

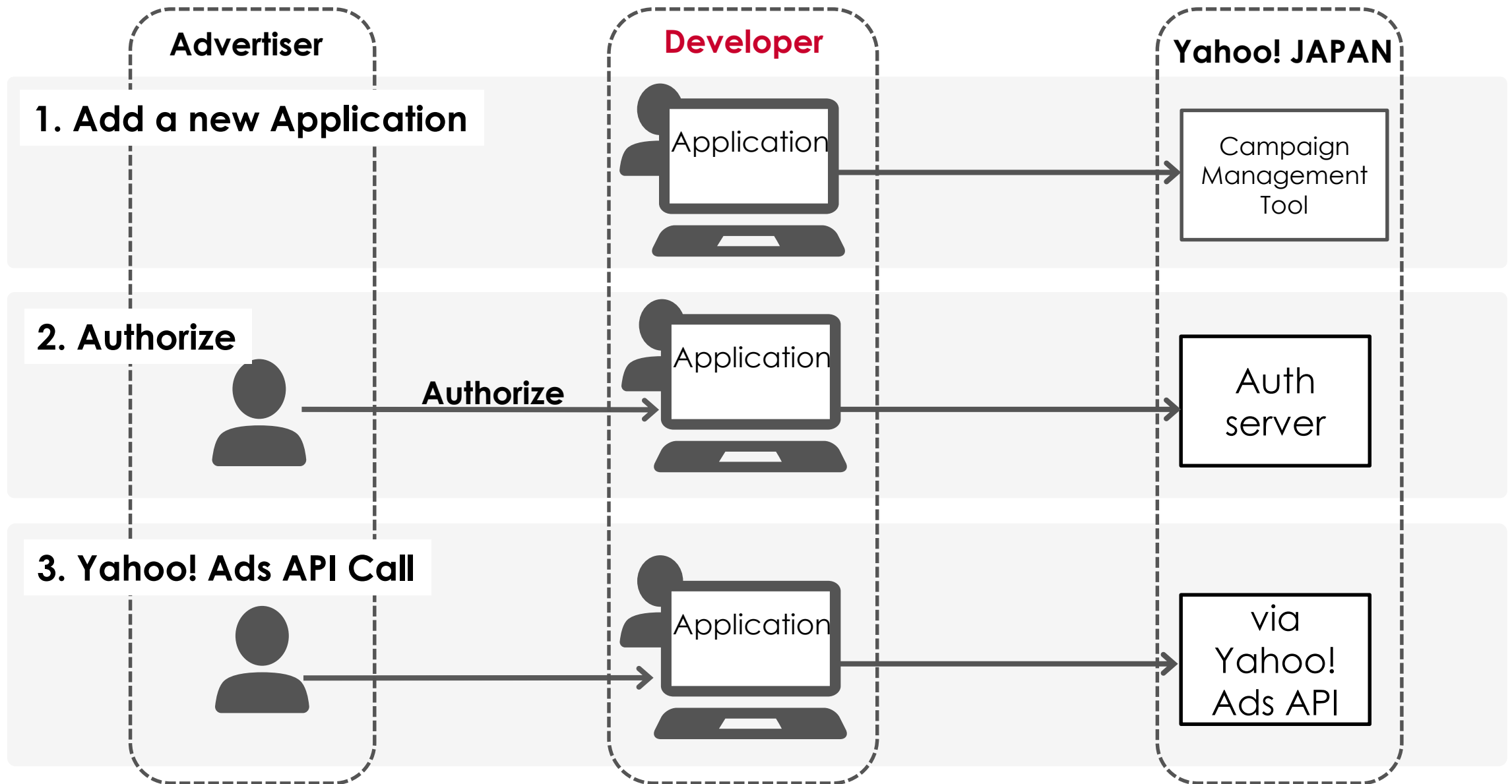
Authorization Hands-on training

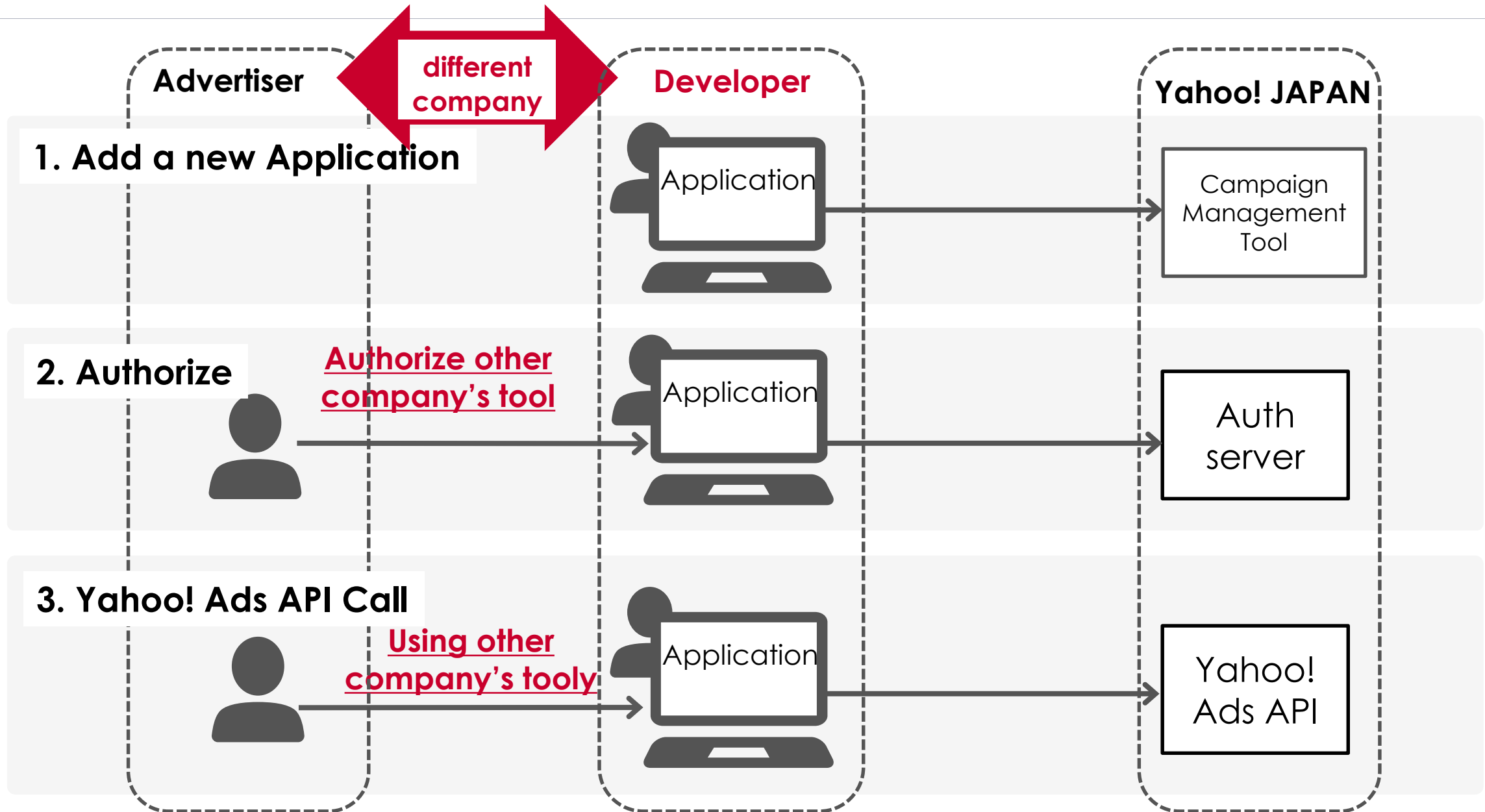
- Yahoo! Ads API Authorize and API Call (10mins)
- Authorization Hands-on (25mins)
- API Call trial Hands-on training on API Reference (20mins)
- Summary
- FAQ (10mins)

