Limited
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Authorization Hands-on training

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Authorization Hands-on , Agenda

Limited Disclosure

- 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)

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Yahoo! Ads API Authorize and API Call

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

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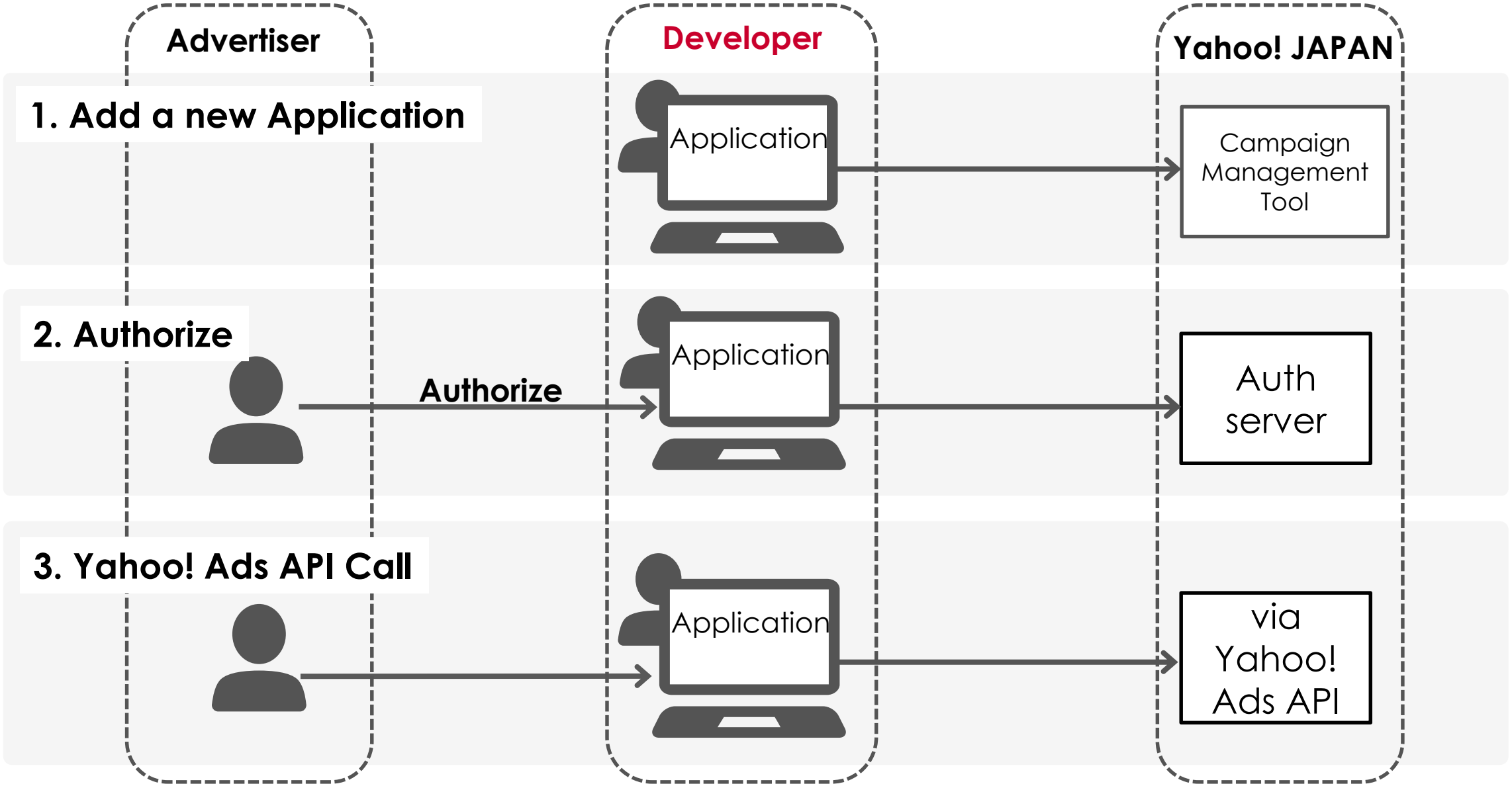

