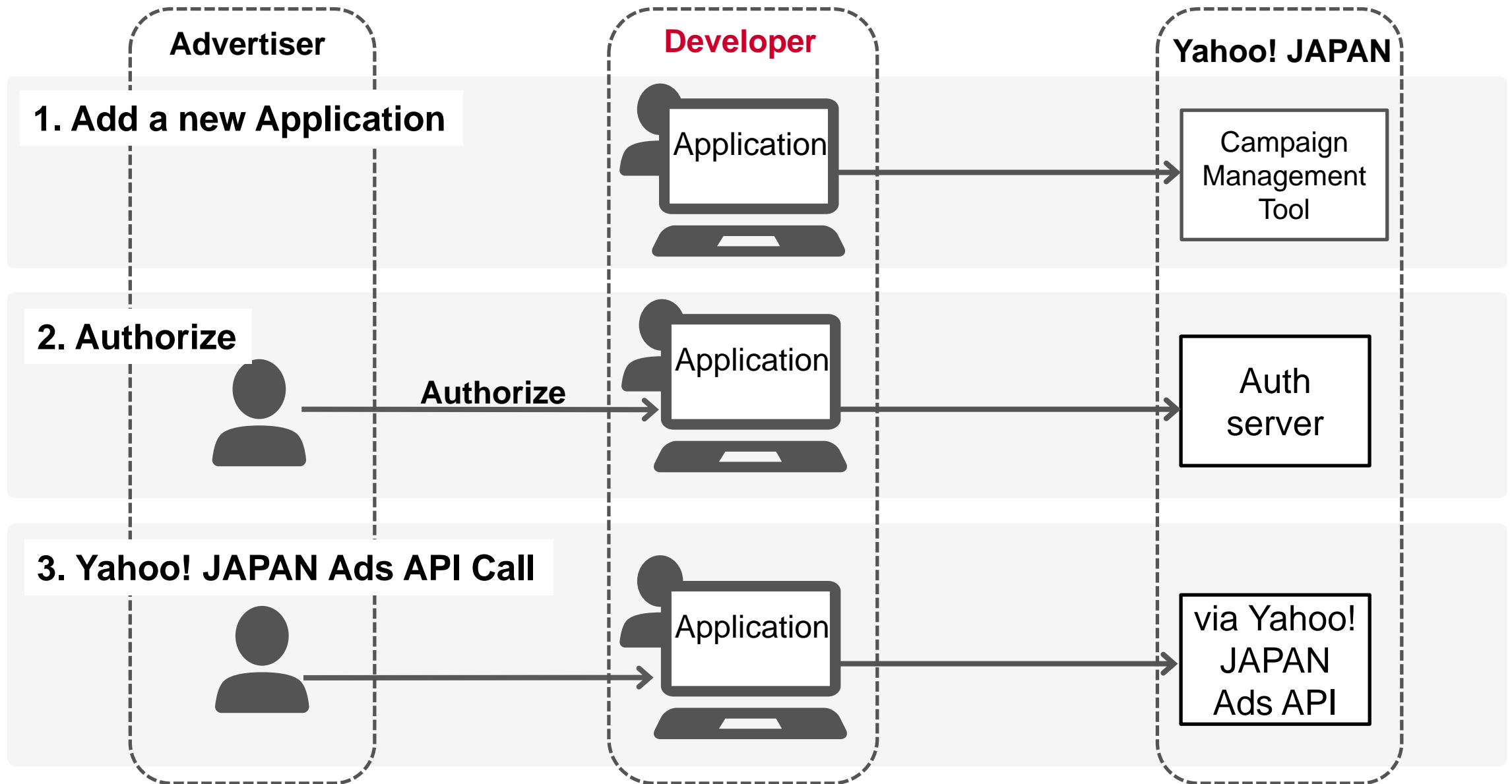
Authorization Hands-on training

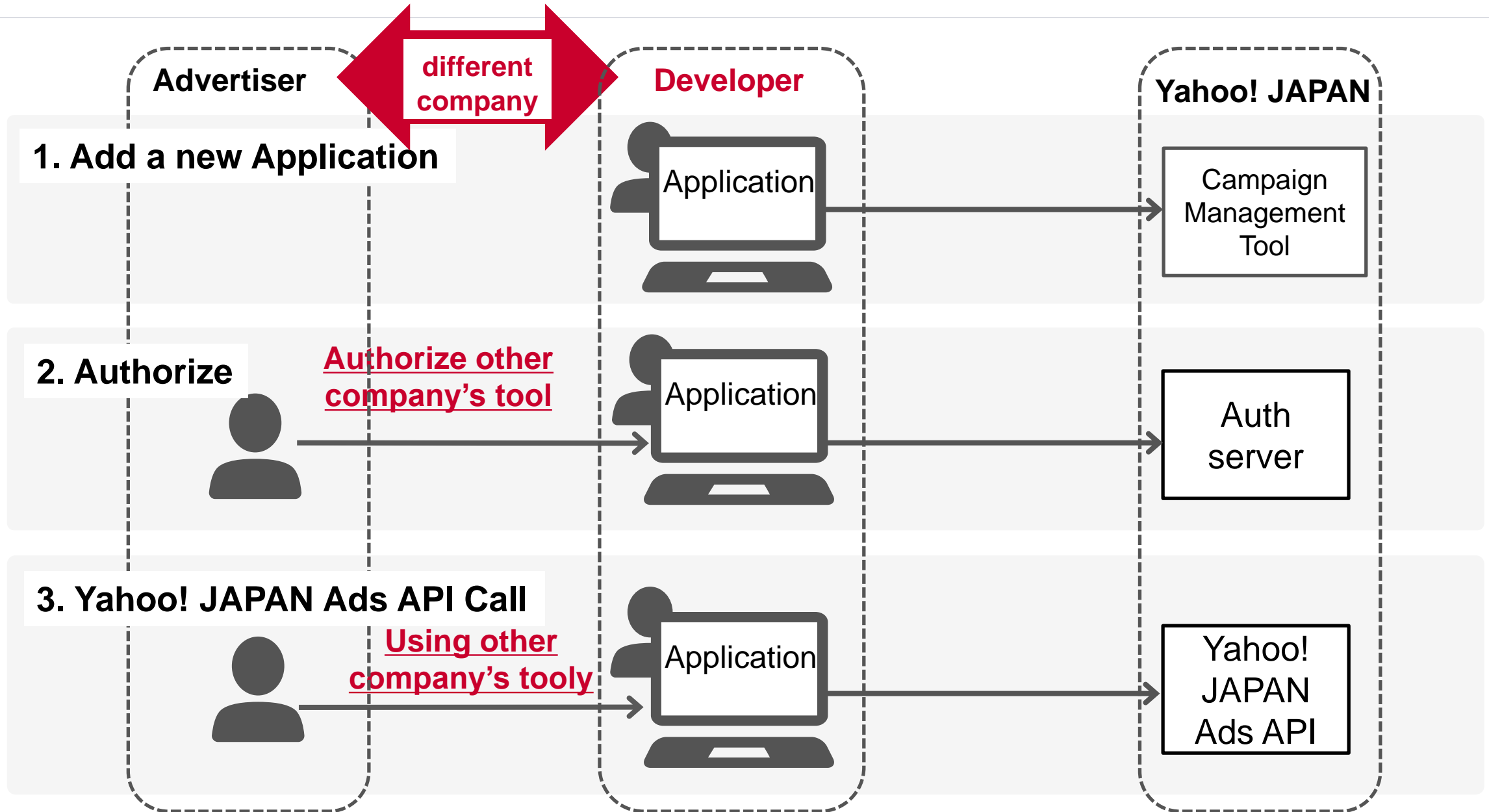
- Yahoo! JAPAN Ads API Authorize and API Call (10mins)
- Authorization Hands-on (25mins)
- API Call trial Hands-on training on API Reference (20mins)
- Summary
- FAQ (10mins)