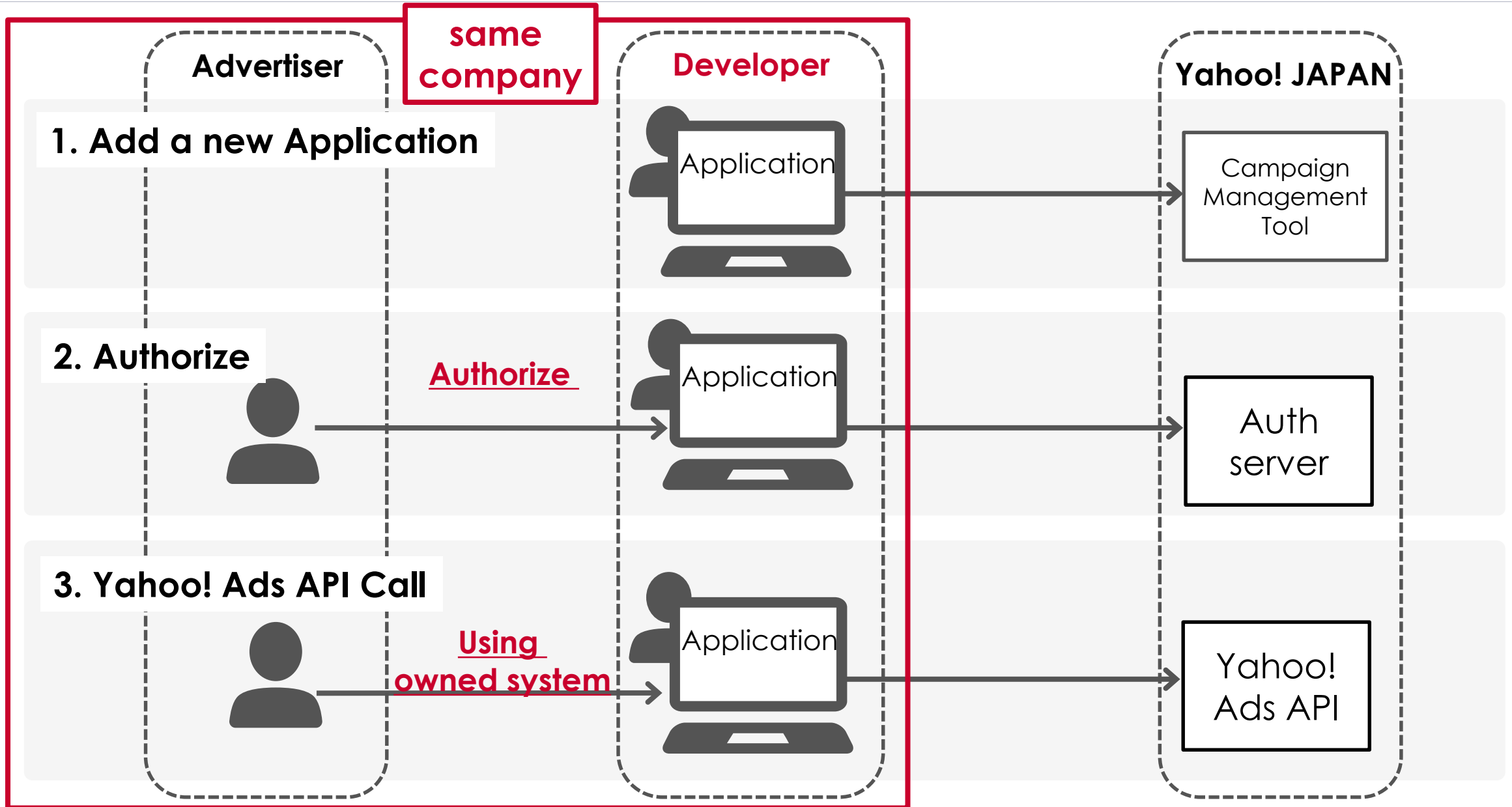
Yahoo! Ads API Authorize and API Call

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

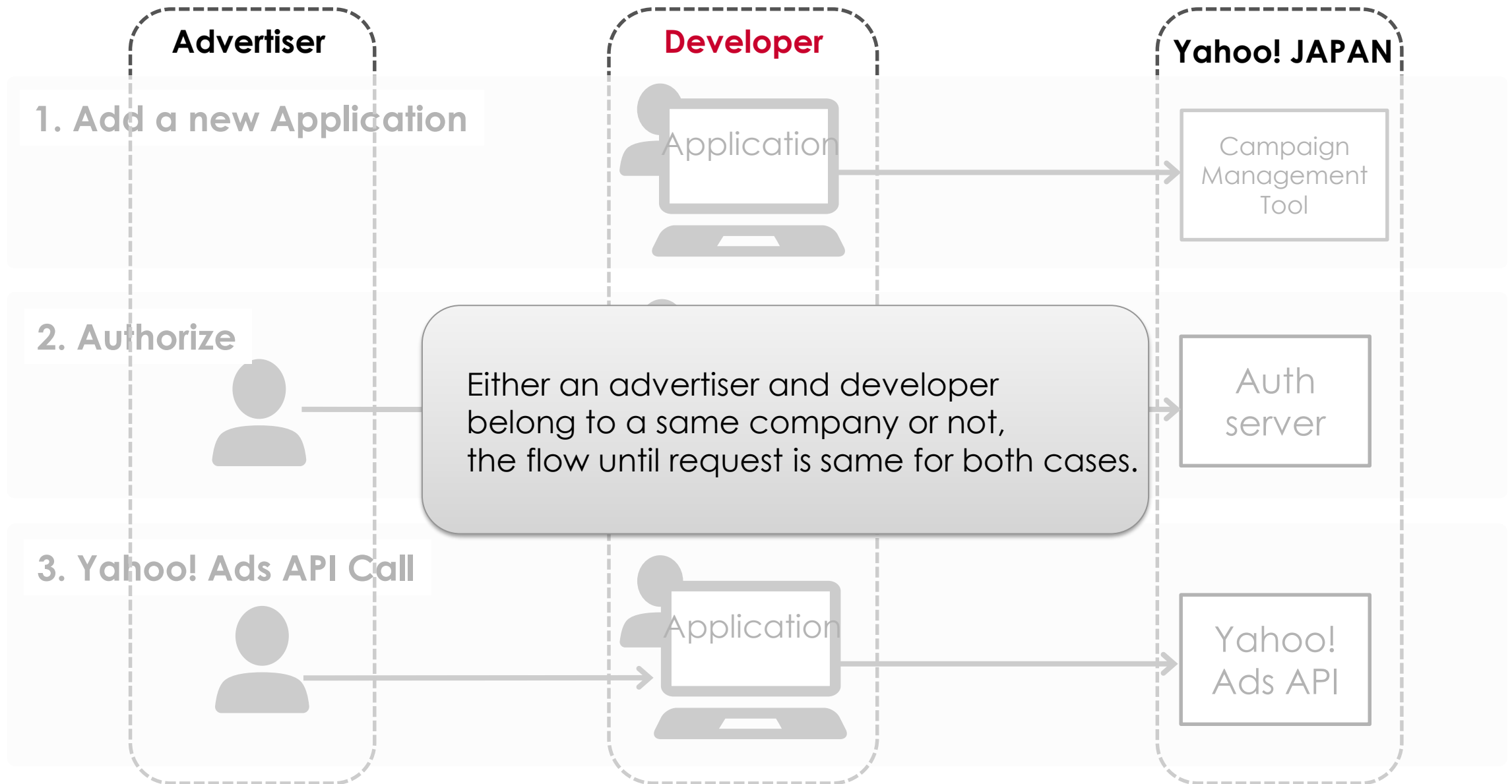
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Disclosure