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Case : Tool Providers

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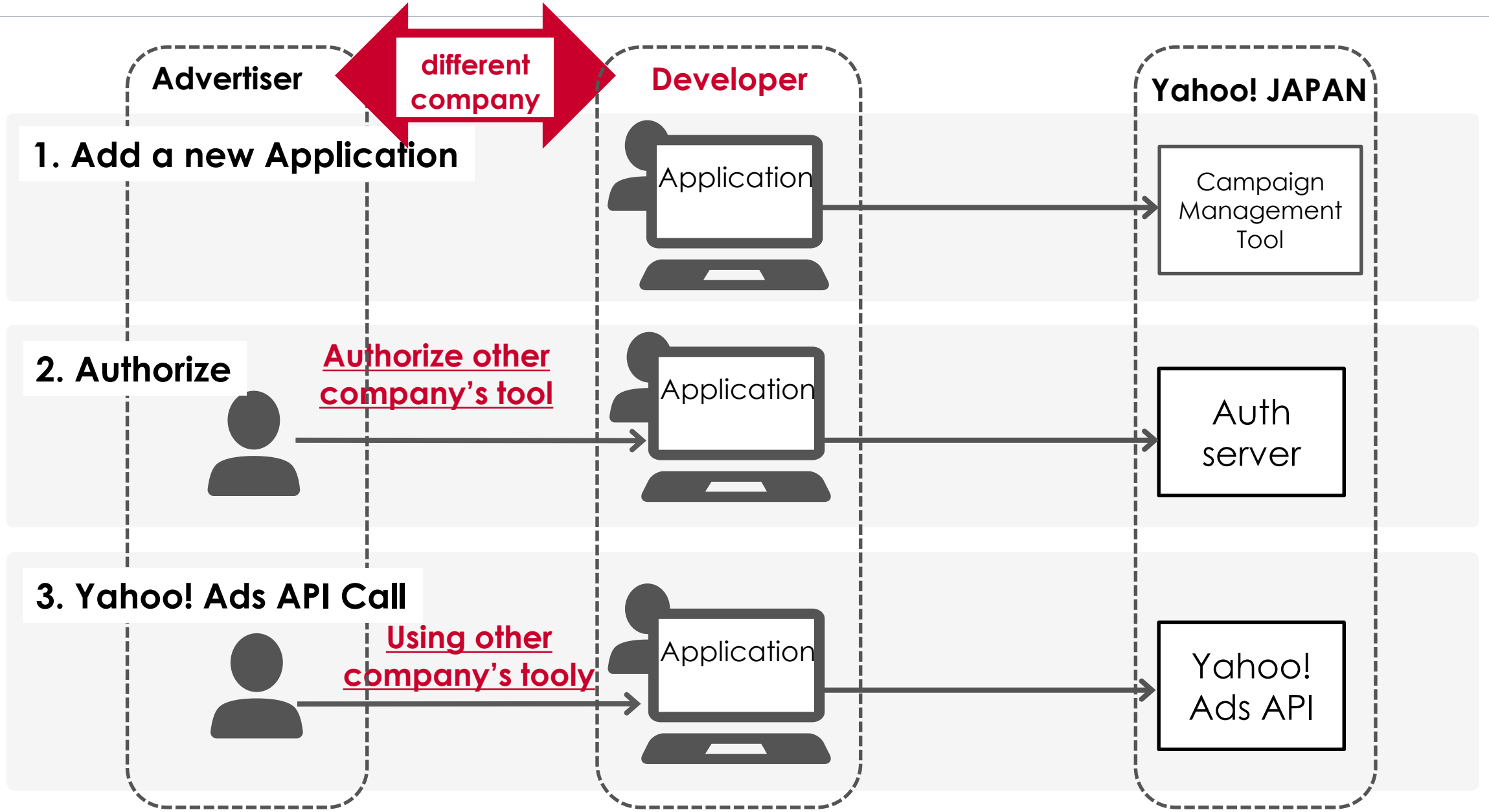

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Case : Agencies

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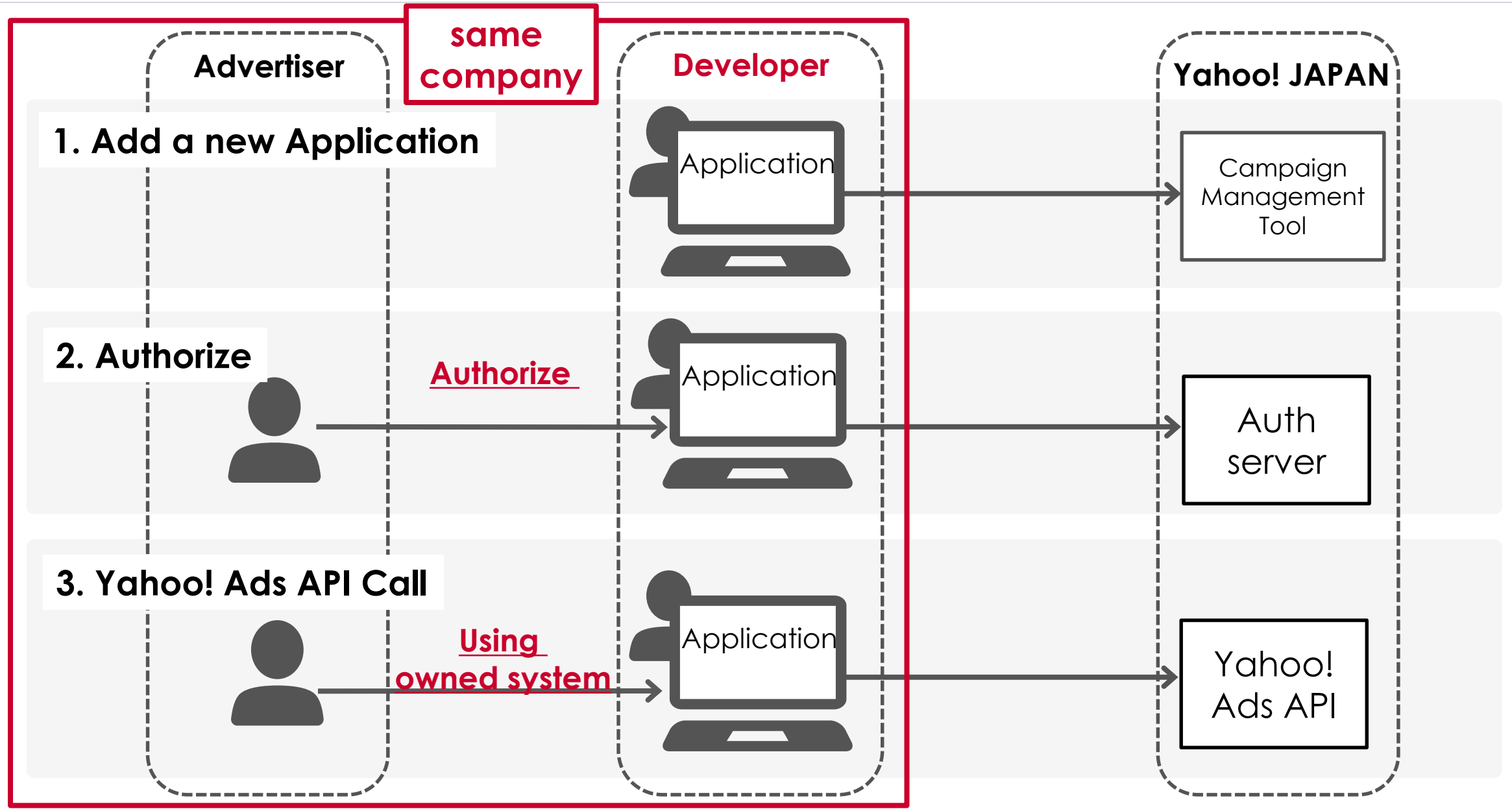