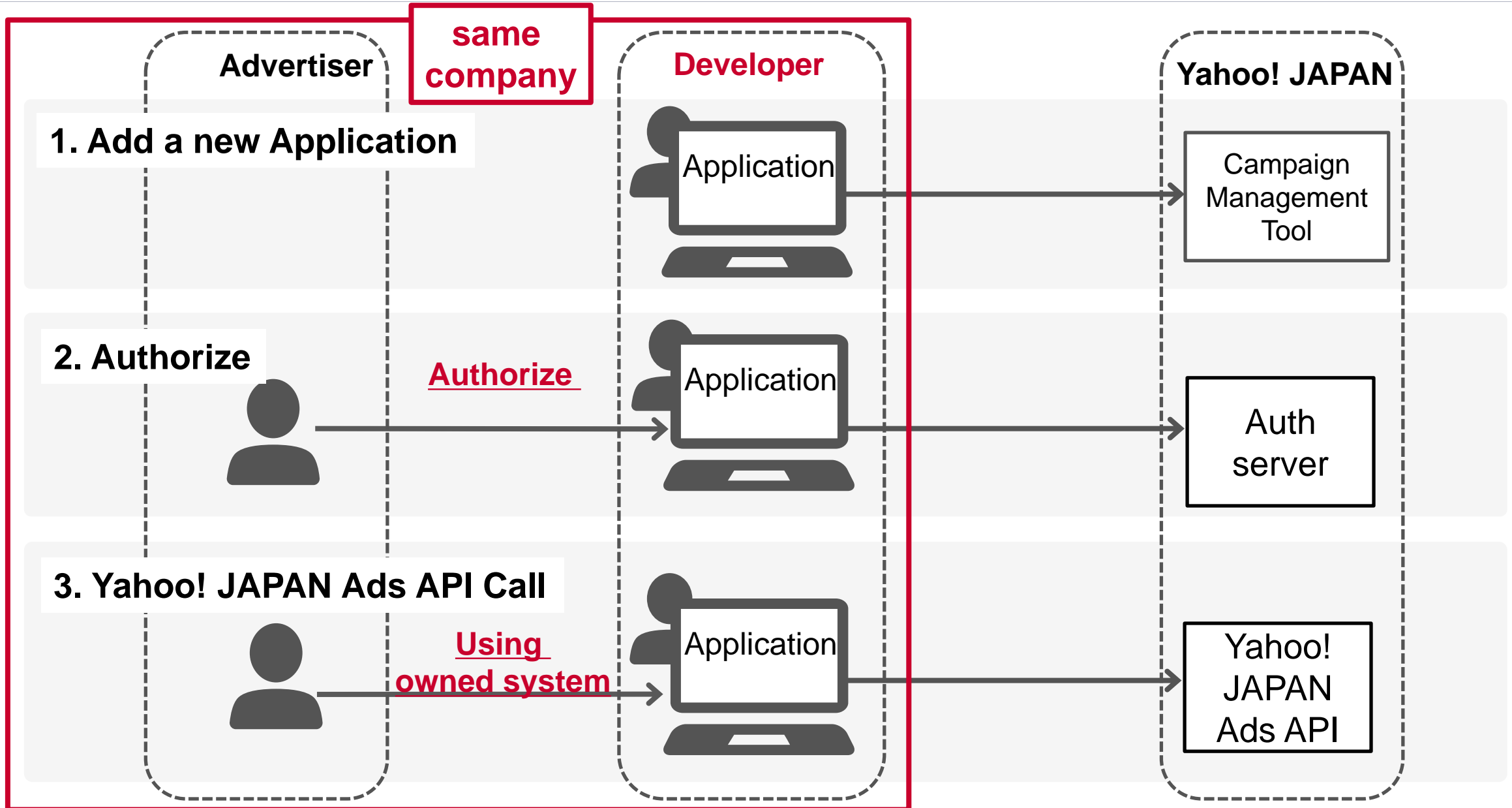
Yahoo! JAPAN Ads API Authorize and API Call

Yahoo! JAPAN Ads API Authorize (OAuth 2.0) and API Call

Limited
Disclosure

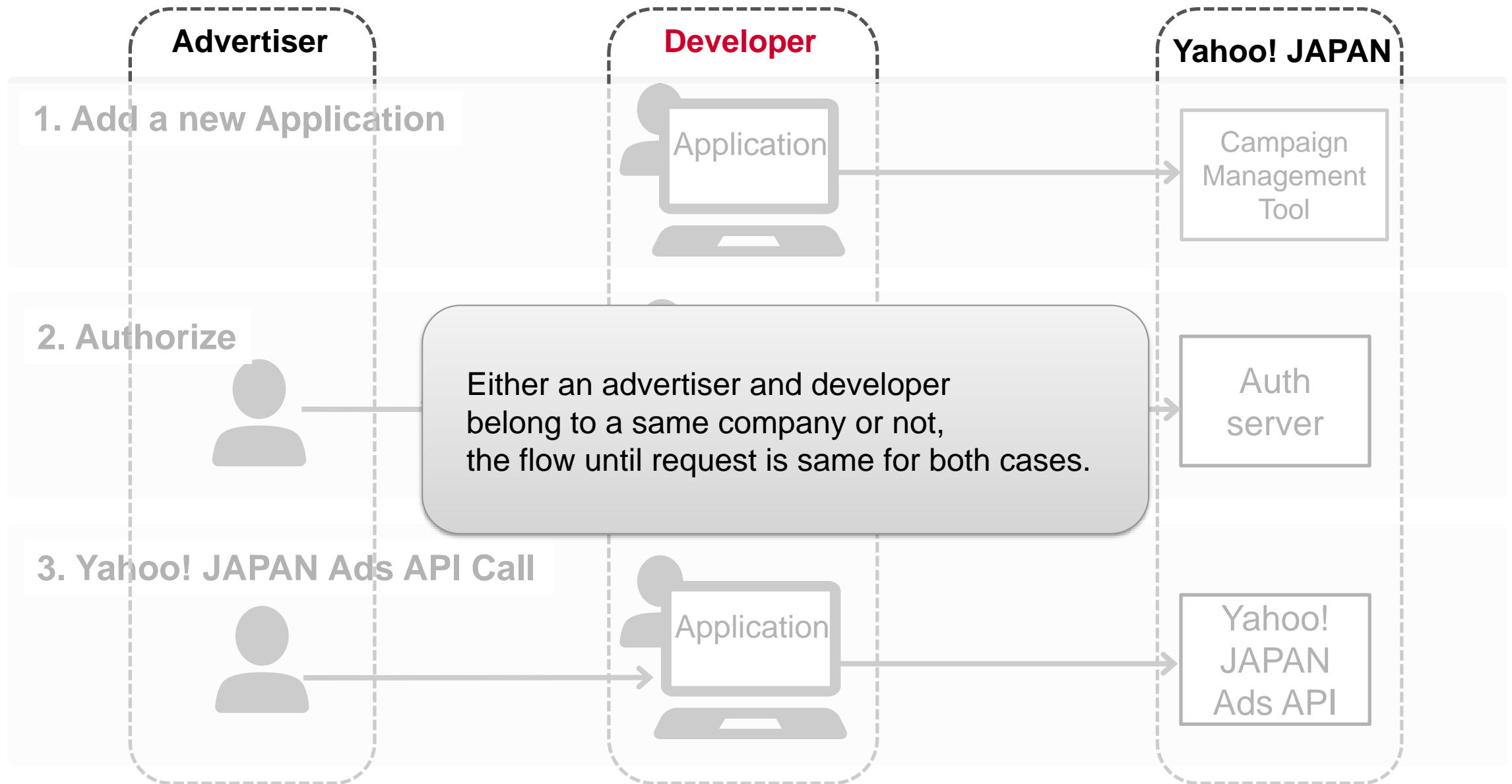






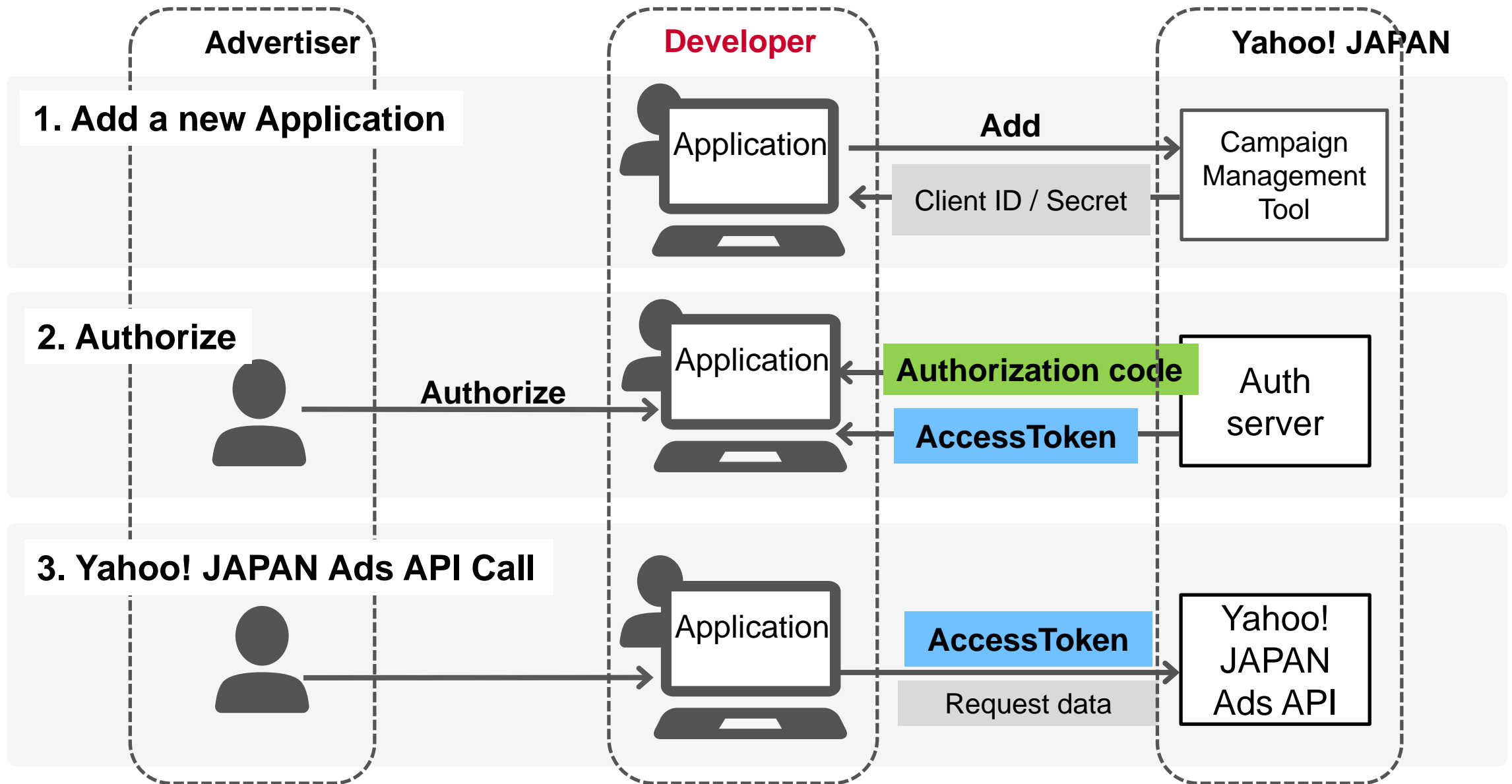
Yahoo! JAPAN Ads API Authorize (OAuth 2.0) and API Call