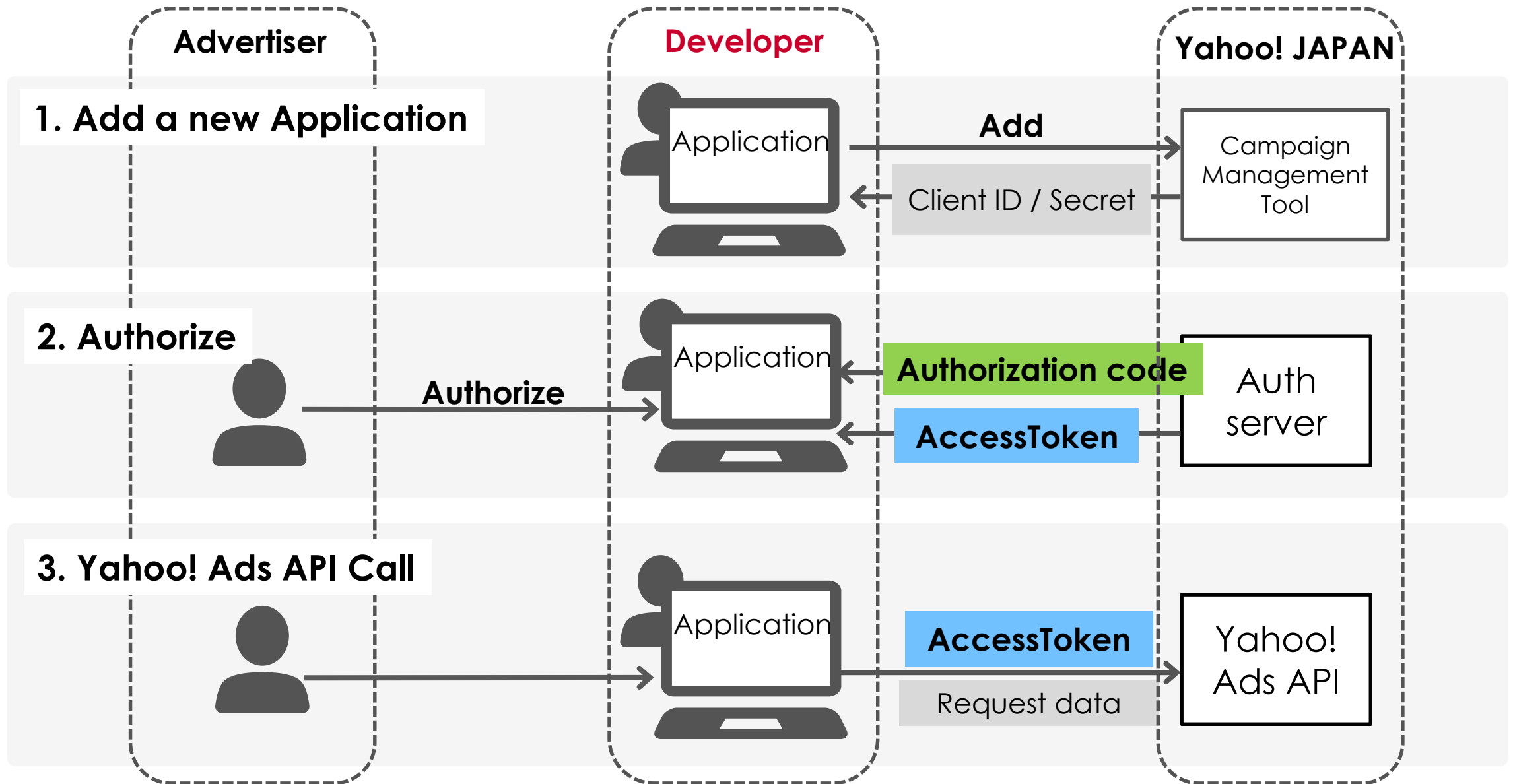


Yahoo! Ads API Authorize (OAuth 2.0) and API Call

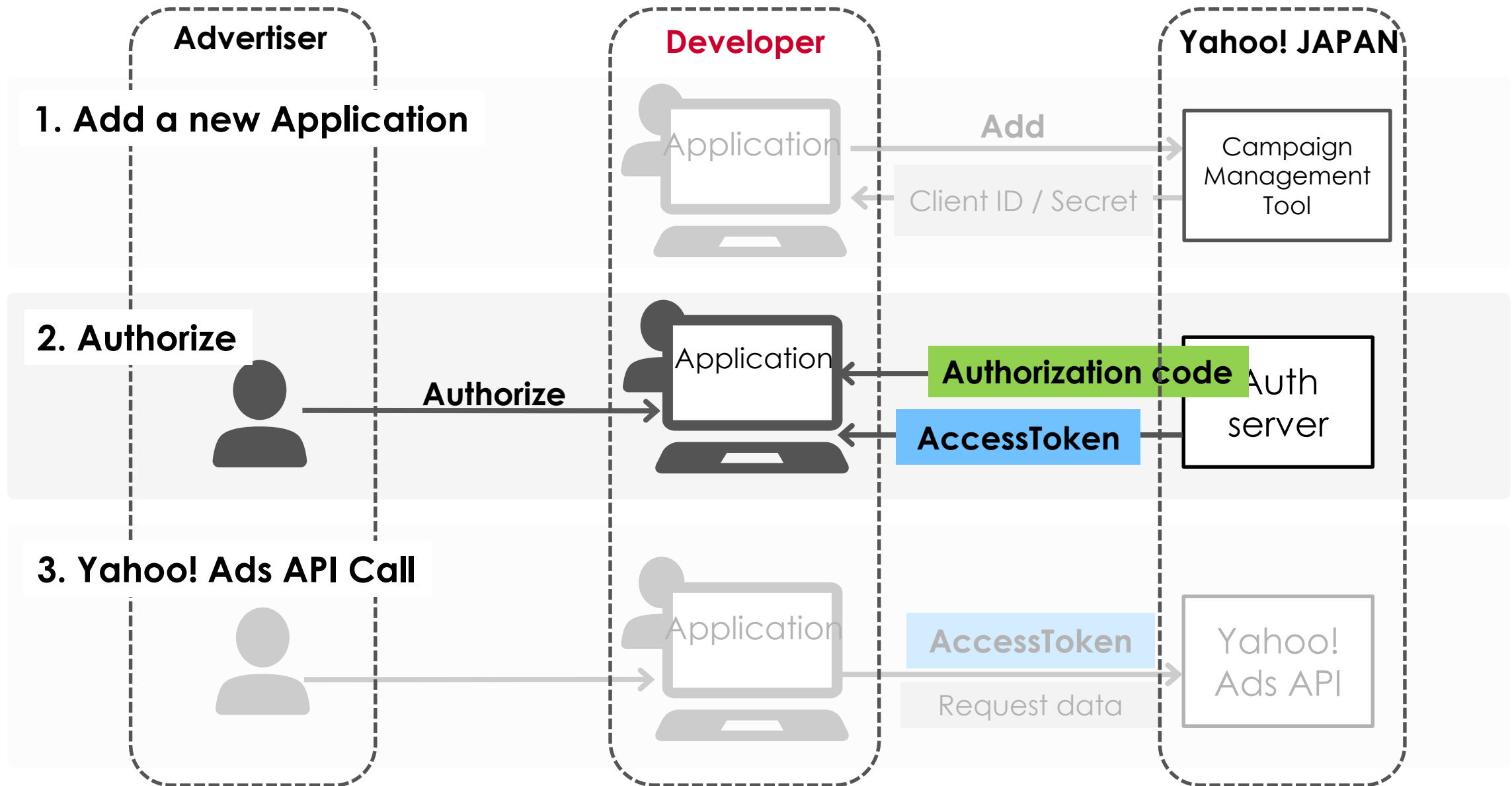


Yahoo! Ads API Authorize (OAuth 2.0) and API Call

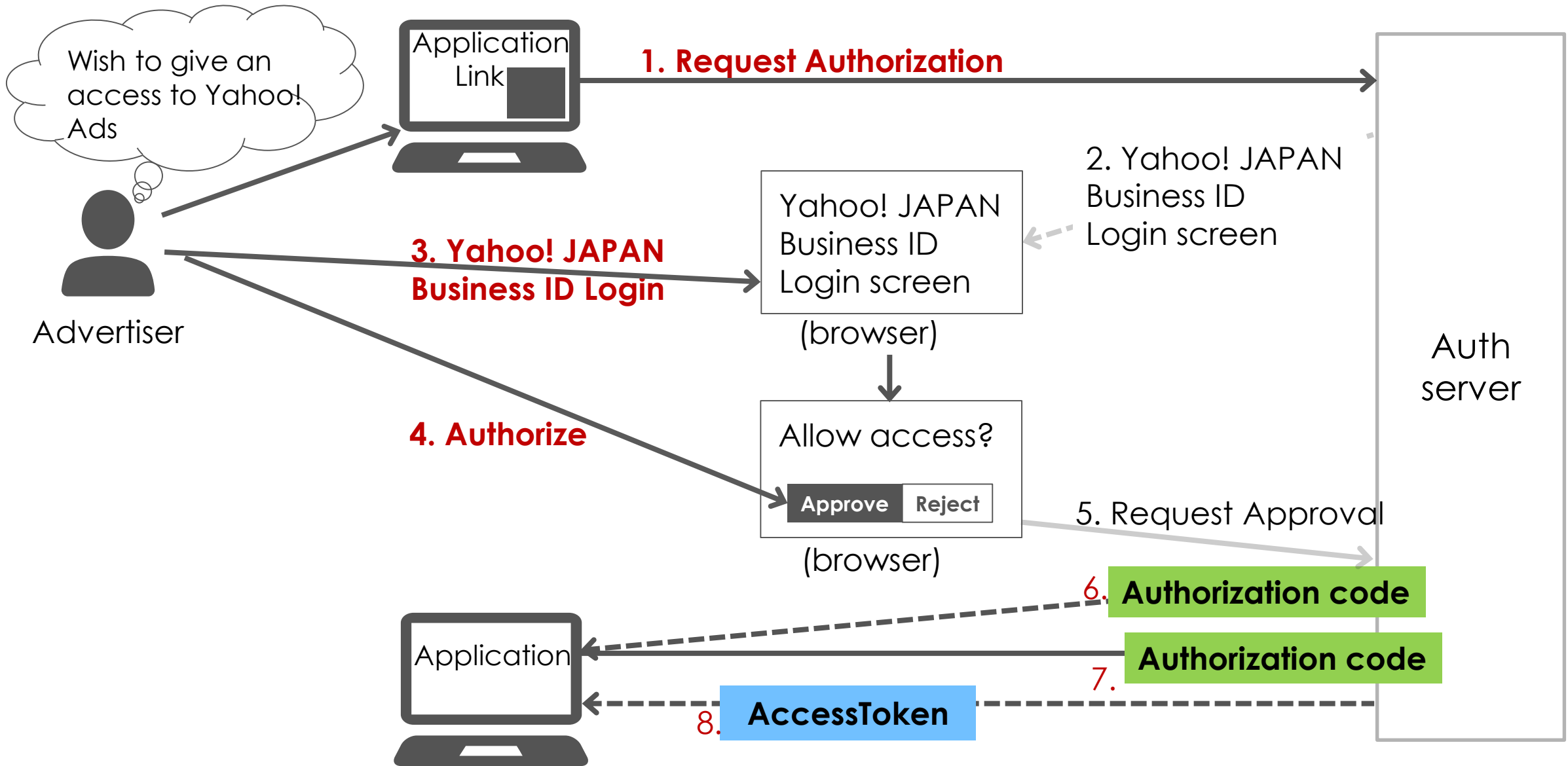
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Disclosure



Issuing Access Token

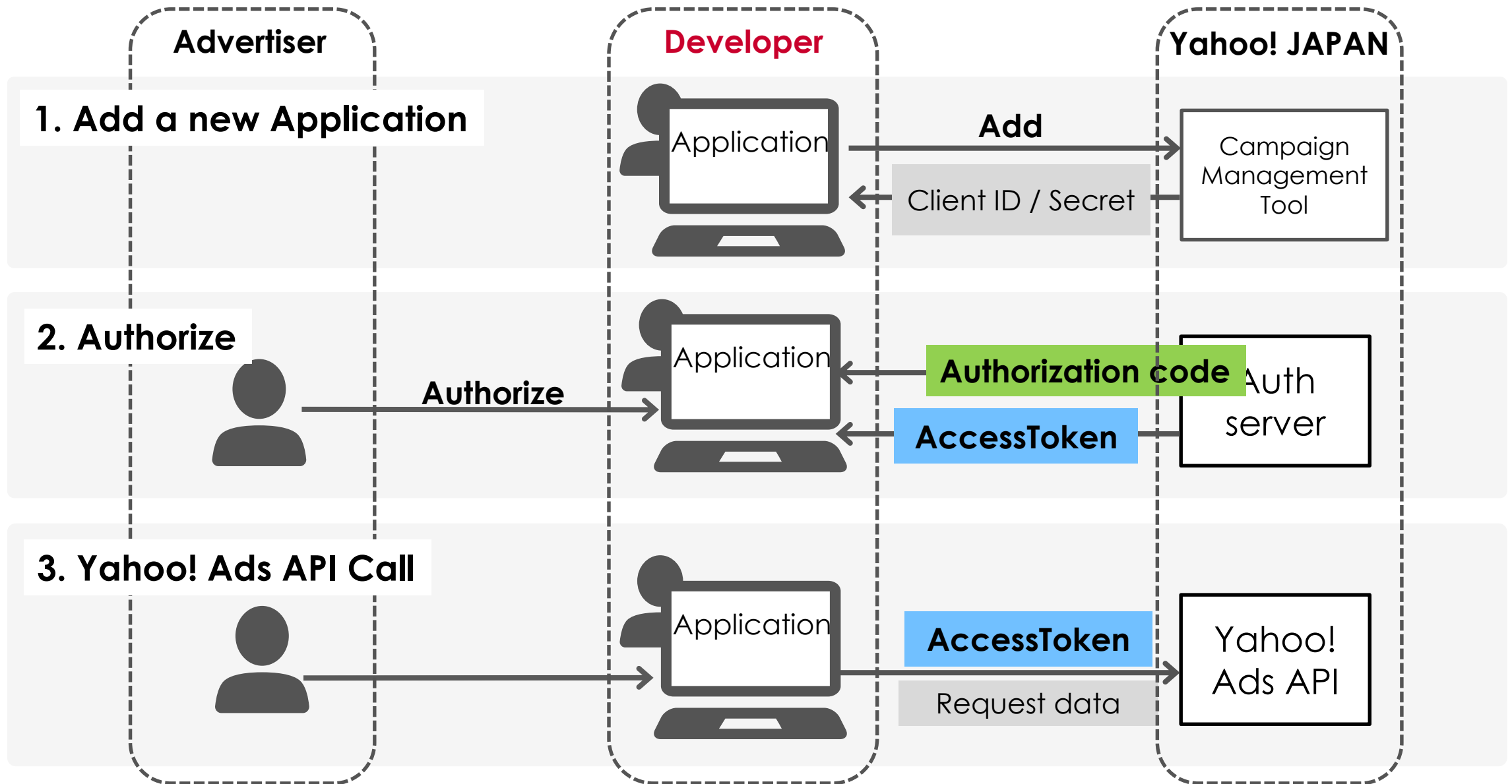


Issue Access Token (OAuth 2.0 Authorization code flow)