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Yahoo! Ads API Authorize (OAuth 2.0) and API Call

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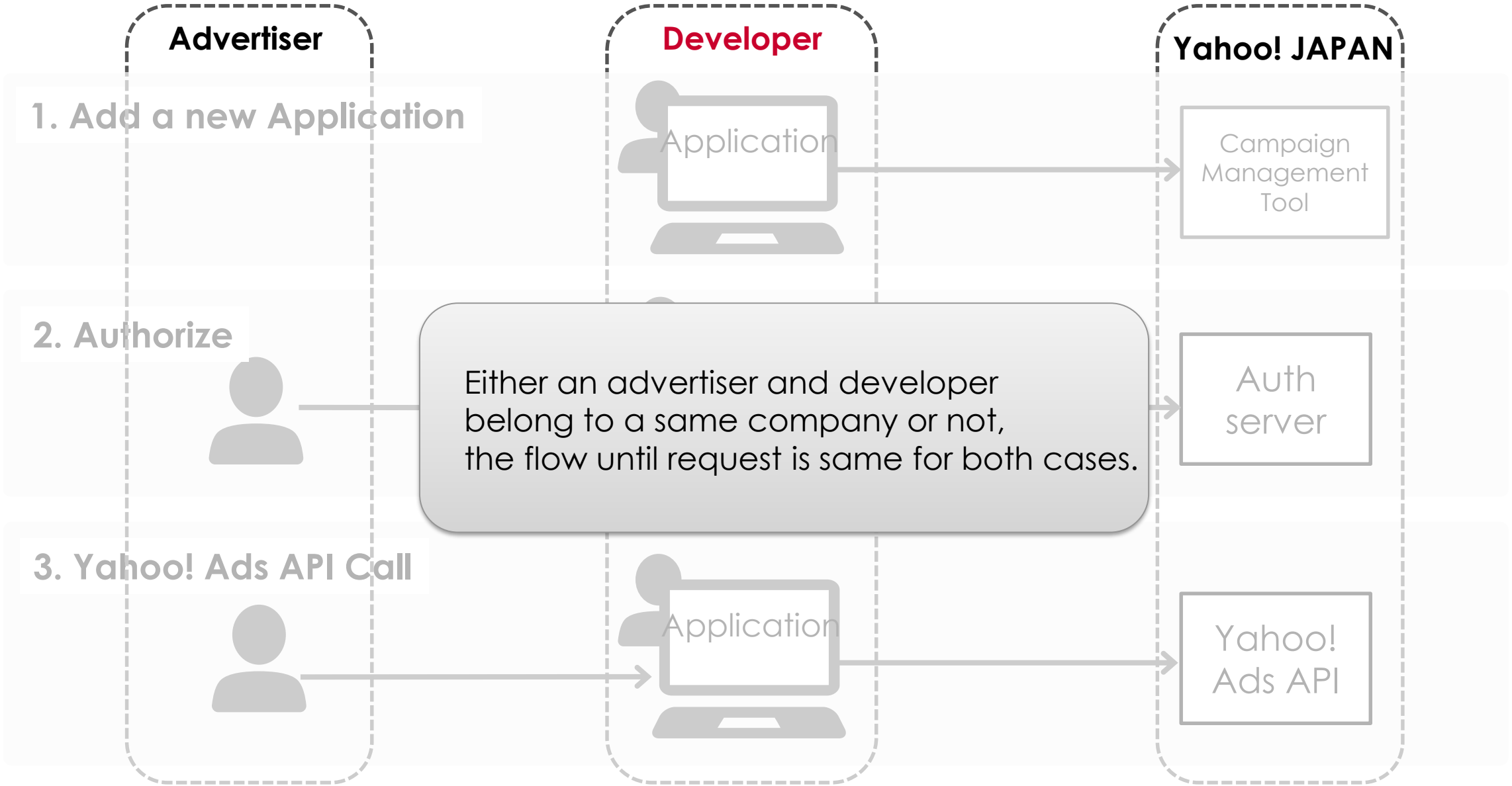

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Yahoo! Ads API Authorize (OAuth 2.0) and API Call