Limited
Disclosure



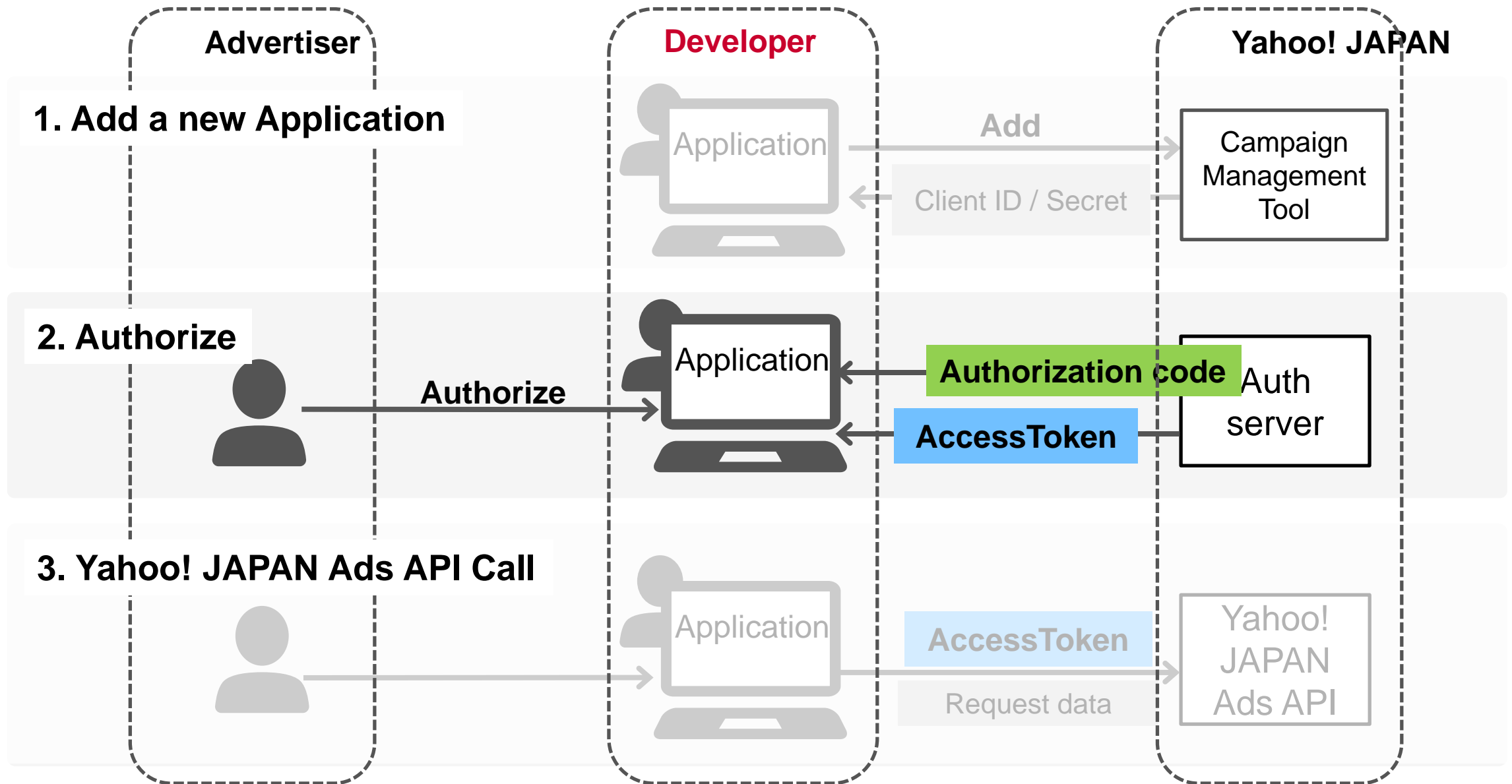
Yahoo! JAPAN Ads API Authorize (OAuth 2.0) and API Call