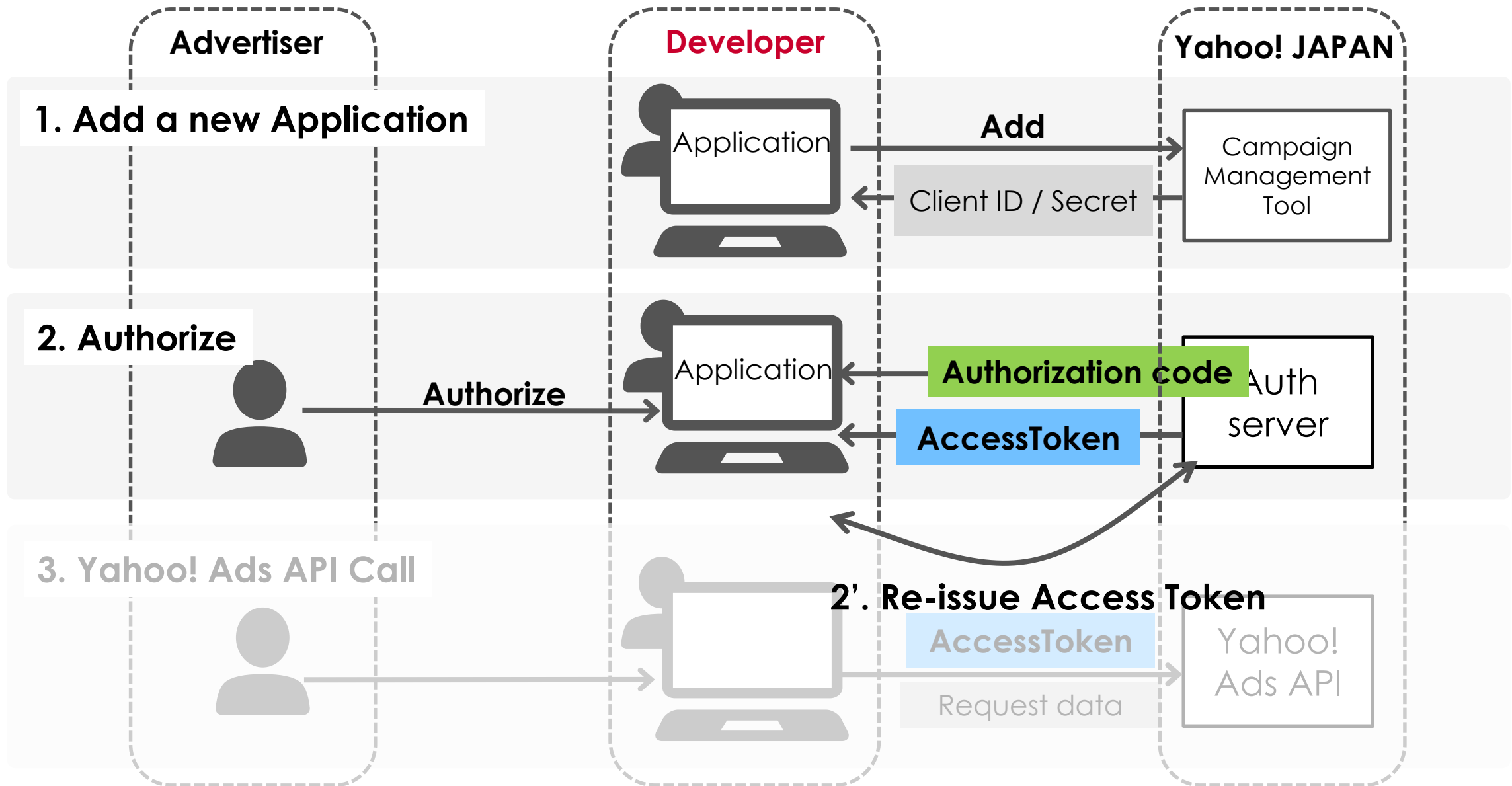


Yahoo! Ads API Authorize (OAuth 2.0) and API Call

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Authorization Hands-on training



[1. Add a new Application]

Add a new Application screen:
<https://connect-business.yahoo.co.jp/client/list>

Login with the distributed Yahoo! JAPAN Business ID

YAHOO! Ads
JAPAN

Yahoo! JAPAN Business ID: test-business-id ▾

Authorized applications

Added applications

Added applications

Add a new

| Application name | Client ID | description | Redirect URI | Client secret | Last updated ▾ |
|------------------|-----------|-------------|--------------|---------------|----------------|
| No application. | | | | | |

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 -

Terms of Use

 -

Master Terms and Conditions

 -

Yahoo! JAPAN Business ID Terms of Use

 -

Disclaimer

 -

Help

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[1. Add a new Application]

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YAHOO! Ads
JAPAN

① Enter description

② Confirm

③ Complete

Yahoo! JAPAN Business ID: test-business-id

Add a new

All of items on this page are required.

Application name

Test App

3/30

This information is shown for application users.

description

App description

5/300

This information is shown for application users.

Redirect UR

oob

3/500

+ Add

Enter the URI to redirect to your application after authorized.
Click "Add" button to add URI, up to 10.
If you have no redirect URI, enter "oob" on this field.

Confirm

Cancel

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

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

Enter "oob" on hands-on training

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[1. Add a new Application]

YAHOO! Ads

JAPAN

Yahoo! JAPAN Business ID: test-business-id

Authorized applications

Added applications

Added applications

Add a new

✓ A new application has been added.

| | Application name | Client ID | description | Redirect URI | Client secret | Last updated |
|---|------------------|--|-----------------|--------------|---------------|------------------|
| ⋮ | Test App | 3dedcfae41a2a7e5e25df69fdf3b3bf5d 37fefef0f8e899587c5b0b2e3fa4cce Copy | App description | oob ⓘ | View | 2020/01/01 00:00 |

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Yahoo! JAPAN Business ID Terms of Use

 -

Disclaimer

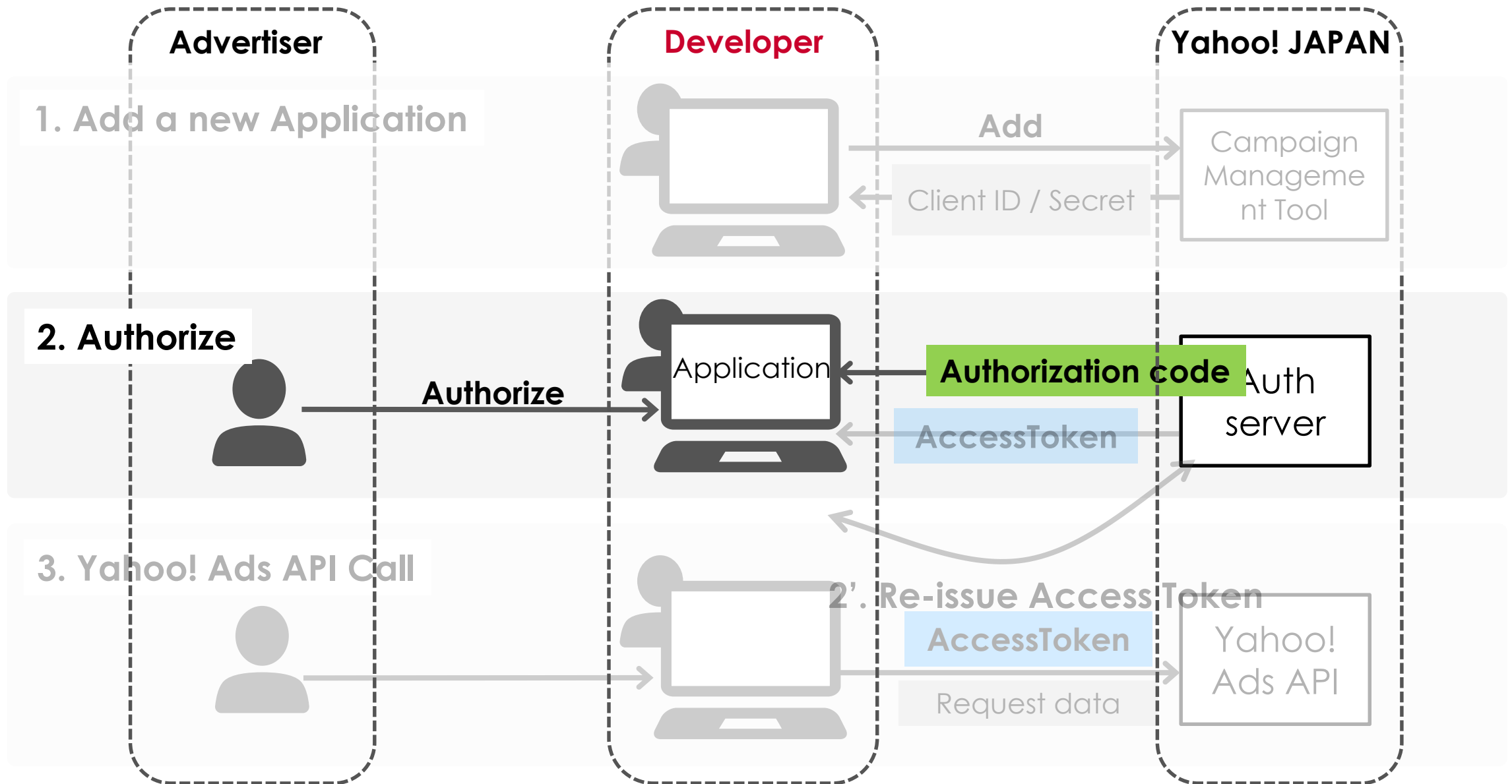
 -

Help

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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



[2. Authorize]

Do you approve the access to Yahoo! Ads from Test App?