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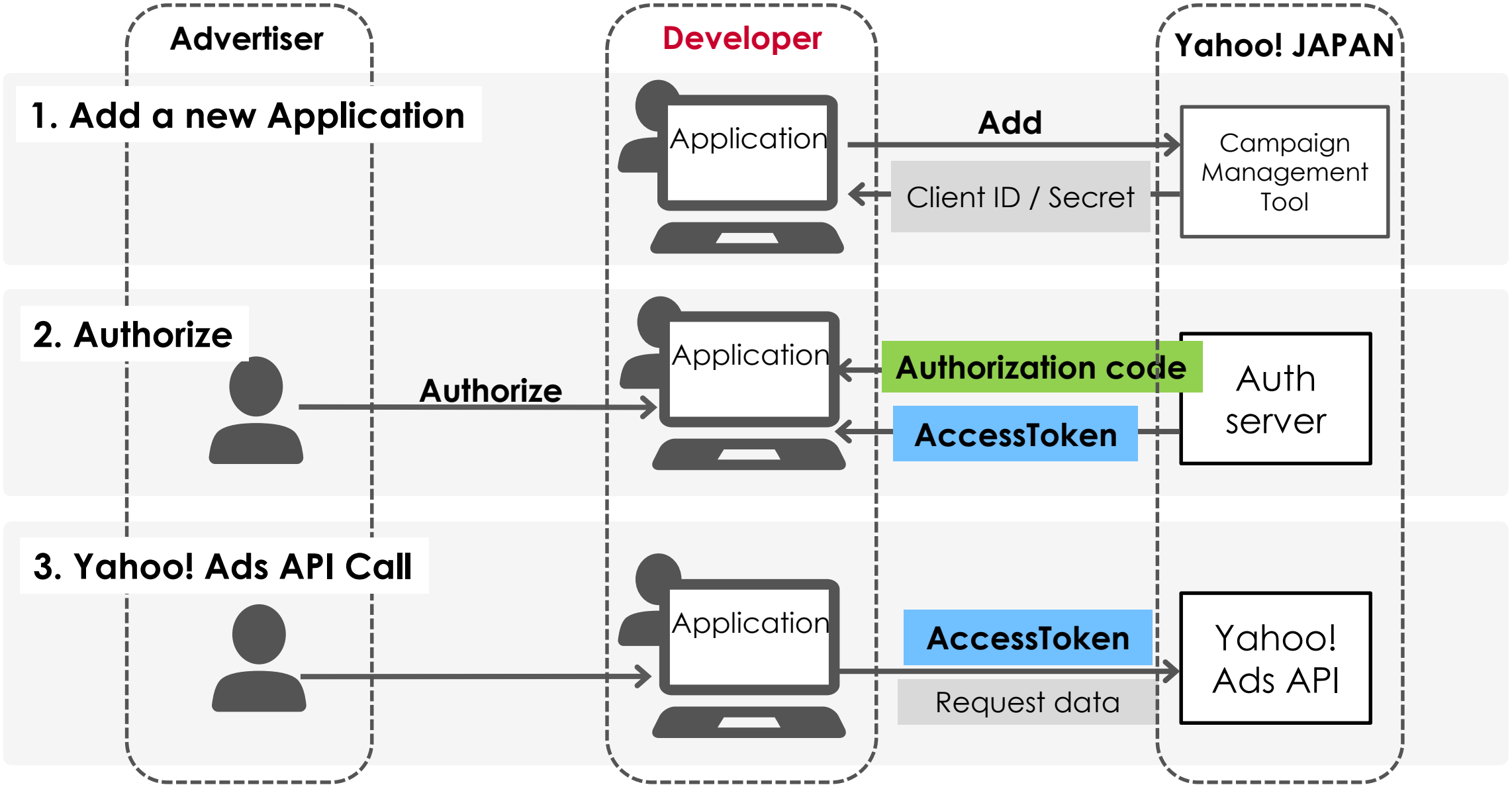

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Issuing Access Token

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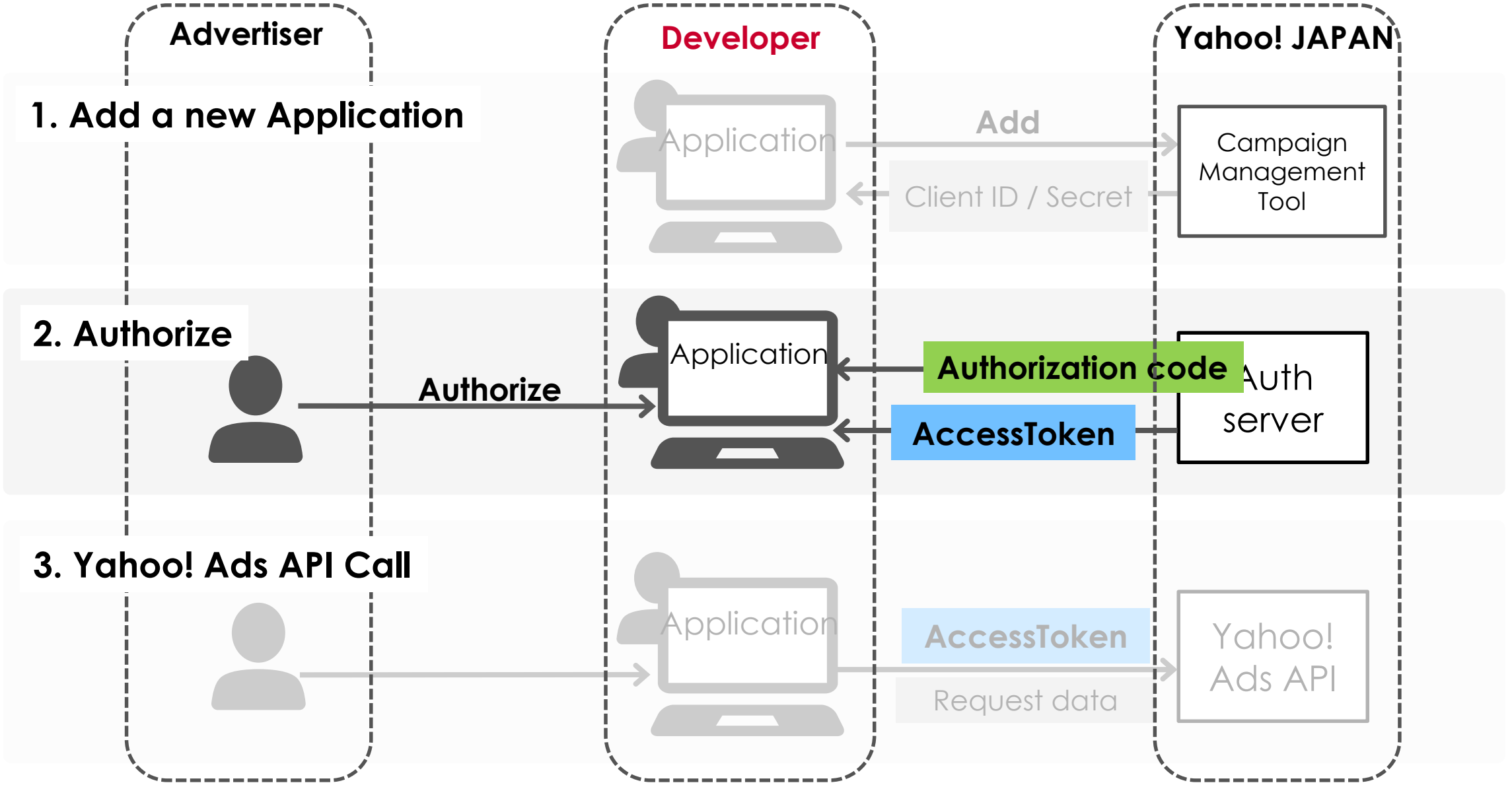