Limited
Disclosure

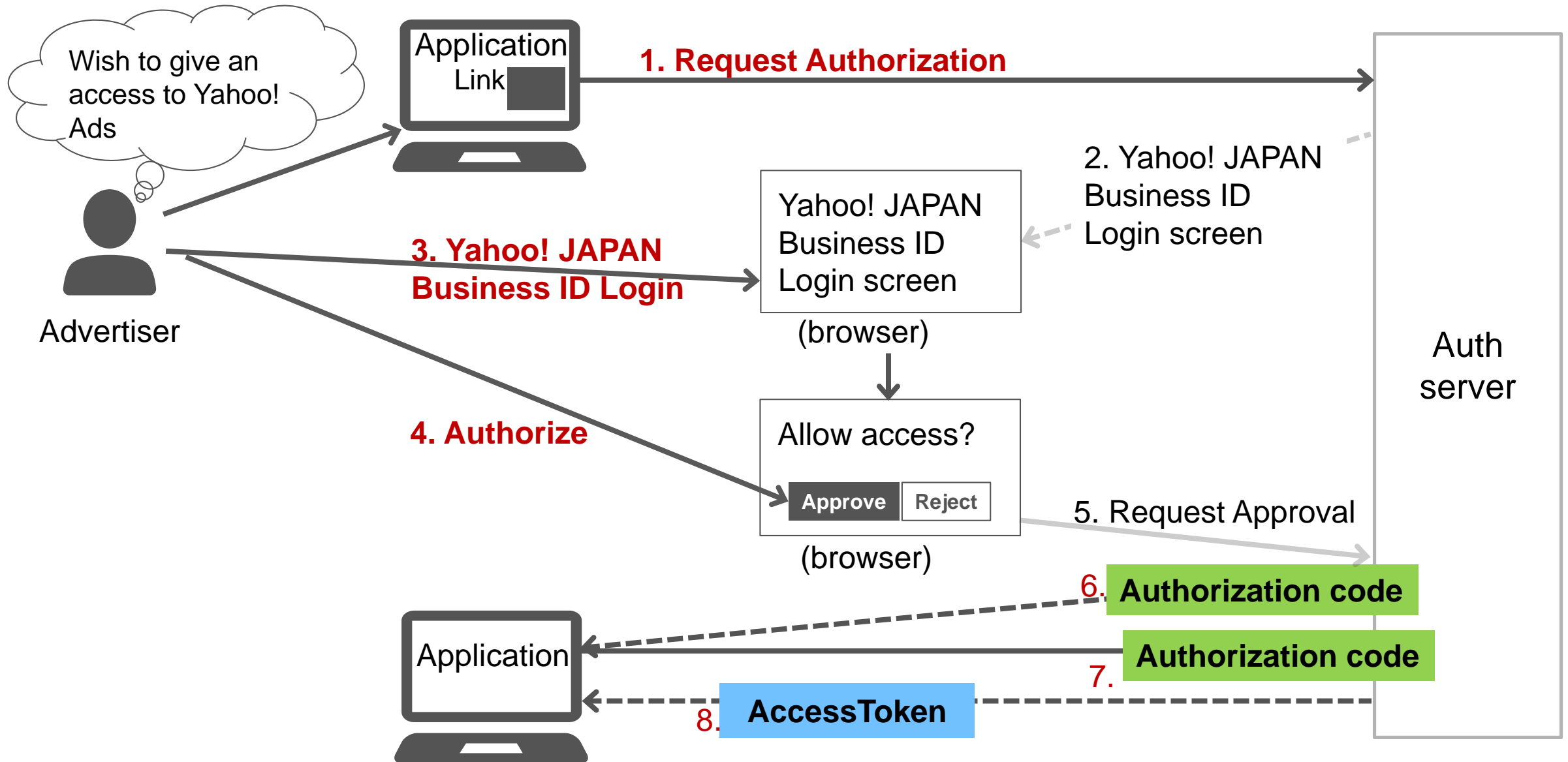


Issuing Access Token

Limited
Disclosure

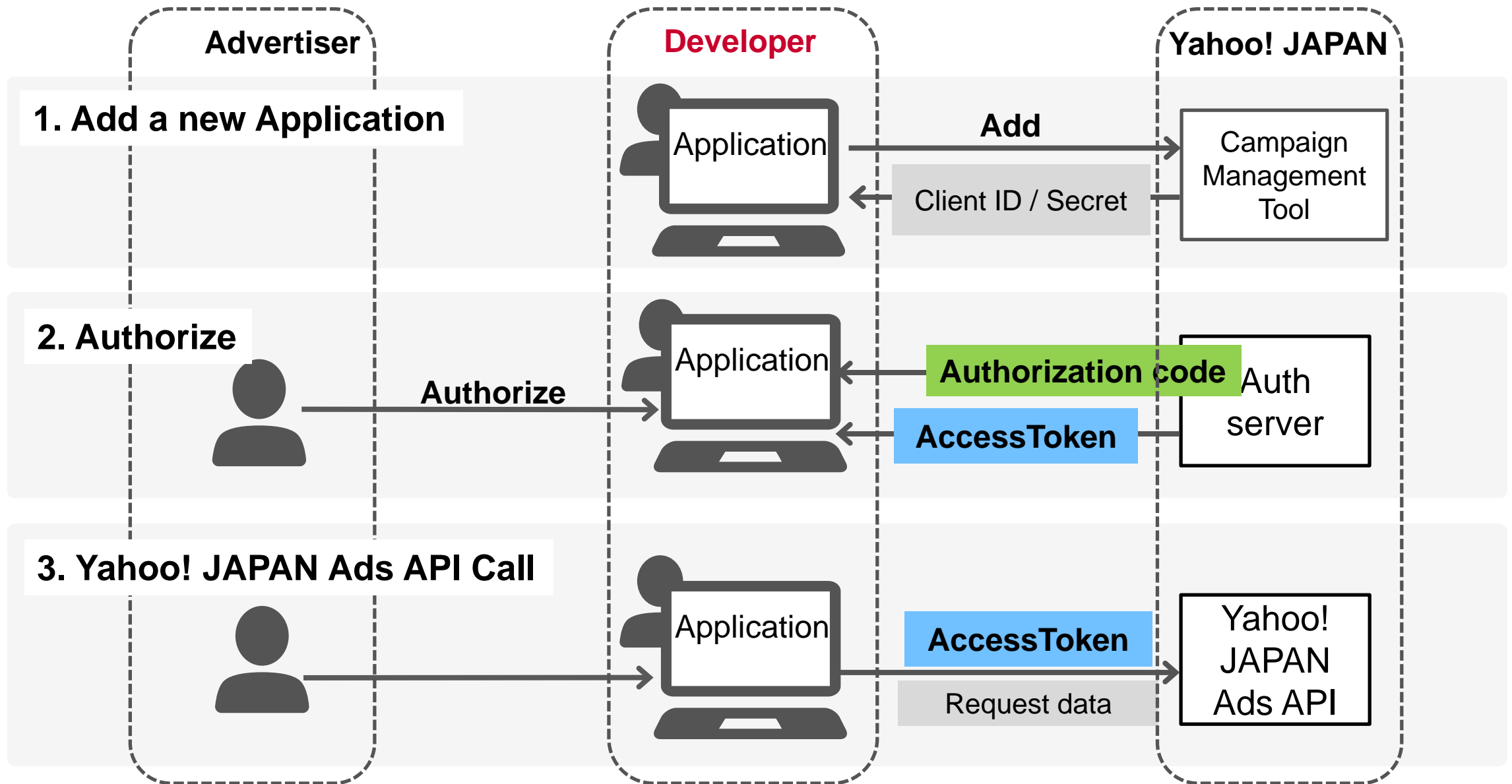


Issue Access Token (OAuth 2.0 Authorization code flow)

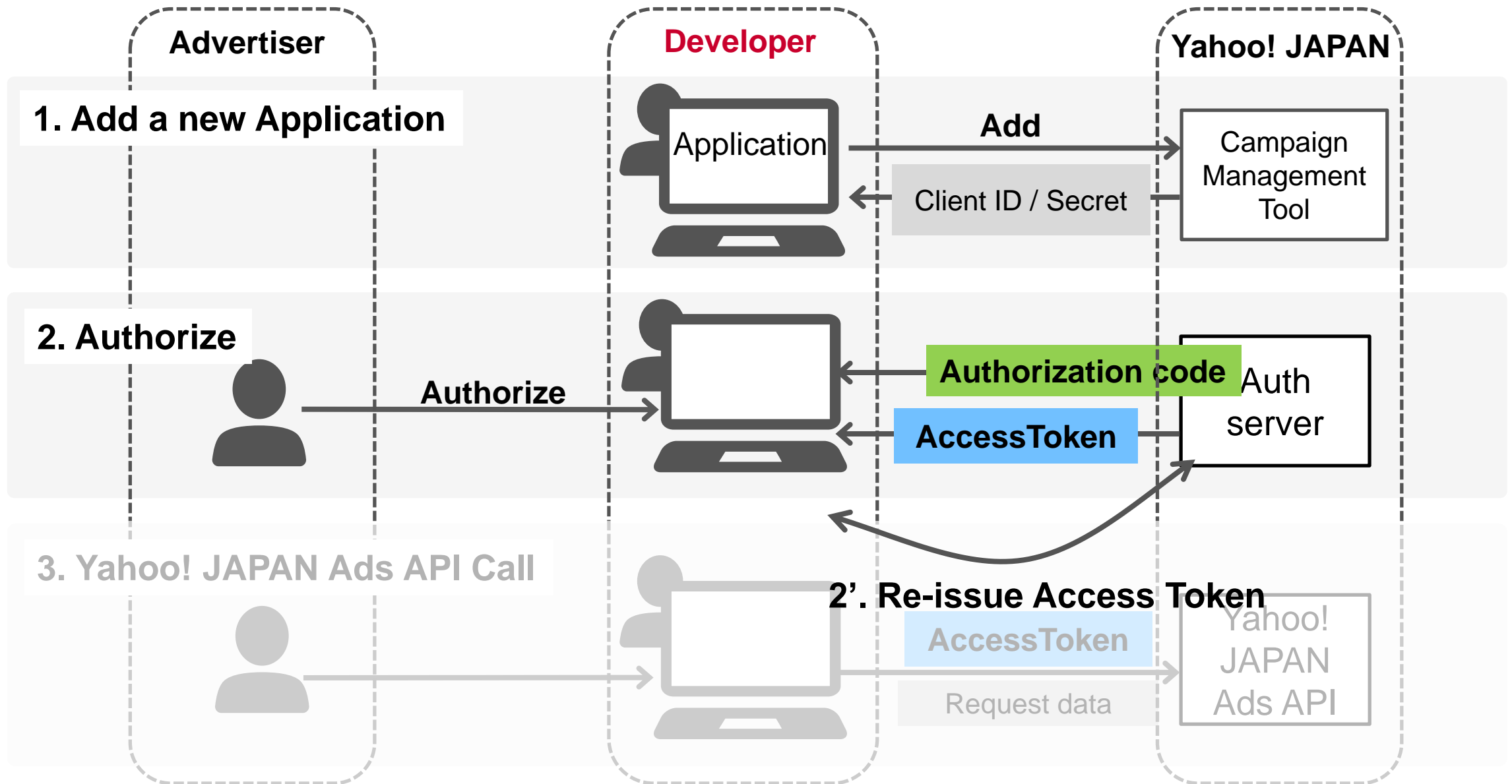


Yahoo! JAPAN Ads API Authorize (OAuth 2.0) and API Call

Limited
Disclosure



Authorization Hands-on training



[1. Add a new Application]

Limited
Disclosure

Add a new Application screen:

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

Login with the distributed Yahoo! JAPAN Business ID

YAHOO! 広告
JAPAN

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



登録済みのアプリケーションはありません

[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]

Limited
Disclosure

YAHOO! 広告
JAPAN

① アプリケーション情報の
入力

② 確認

③ 完了

Yahoo! JAPANビジネスID: test-business-id

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

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。

アプリケーションの説明

ヤフー株式会社

7/300

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]

YAHOO! JAPAN 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。

✕

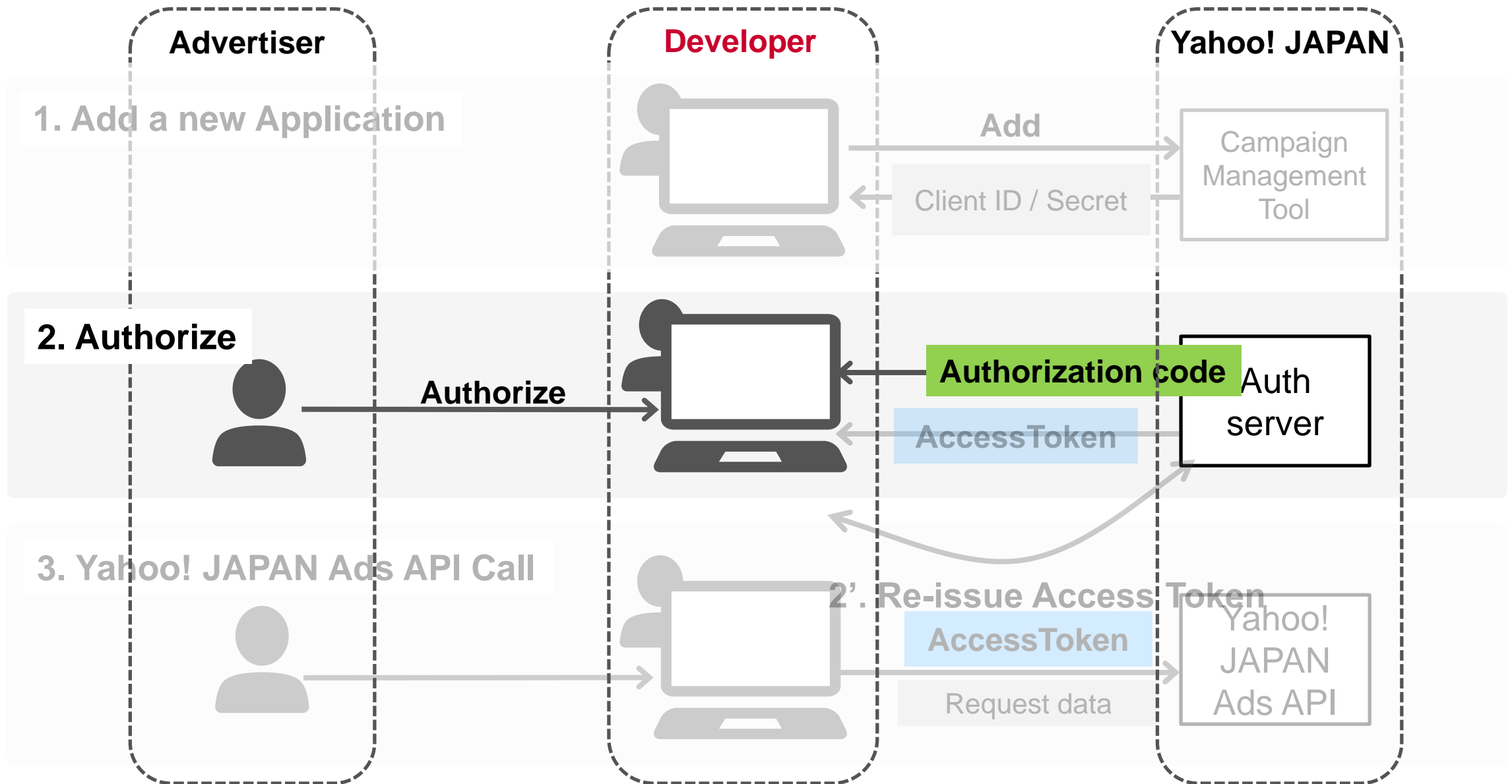
	アプリケーション名	クライアントID	アプリケーションの説明	リダイレクトURI	クライアントシークレット	最終更新日時	↓
⋮	中山アプリ	feacd3fdf7f6de51eb8c6ef85c9ca29 ad57c7b09f3bd9ae6636ff63fa4804 bec コピー	ヤフー株式会社	oob i	表示	2020/01/01 00:00	