Yahoo! JAPAN Business ID test-business-id

Allowed access to Yahoo! Ads

| Operation by each function of Yahoo! Ads via applications.

Approve

Reject

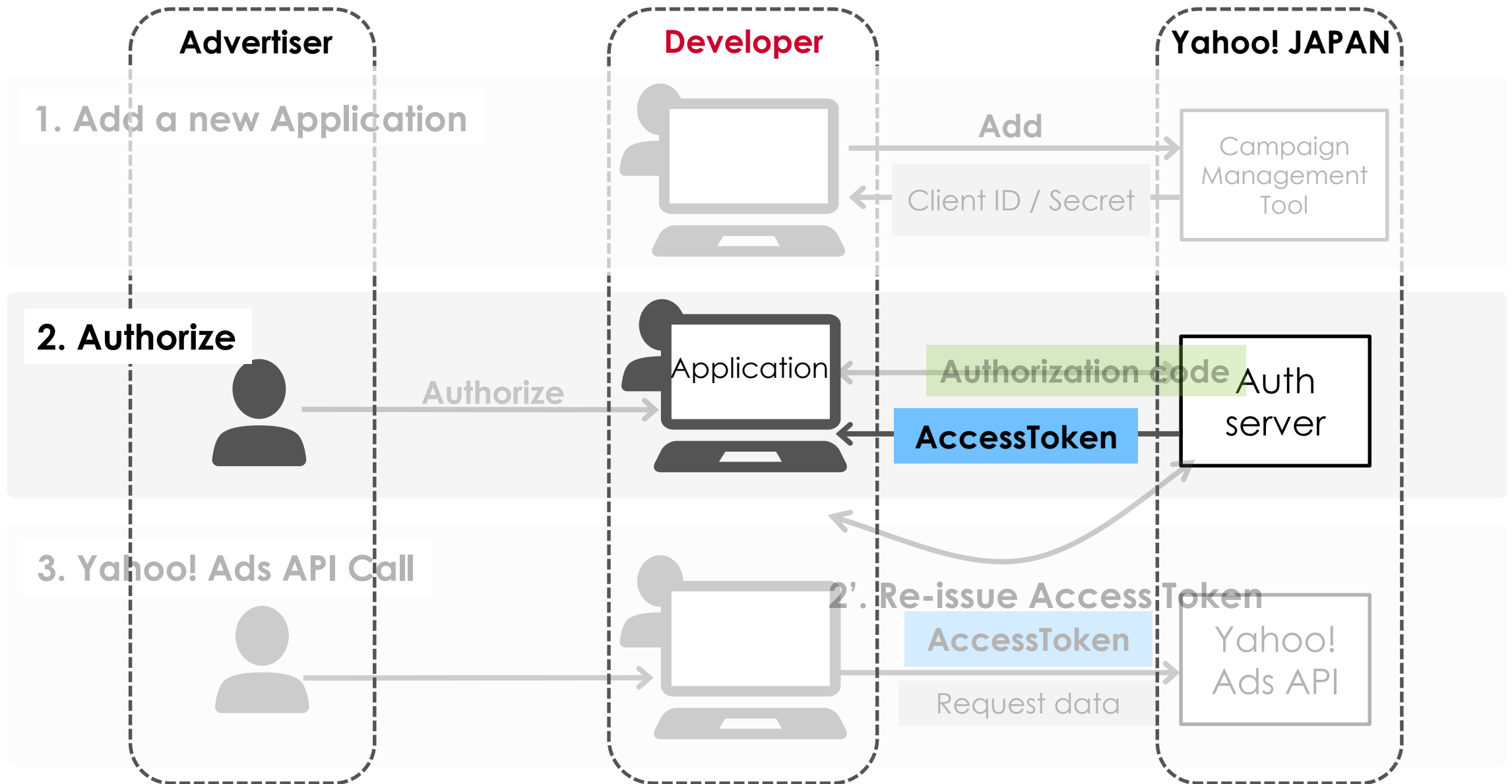
Access from Test App has been approved.

Authorization code 7ea4734f624b69b5

Copy

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)

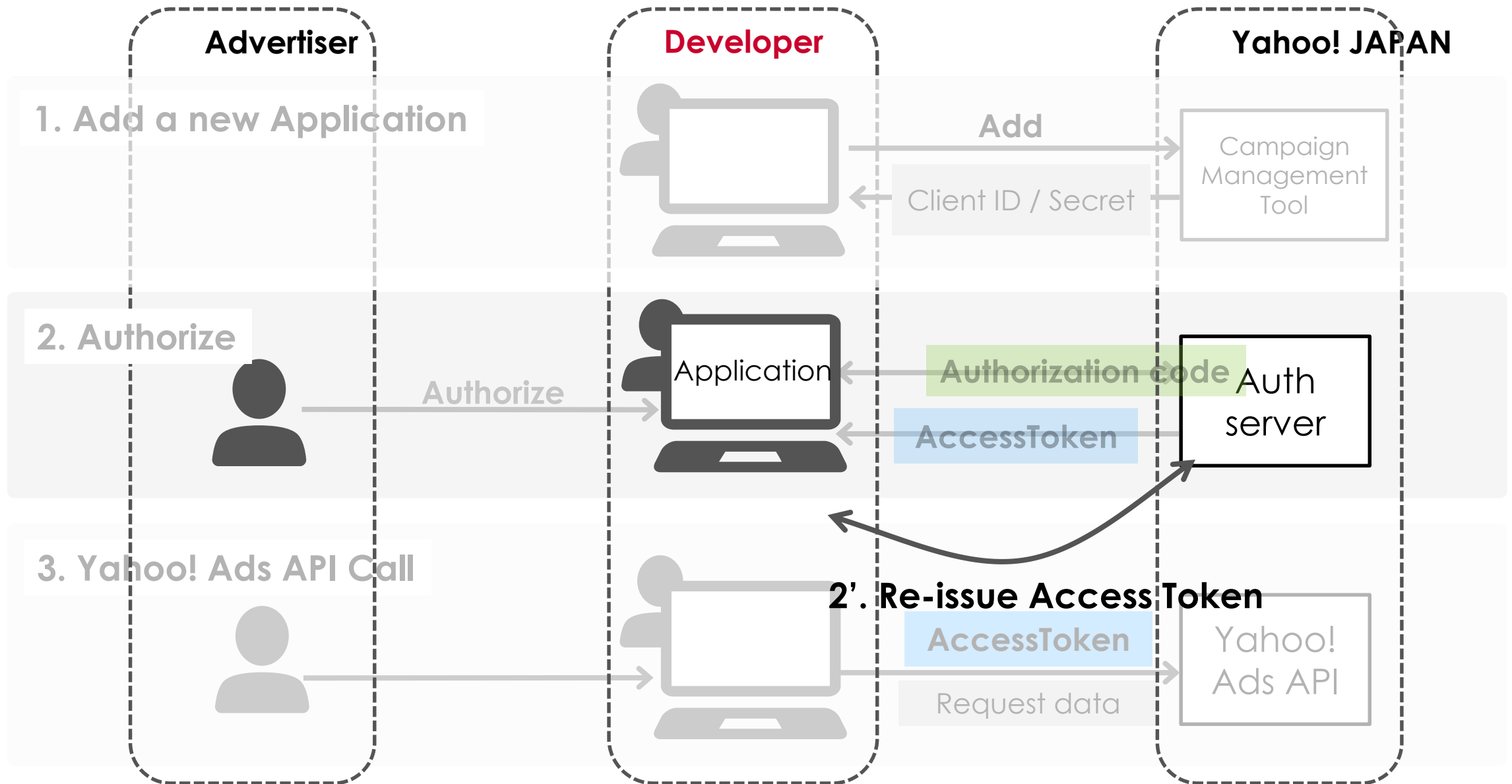


```
{  
  "access_token": "xxxx",  
  "expires_in": 3600,  
  "refresh_token": "yyyy",  
  "token_type": "Bearer"  
}
```

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

[2. Re-issue Access Token]

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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