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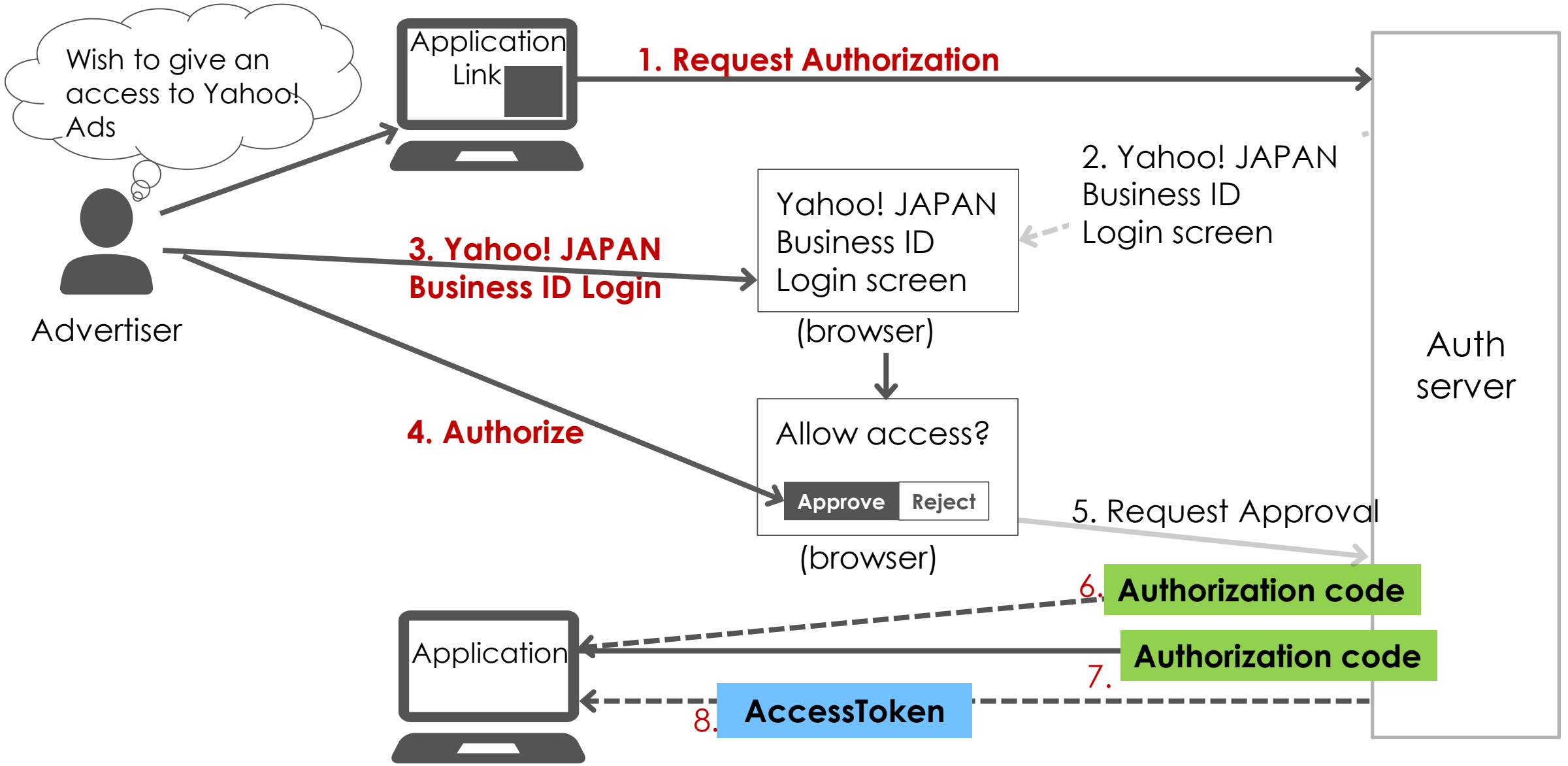
Issue Access Token (OAuth 2.0 Authorization code flow)