[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](#)

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

[2. Authorize]



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

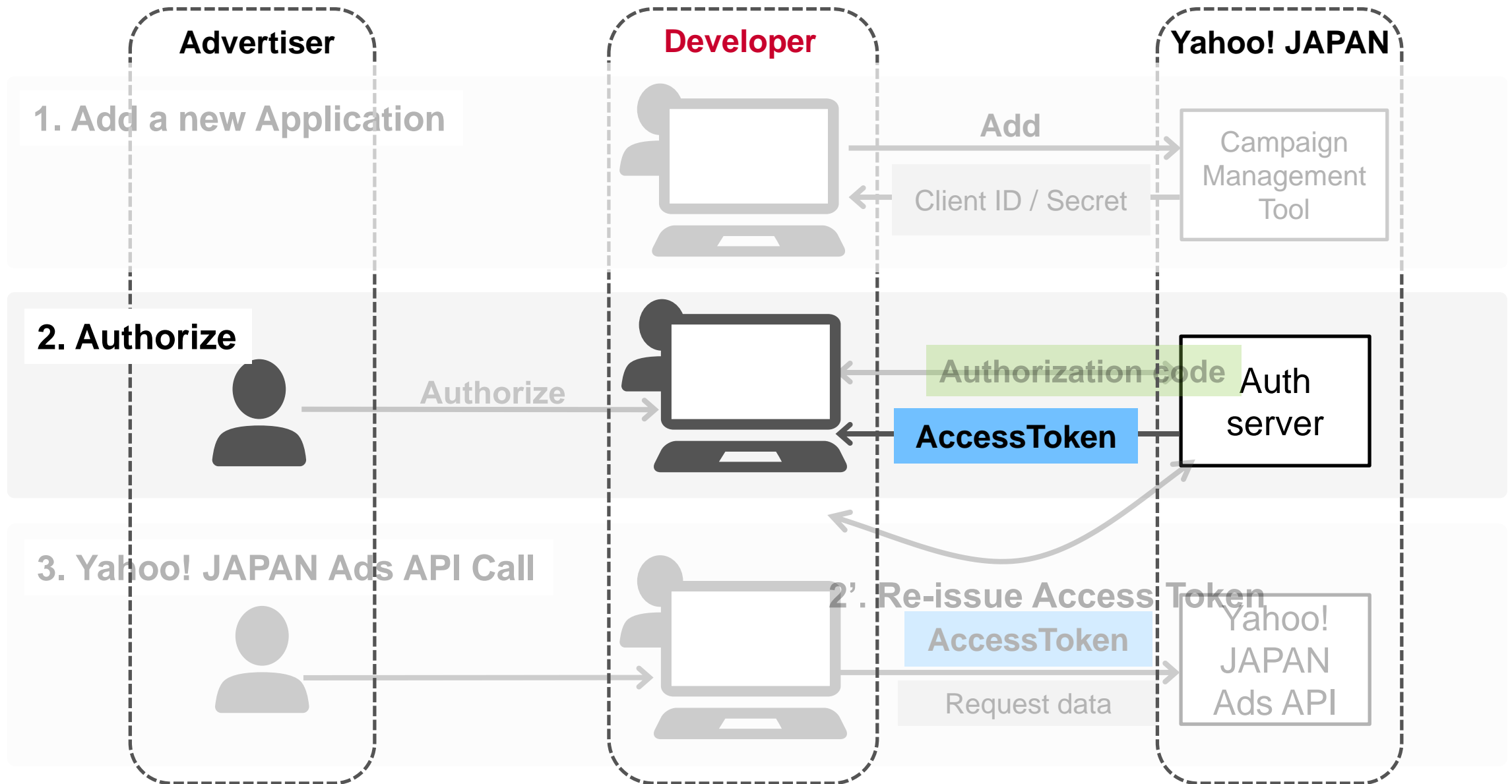
中山アプリからのアクセスを承認しました。

認可コード 7ea4734f624b69b5

コピー

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

[2. Authorize]