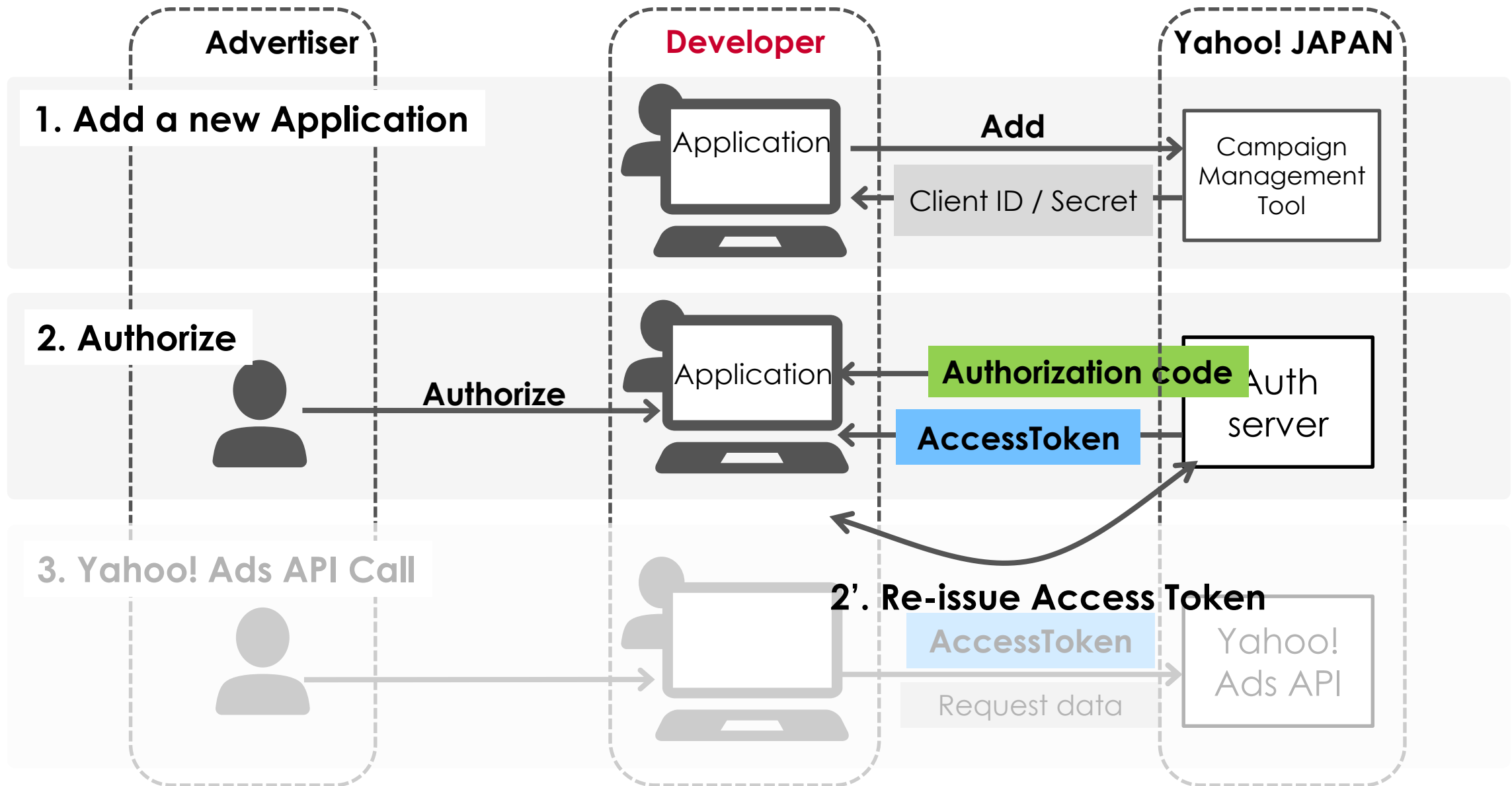
Enter **Refresh Token**

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

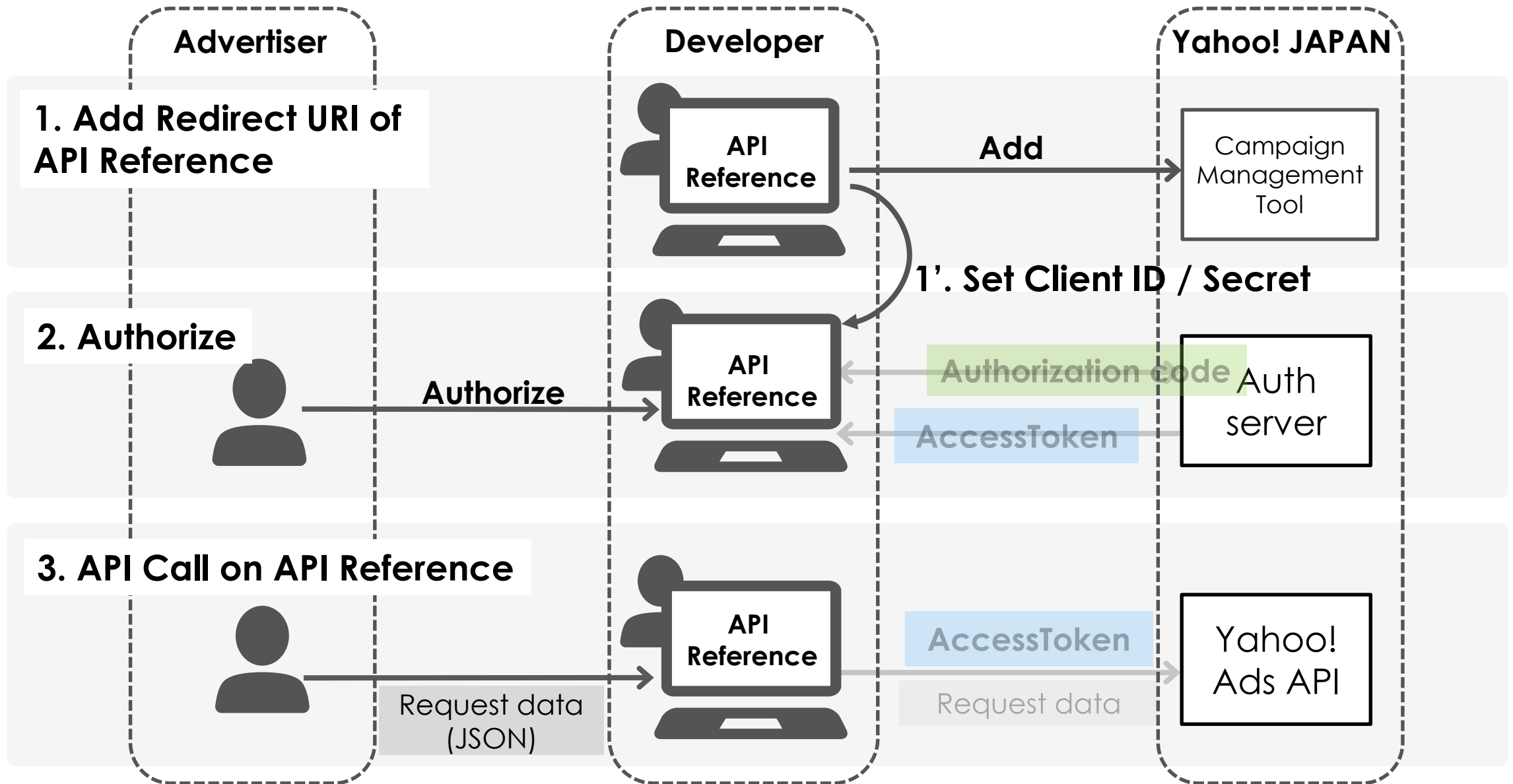
The screenshot shows the Yahoo! Ads API Reference website. The header includes the Yahoo! Ads JAPAN logo and links to DeveloperCenter and Yahoo! JAPAN. The main navigation bar shows 'API Reference β version' and a language selector for Japanese. Below this, there are tabs for 'Search Ads API Reference v0' and 'Display Ads API Reference v0'. A sidebar on the left lists various API services, with 'AdGroupAdLabelService' selected. The main content area displays the title 'Yahoo! Ads Display Ads API Reference β Version' and a link to the design document. A semi-transparent overlay is positioned in the center, containing the following text:

Yahoo! Ads API Reference

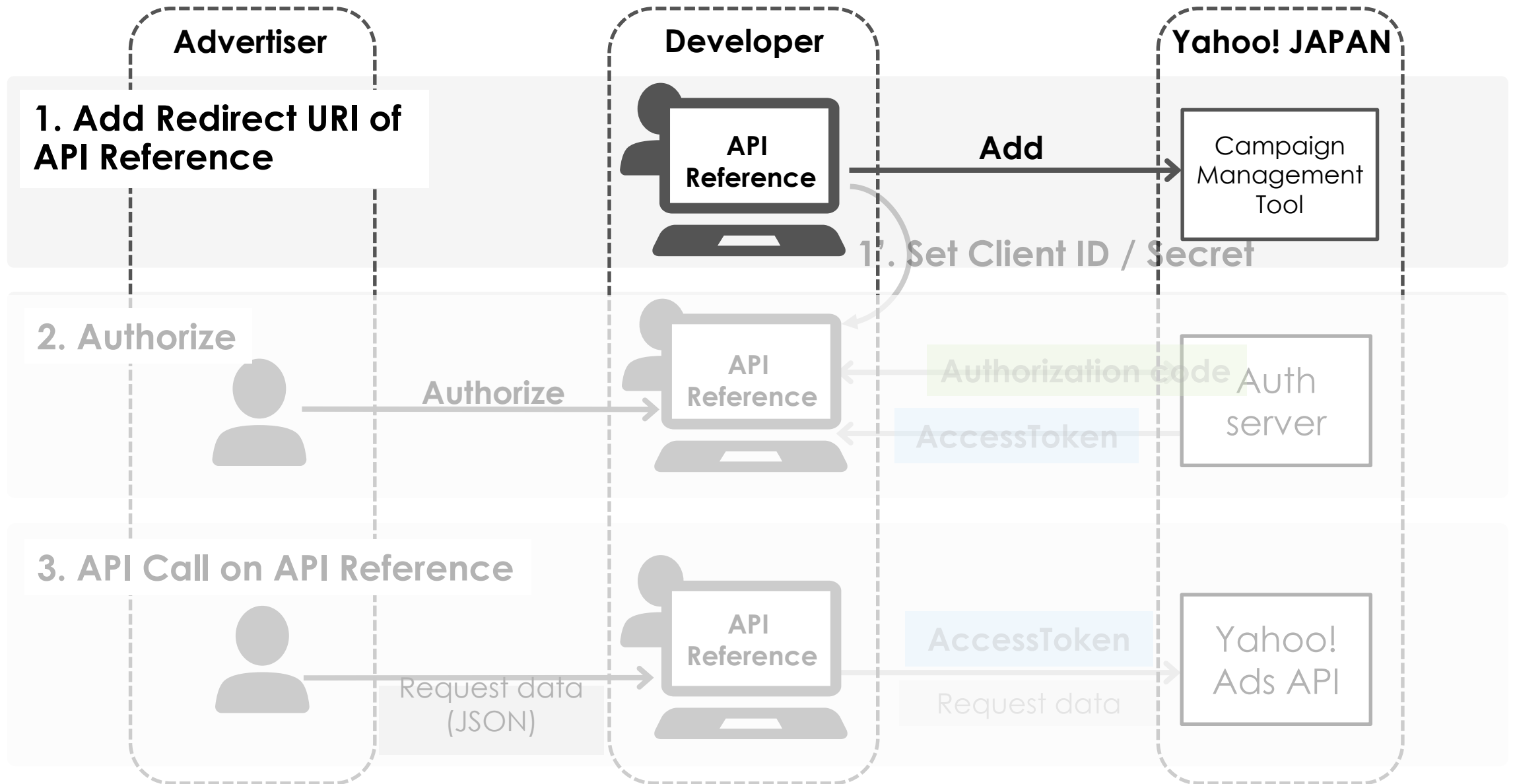
- **API Specifications**
- **API Call trial (Browsing endpoint only)**