Limited Disclosure



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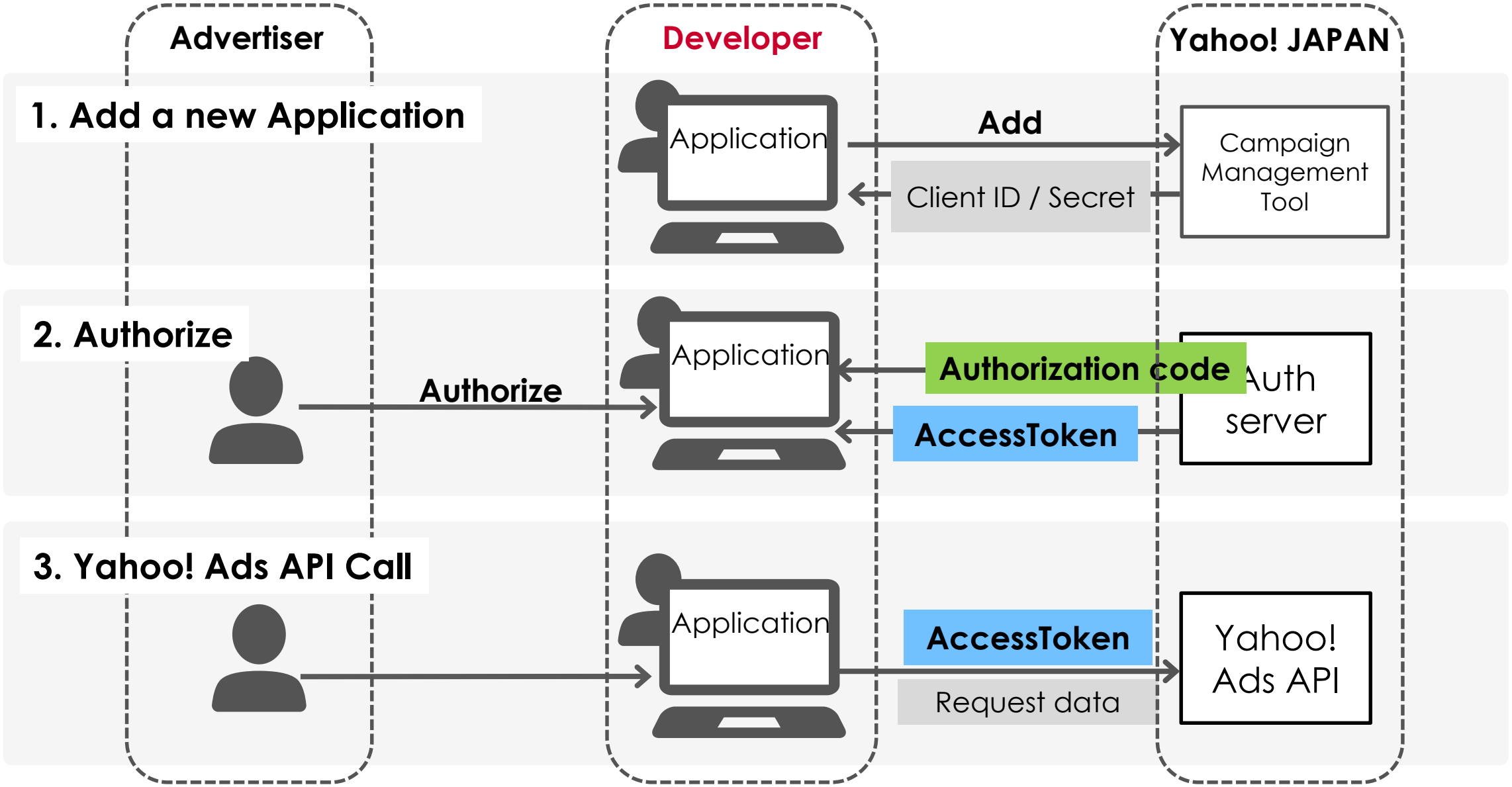
Yahoo! Ads API Authorize (OAuth 2.0) and API Call

Limited Disclosure



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Authorization Hands-on training

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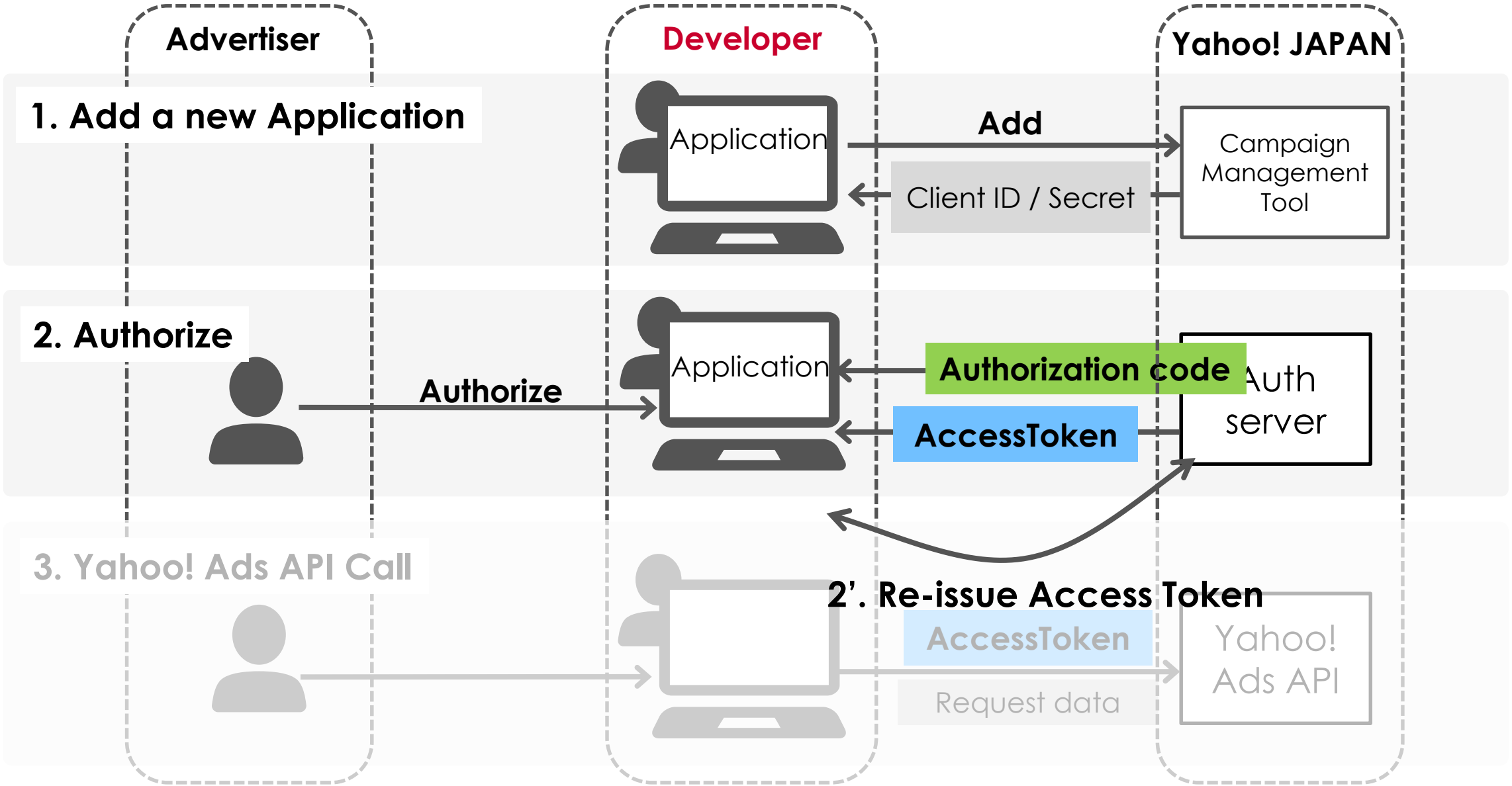
Hands-on training flow