Issuing Toke 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

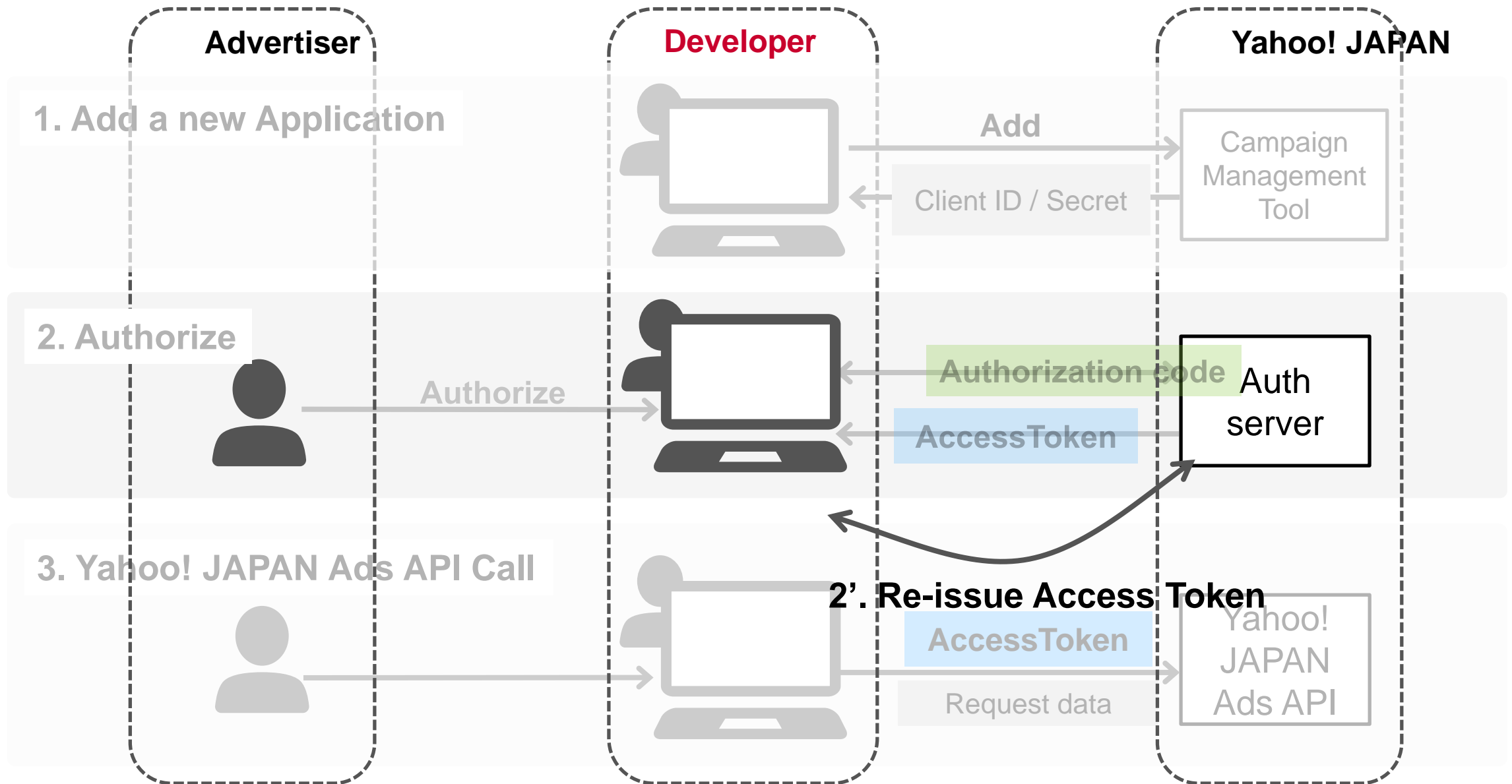
Access via curl (or via browser)



```
{  
  "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]



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

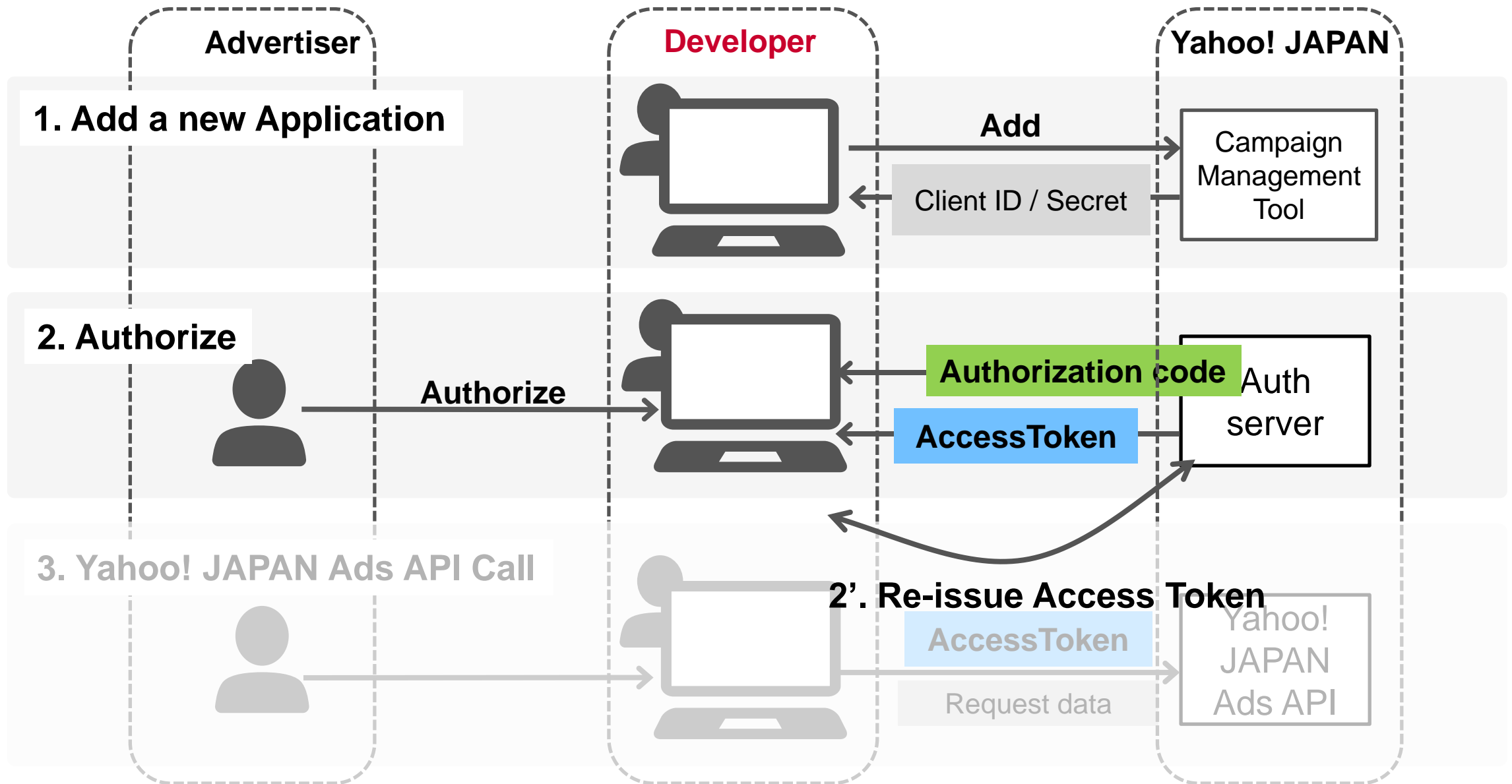
Enter **Refresh Token**

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! JAPAN Ads

DeveloperCenter Yahoo! JAPAN

API Reference

日本語

Search Ads API Reference v1

Display Ads API Reference v1

> AccountAdProductService

> AccountManagementService

> AccountService

> AdGroupAdLabelService

> AdGroupAdService

> AdGroupLabelService

> AdGroupService

> AdGroupTargetService

> AuditLogService

> BalanceService

> CampaignLabelService

> CampaignMigrationService

> CampaignService

> ConversionTrackerService

> DictionaryService

> FeedDataService

> FeedFtpRequestService

> FeedFtpService

> FeedItemService

> FeedService

> FeedSetService

> LabelService

> MediaService

> PlacementUrlIdeaService

> PlacementUrlListService

> ReportDefinitionService

> RetargetingListService

Yahoo! JAPAN Ads Display Ads API Reference v1

[../advj-display-ads-api-design/src/design/swagger/v1/Route.yaml](#)

AdGroupAdLabelService

campaign

size

>

>

>

>

Yahoo! JAPAN Ads API Reference

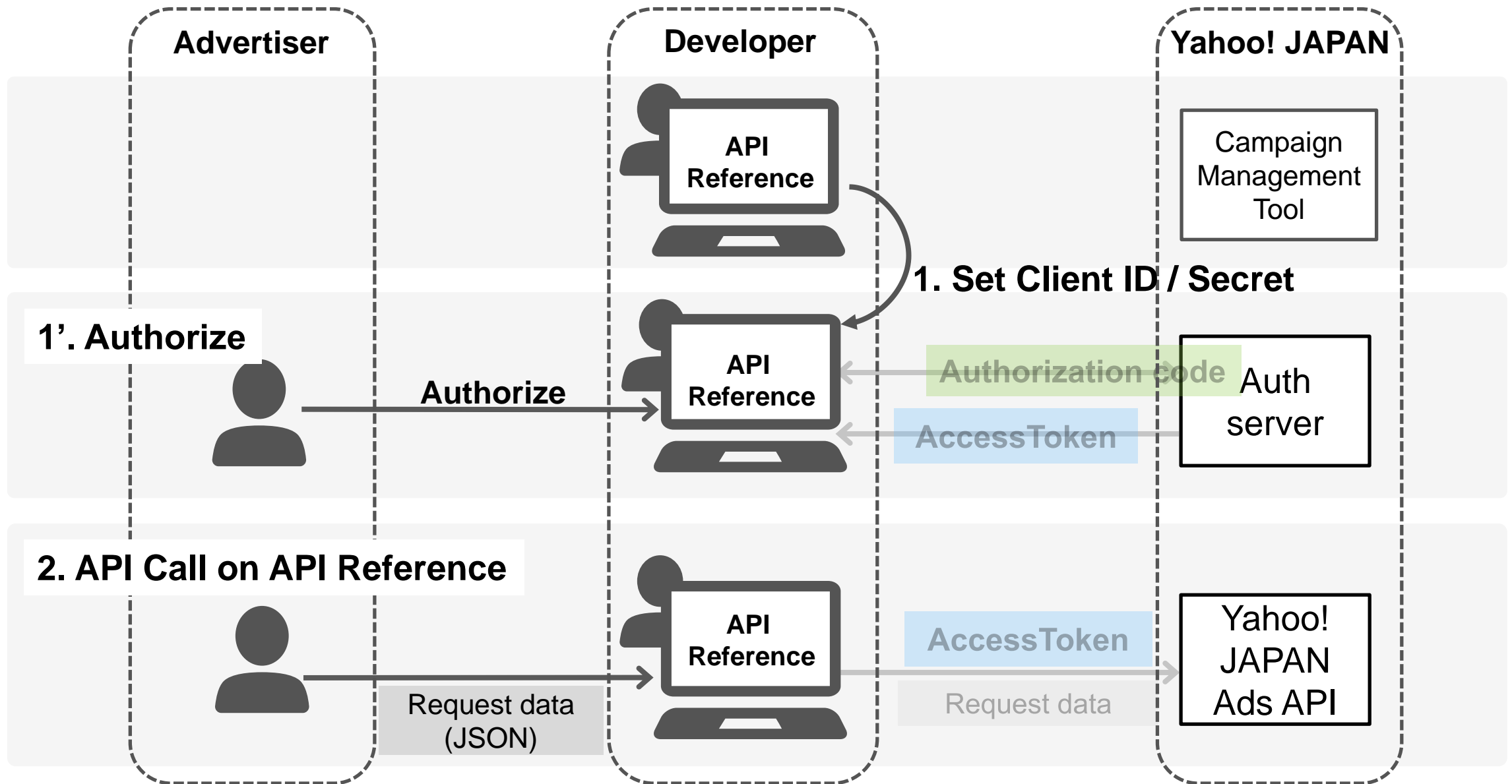
- **API Specifications**
- **API Call trial (Browsing endpoint only)**

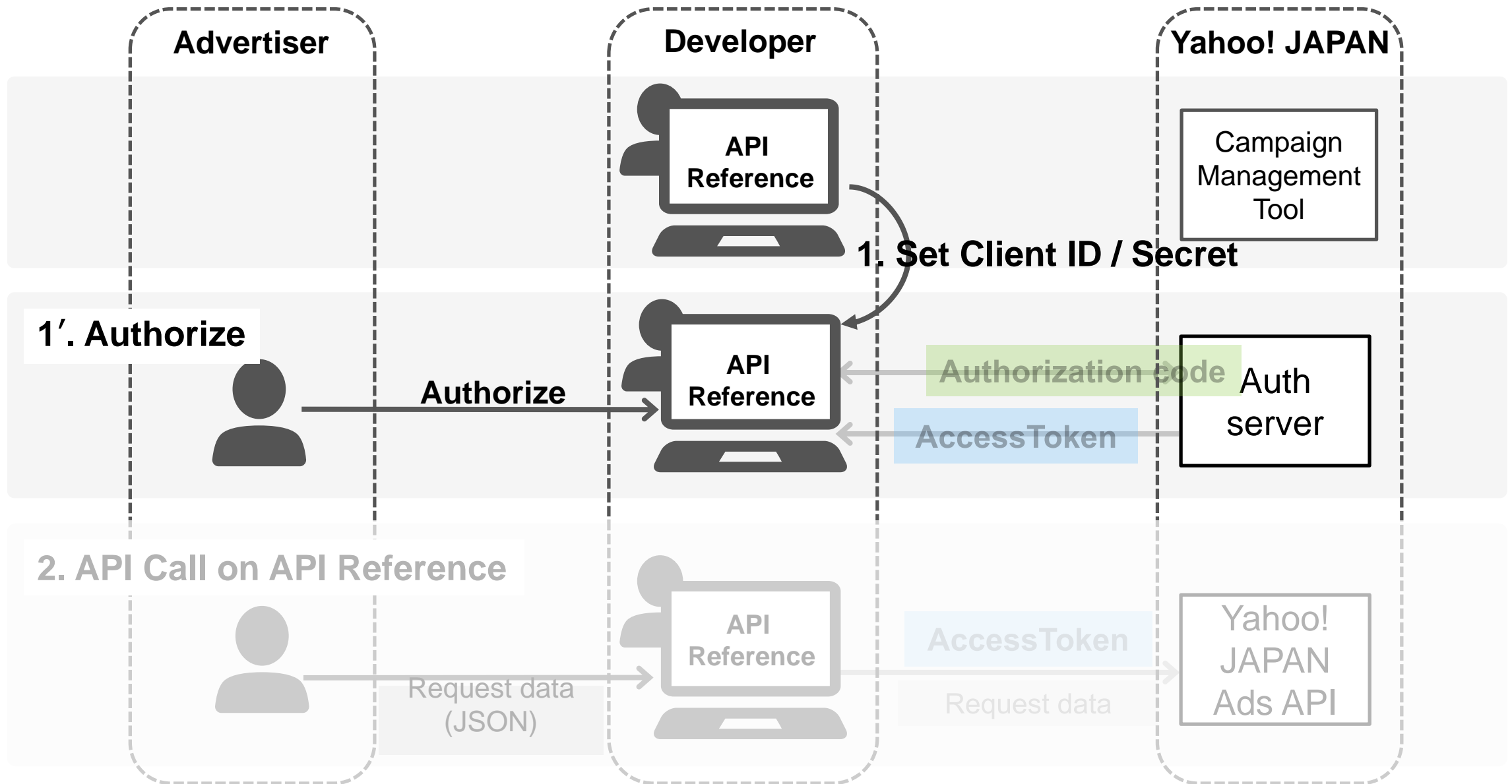
Display Ads:

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

Search Ads:

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





[1. Set Client ID / Client Secret]

Limited
Disclosure

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

DeveloperCenter Yahoo! JAPAN

API Reference日本語

Search Ads API Reference v1 Display Ads API Reference v1

> AccountAdProductService

> AccountManagementService

> AccountService

> AdGroupAdLabelService

> AdGroupAdService

> AdGroupLabelService

> AdGroupService

> AdGroupTargetService

> AuditLogService

> BalanceService

> CampaignLabelService

> CampaignMigrationService

> CampaignService

> ConversionTrackerService

> DictionaryService

> FeedDataService

> FeedFtpRequestService

> FeedFtpService

> FeedItemService

> FeedService

> FeedSetService

> LabelService

> MediaService

Yahoo! JAPAN Ads Display Ads API Reference v1

../advj-display-ads-api-design/src/design/swagger/v1/Route.yaml

Display Ads API Web Services supported in Yahoo! JAPAN

[OpenAPI Specification](#)

Servers

`https://ads-display.yahooapis.jp/api/v1`

AccountAdProductService

account

AccountAdProductService provides the list of ad display methods.

AccountManagementService

account

AccountManagementService provides functions for creating and managing accounts.

AccountService

account

Authorize API Reference by
“Authorize” button

It's required every access to
API Reference page

Authorize

[1. Set Client ID / Client Secret]

Limited
Disclosure

Available authorizations

user. Each API may declare one or more scopes.
API requires the following scopes. Select which ones you want to grant to Swagger UI.

oAuth (OAuth2, authorizationCode)

Authorization URL: https://biz-oauth.yahoo.co.jp/oauth/v1/authorize