Display Ads:
<https://yahoojp-marketing.github.io/ads-display-api-documents/>

Search Ads:
<https://yahoojp-marketing.github.io/ads-search-api-documents/>



[1. Add Redirect URI of API Reference]



[1. Add Redirect URI of API Reference]

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Add an app on Add a new Application screen
<https://connect-business.yahoo.co.jp/client/list>

YAHOO! Ads JAPAN

Authorized applications Added applications

Added applications

[Add a new](#)

| | Application name | Client ID | description |
|--|------------------|--|-------------|
|  | Test App | 3dedcfae41a2a7e5e25df69fdf3b3bf5d 37fefef0f8e899587c5b0b2e3fa4cce | App descrip |
| Edit | | Copy | |
| Regenerate client secret | | | |
| Remove | | | |

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Copyright (C) 202

API Reference Redirect URI:
<https://yahoojp-marketing.github.io/ads-display-api-documents/oauth2-redirect.html>

YAHOO! Ads JAPAN

Edit Application

All of items on this page are required.

Application name 8/30

This information is shown for application users.

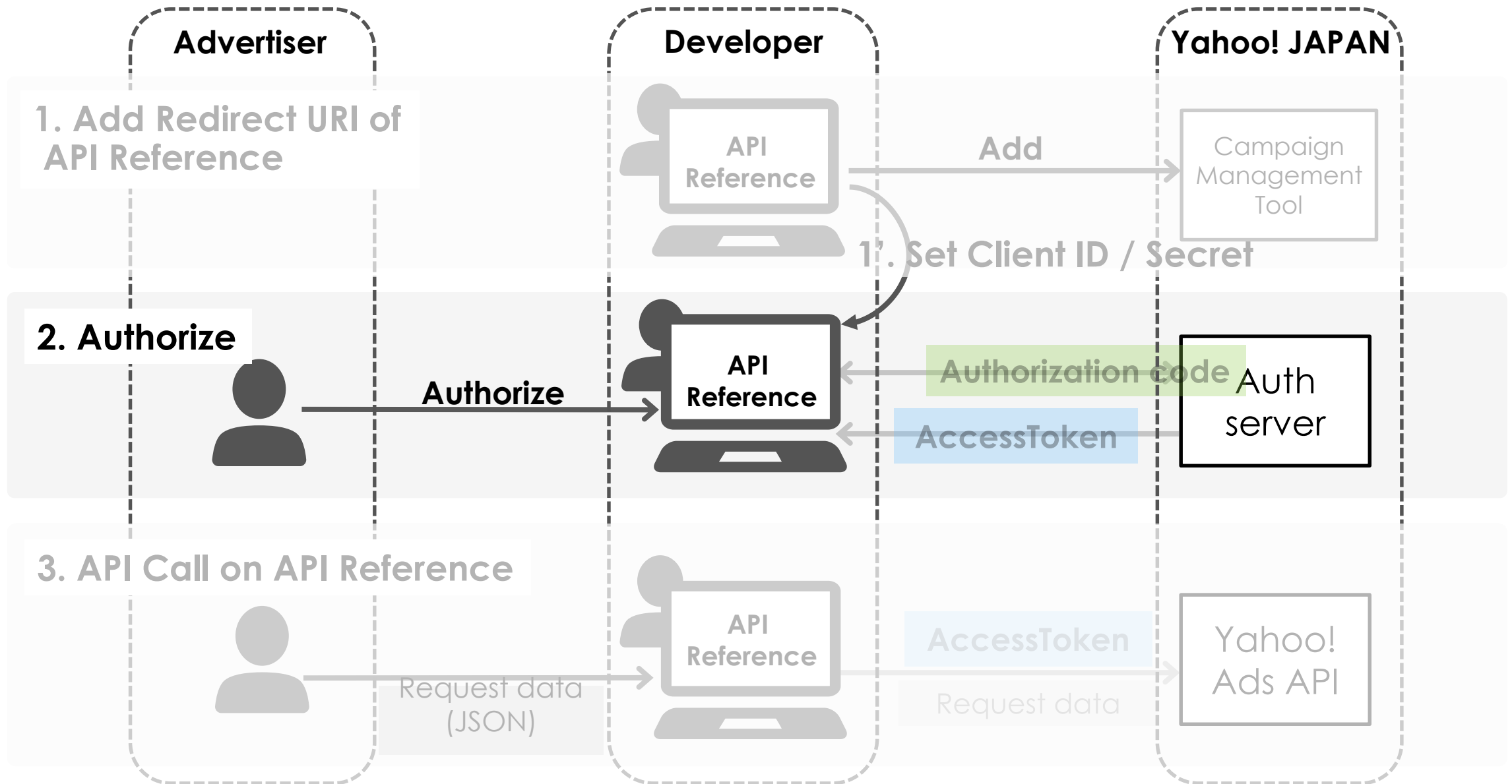
Redirect URI [+ Add](#) 3/500

X 82/500

Enter the URI to redirect to your application after authorized.
Click "Add" button to add URI, up to 10.
If you have no redirect URI, enter "oob" on this field.

[Complete](#) [Cancel](#)

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[1'. Set Client ID / Client Secret]

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Yahoo! Ads Display Ads API Reference:
<https://yahoojp-marketing.github.io/ads-display-api-documents/>

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](/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

[documents/oauth2-redirect.html"](#)

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

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)

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:

feacd3fdf7f6de51eb8c6e

client_secret:

dea9186bc99356e288a4c

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! Ads via applications.

Authorize >

Close >

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

Allow several operations of Yahoo! Ads

[2. Authorize]

Do you approve the access to Yahoo! Ads from Test App?

Yahoo! JAPAN Business ID test-business-id

Allowed access to Yahoo! Ads

 | Operation by each function of Yahoo! Ads via applica

Approve

Reject

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: *****

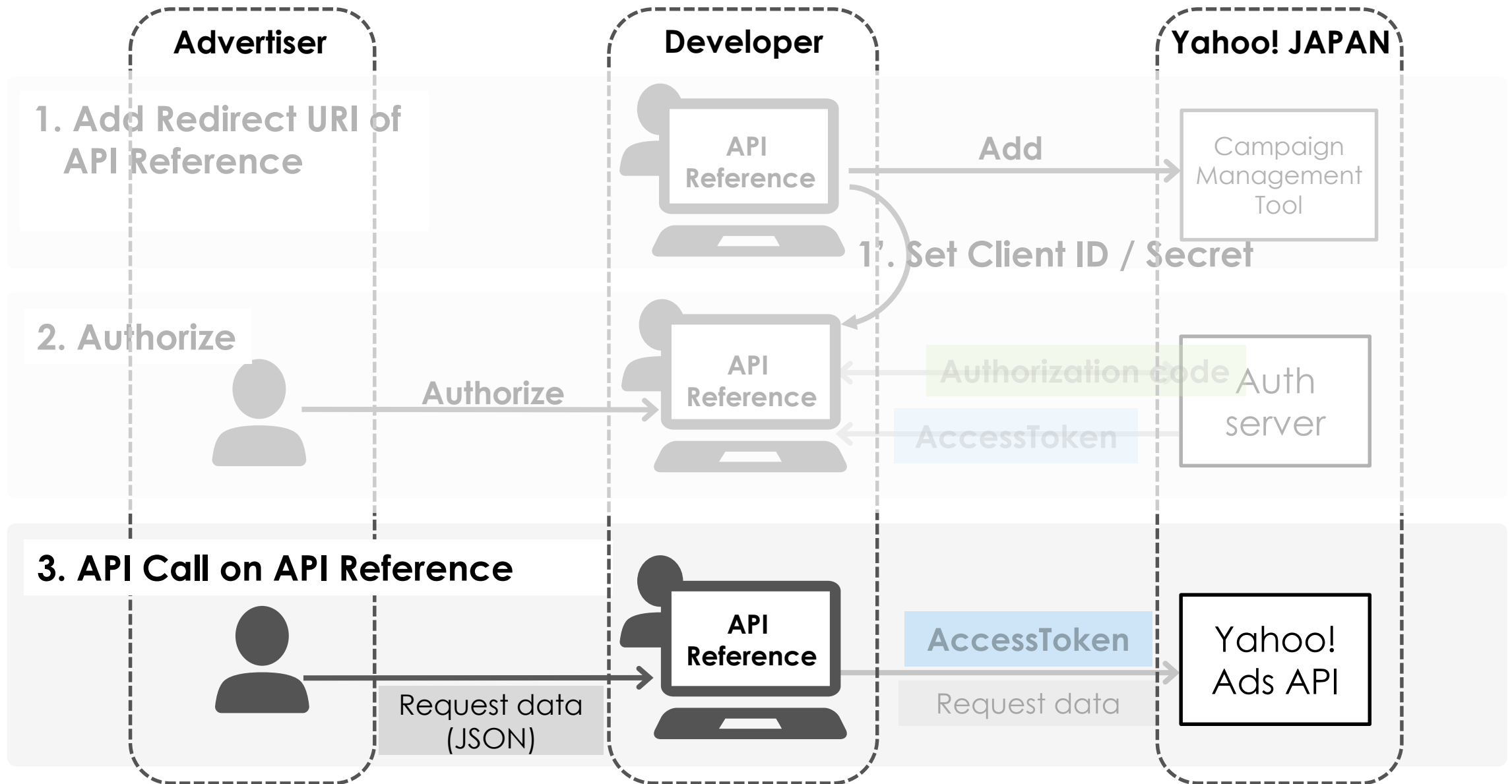
client_secret: *****

Logout >

Close >

API Reference Redirect URI:

[3. API Call on API Reference]



[3. 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

[3. 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

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

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Disclosure

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": "EXCLUDED",
  "numberResults": 0,
  "startIndex": 0
}
```

Edit >

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

[3. 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
- > FeedSetService
- > LabelService
- > MediaService
- > PlacementUrlIdeaService
- > PlacementUrlListService
- > ReportDefinitionService
- > RetargetingListService
- > RetargetingTagService

Parameters

No parameters

Request body

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

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

[Cancel >](#) [Reset >](#)

Execute

Responses

Enter JSON { "includeTestAccount": "ALL" }

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

Search Ads API Reference v0

Display Ads API Reference v0

> AccountAdProductService

200

> AccountService

"authType": "UPDATABLE"

○ Role of **ad account**
× Role of access token

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  
}
```

JSON response can be checked on API Reference

Download

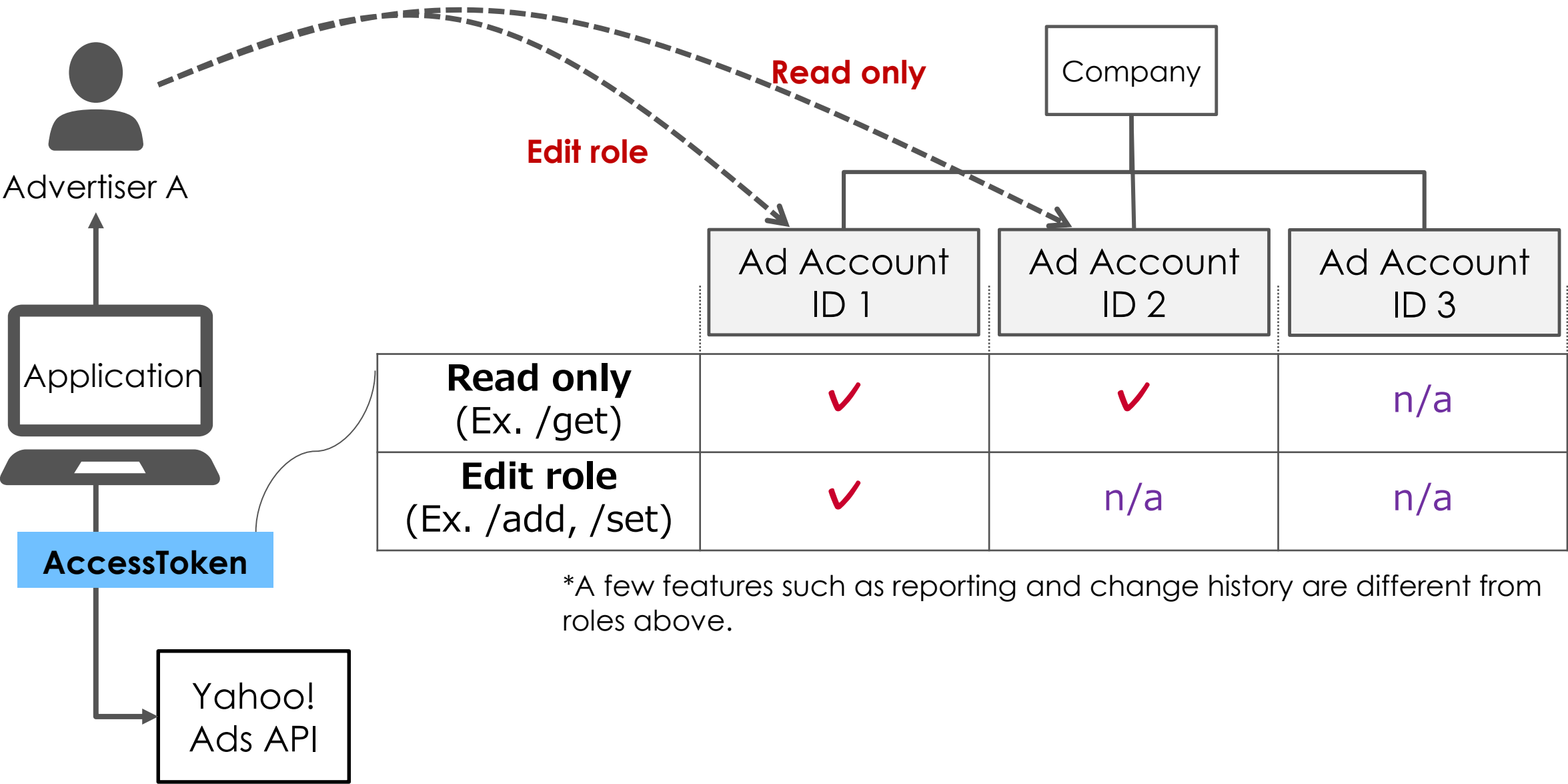
Response headers

```
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
```

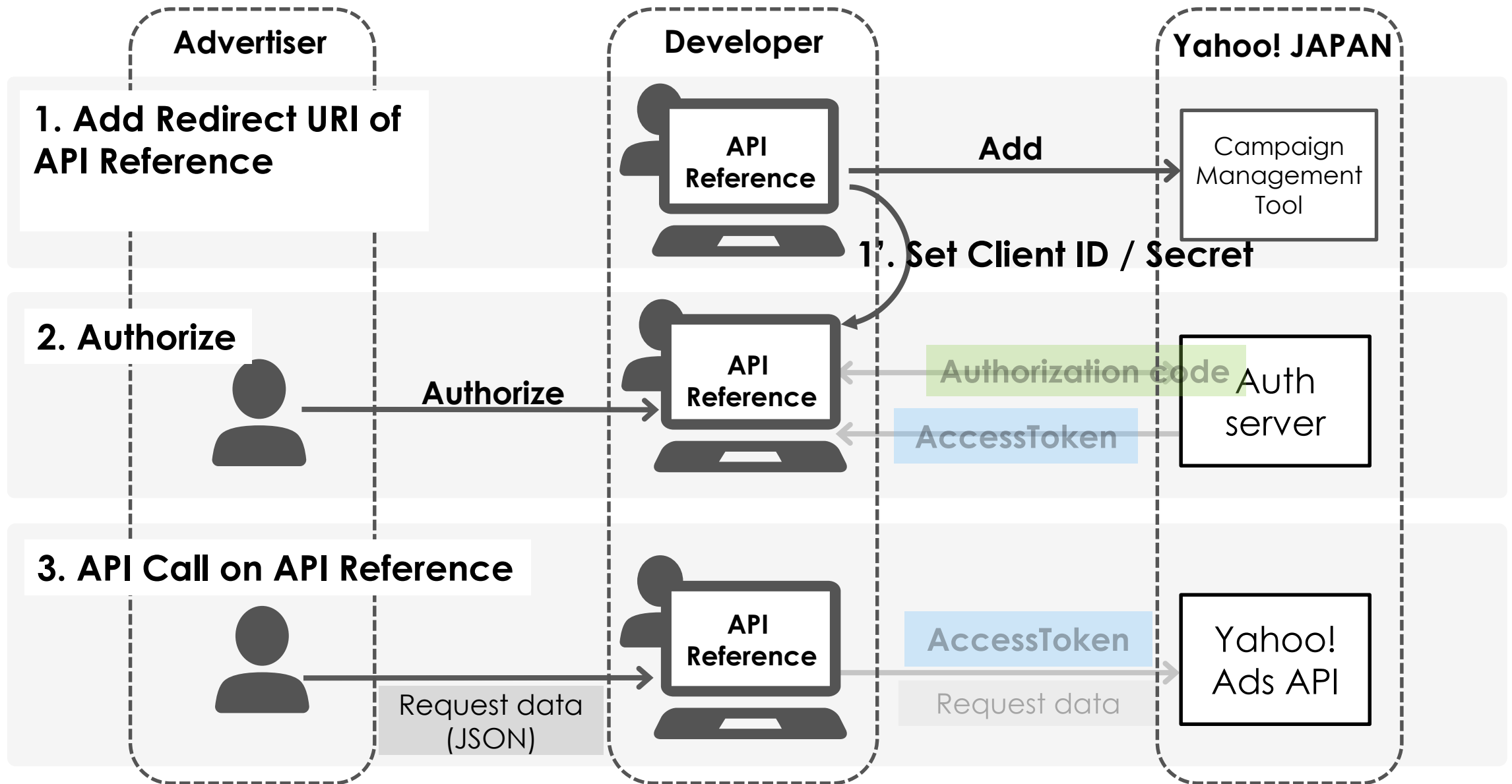
Responses

| Code | Description |
|------|--------------------------|
| 200 | <div>► Error Codes</div> |

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! 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

| | 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/>