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[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

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[1. Add a new Application]

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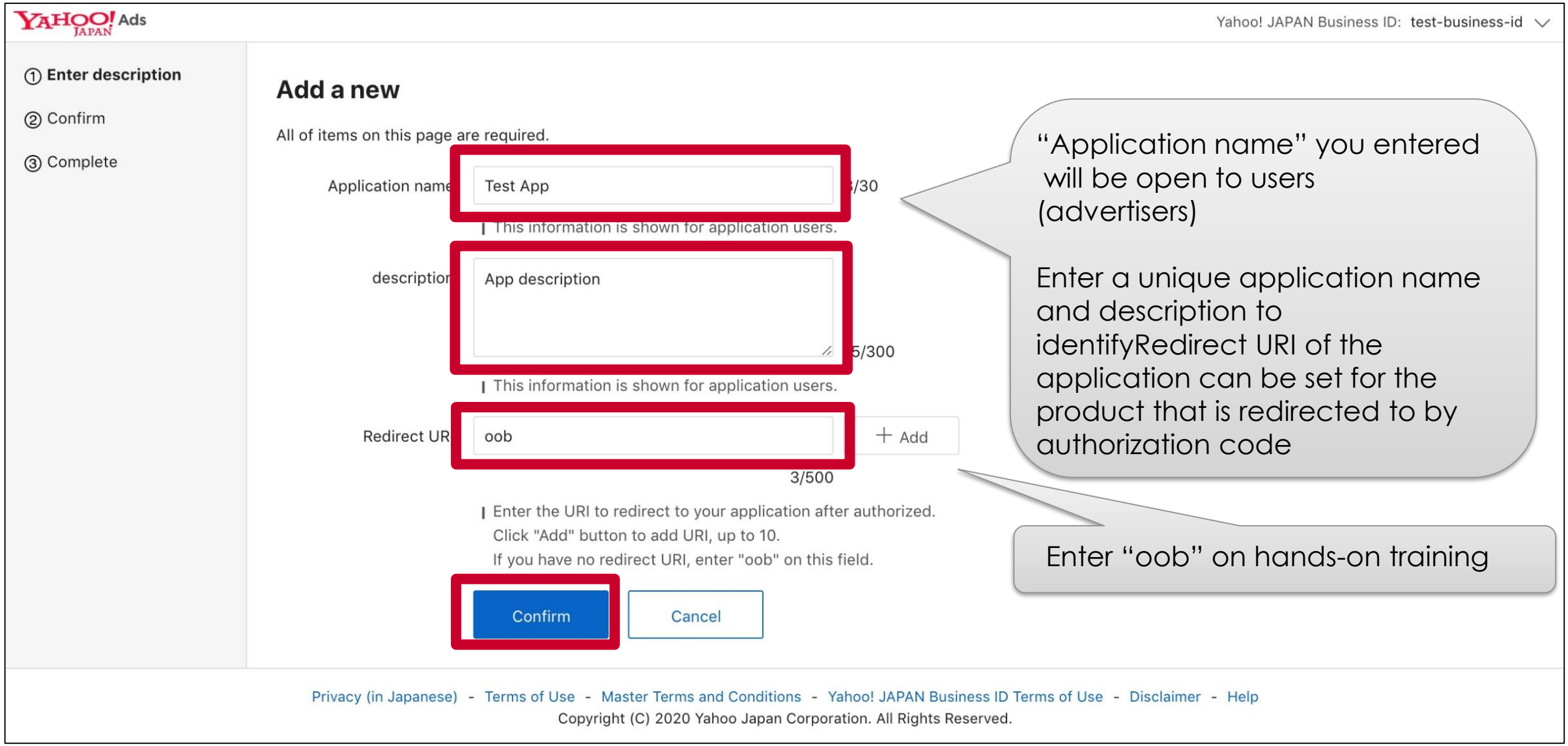

"Application name" you entered will be open to users (advertisers)

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]