Token URL: https://biz-oauth.yahoo.co.jp/oauth/v1/token
Flow: authorizationCode

client_id:
feacd3fdf7f6de51eb8c6e75!

client_secret:
dea9186bv99356e288e409

Scopes:

☒ yahooads
アプリケーションを経由したYahoo!広告の各機能の操作/Operation by each function of
Yahoo! JAPAN Ads via applications.

Authorize>

Close >

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

Allow several operations of Yahoo! JAPAN Ads

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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

Available authorizations

Scopes are used to grant an application different levels of access to data on behalf of the end user. Each API may declare one or more scopes.

API requires the following scopes. Select which ones you want to grant to Swagger UI.

oAuth (OAuth2, authorizationCode)

Authorized

Authorization URL: <https://biz-oauth.yahoo.co.jp/oauth/v1/authorize>

Token URL: <https://biz-oauth.yahoo.co.jp/oauth/v1/token>

Flow: authorizationCode

client_id: *****

client_secret: *****

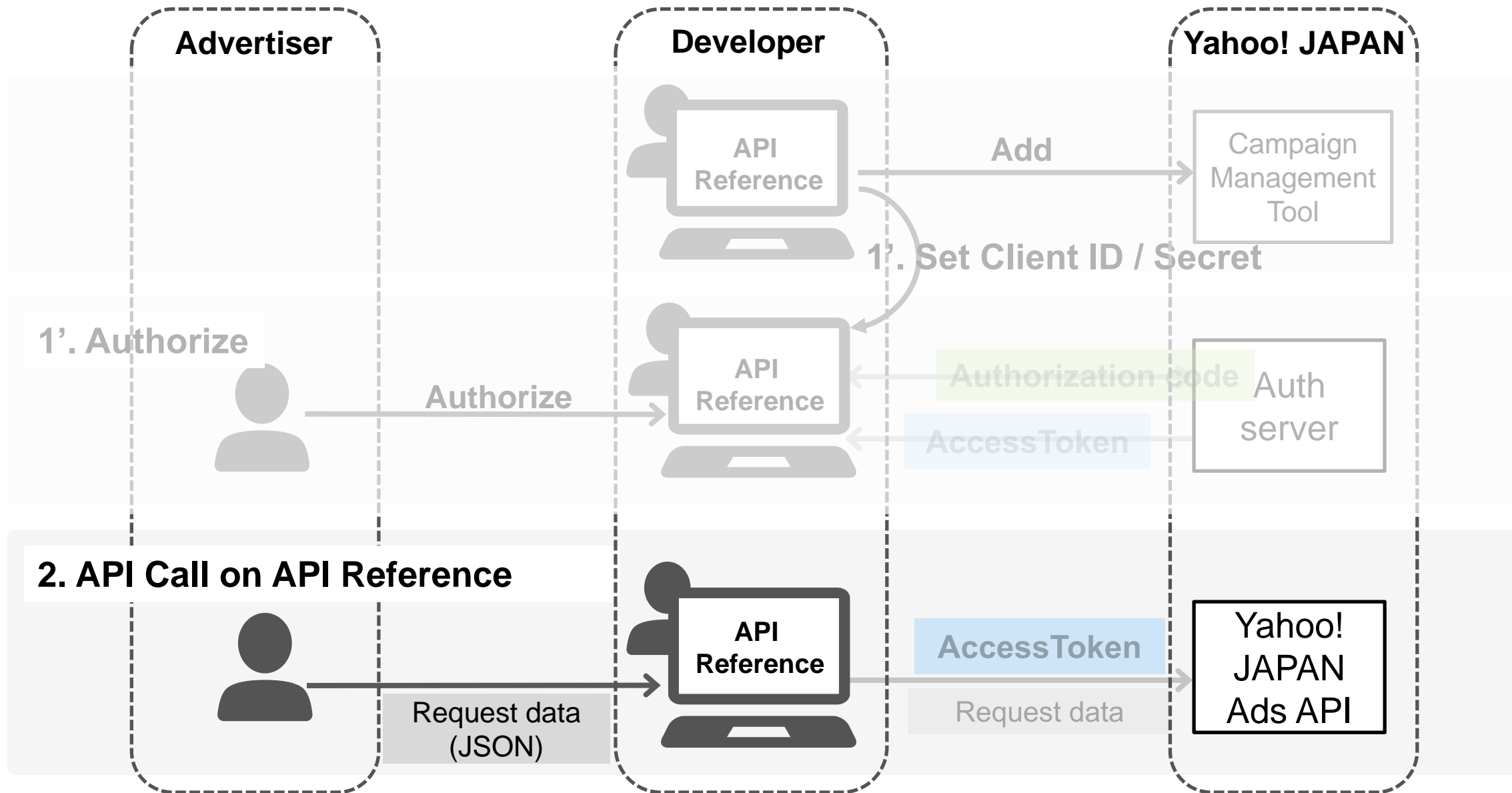
Logout >

Close >

API Reference Redirect URI:

[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
> 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

Request body application/json

[Example Value](#) | [Schema](#)

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

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

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

Search Ads API Reference v0

Display Ads API Reference v0

> 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

Request body

application/json

Example Value

Schema

description:

The AccountServiceSelector object is used to select accounts for acquisition.

API Call by
"Try it out" button
on each service

Try it out

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

Search Ads API Reference v0 Display Ads API Reference v0 Account operation

> 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

POST /AccountService/get 🔒

Acquires account information.

Parameters Cancel

No parameters

Request body application/json

Edit Value Schema

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

Edit >

Create JSON data to be requested with “Edit” button

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

Limited
Disclosure

The screenshot displays the 'Search Ads API Reference v0' interface. On the left, a sidebar lists various API services, with 'AccountService' expanded to show 'get' and 'set' methods. The main panel is titled 'Display Ads API Reference v0' and shows the 'Parameters' tab for the '/AccountService/get' endpoint. A large speech bubble overlay instructs the user to 'Enter JSON { "includeTestAccount": "ALL" }'. The 'Request body' section contains a text area with the JSON payload:

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

. Below the text area are 'Cancel >' and 'Reset >' buttons. A red rectangular box highlights the 'Execute' button at the bottom of the panel. The 'Responses' section is visible at the very bottom.

Search Ads API Reference v0 Display Ads API Reference v0

- > 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

> AccountService

200

Response body

```
"account": {
  "accountAuthorities": null,
  "accountId": 100000000,
  "accountName": "TestAccount",
  "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	<div>▶ Error Codes</div>

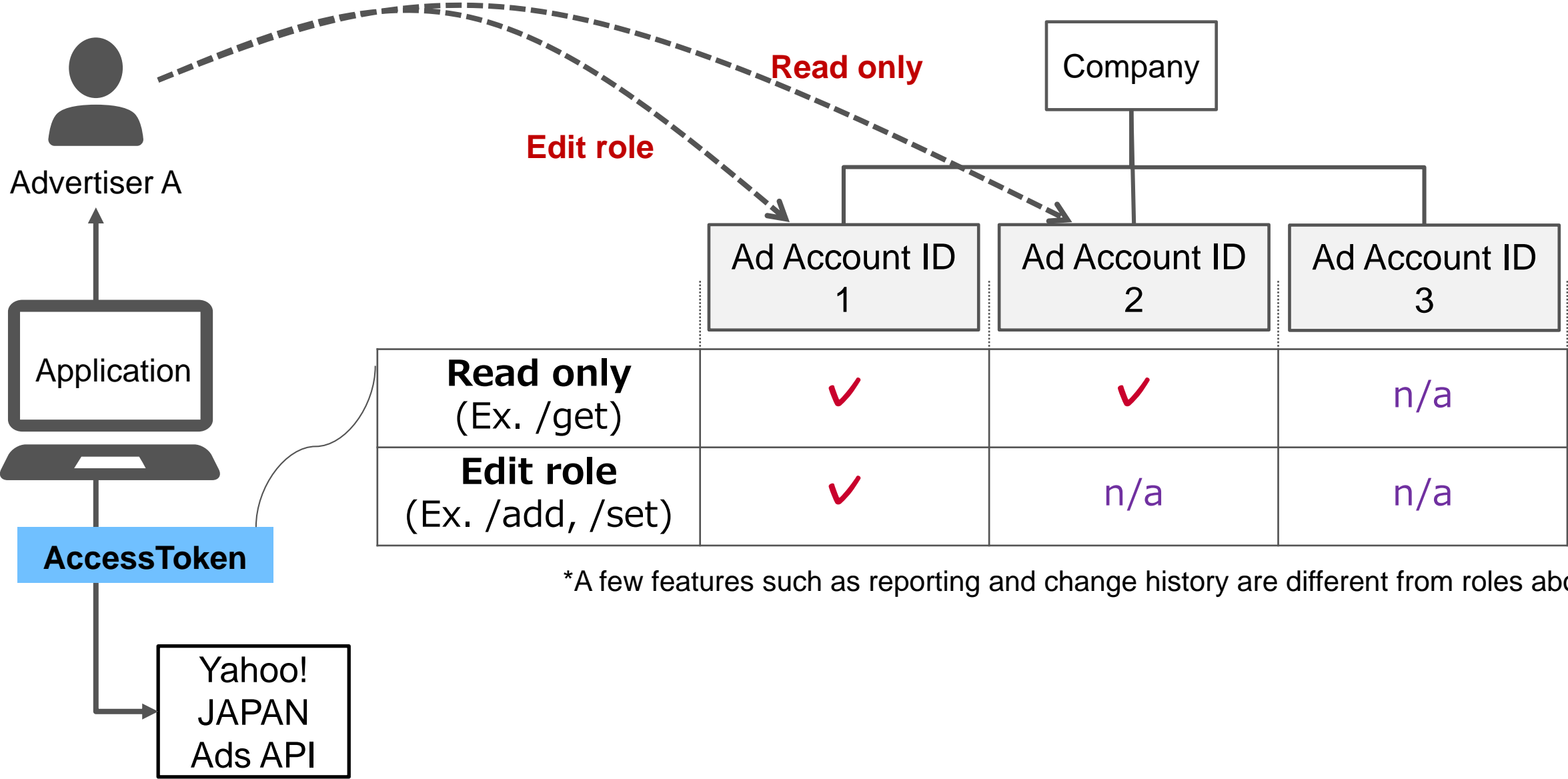
"authType": "UPDATABLE"

○ Role of ad account

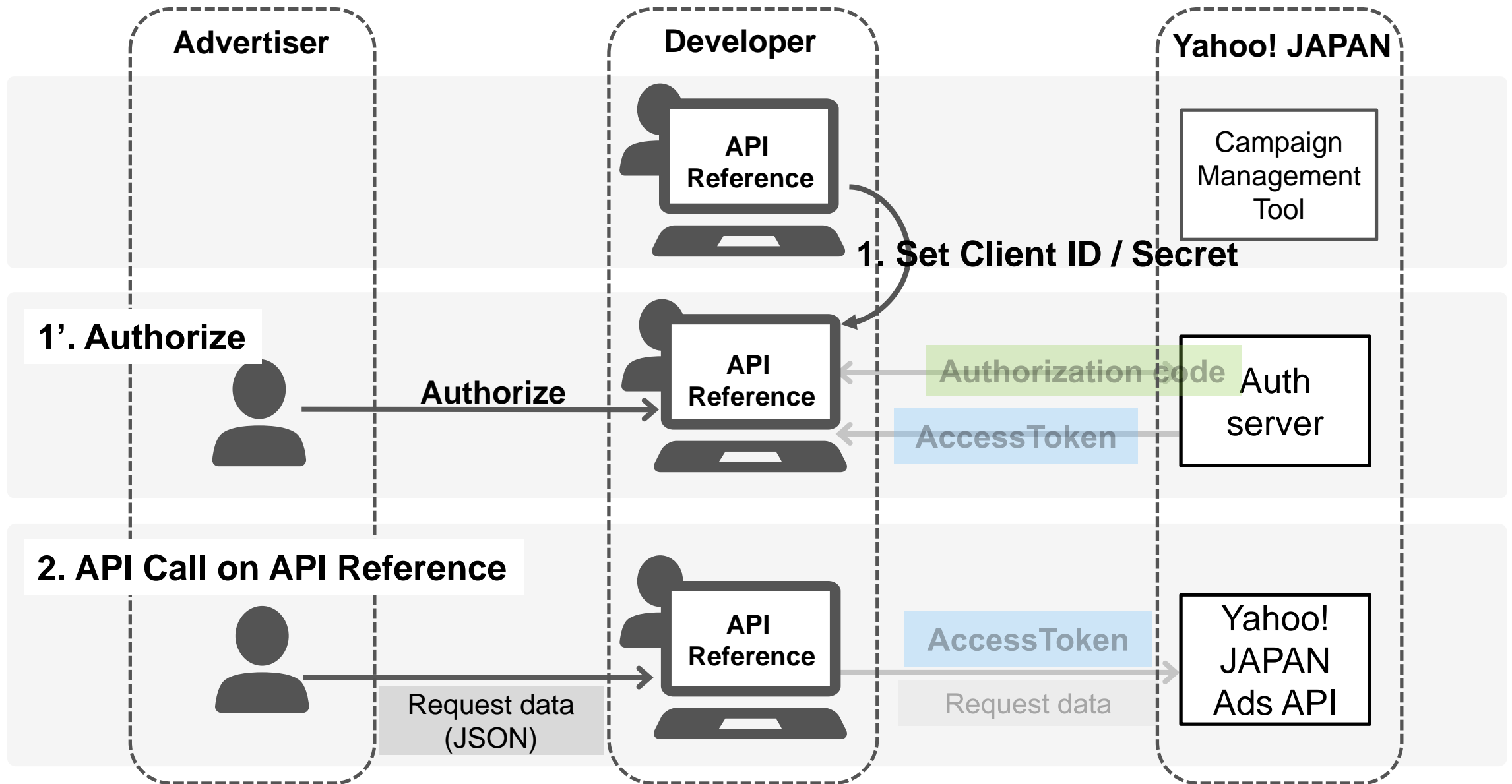
× Role of access token

JSON response can be checked on API Reference

Access Token v.s. Advertising Account ID roles



*A few features such as reporting and change history are different from roles above.



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

	Valid time	Notes
Client ID / Secret	indefinitely	Client Secret can be re-issued
Authorization code	10min	Authorization code cannot be used twice
Access Token	1hour	–
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/>