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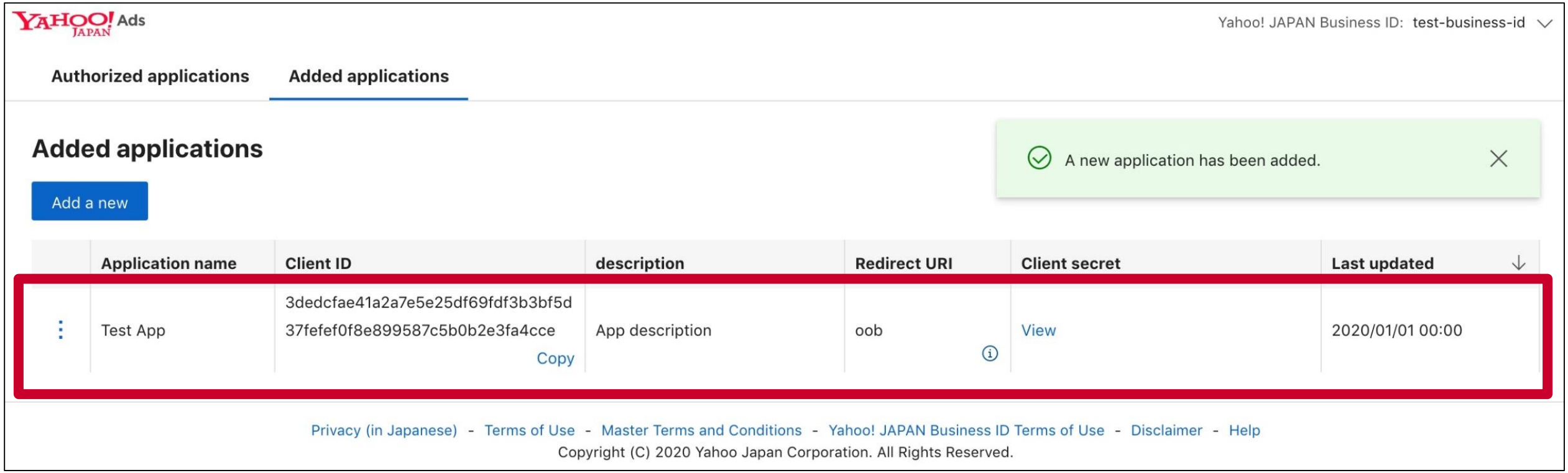

Please do not delete applications added by someone else during hands-on.

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[2. Authorize]

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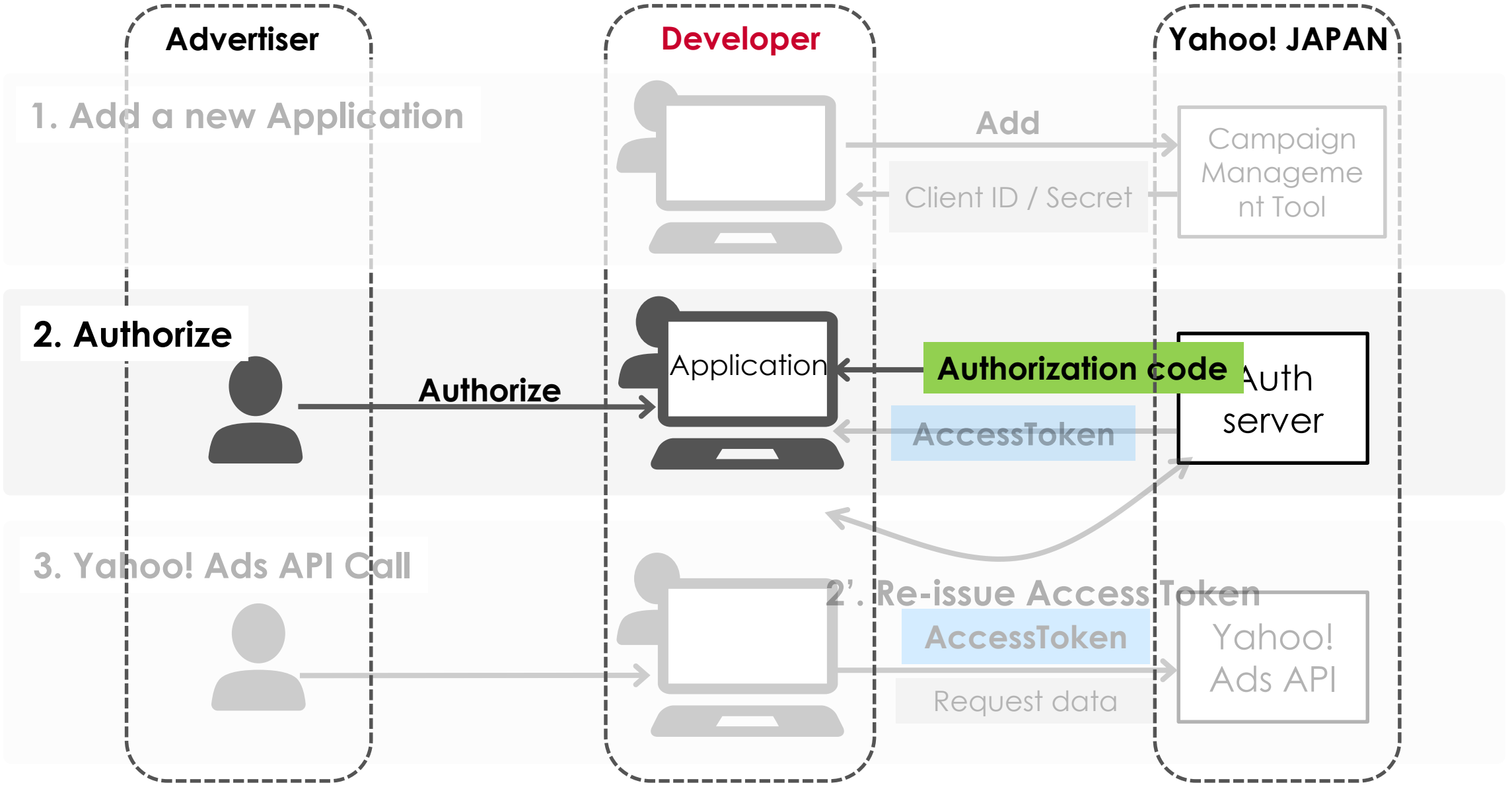

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[2. Authorize (Auth request)]

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

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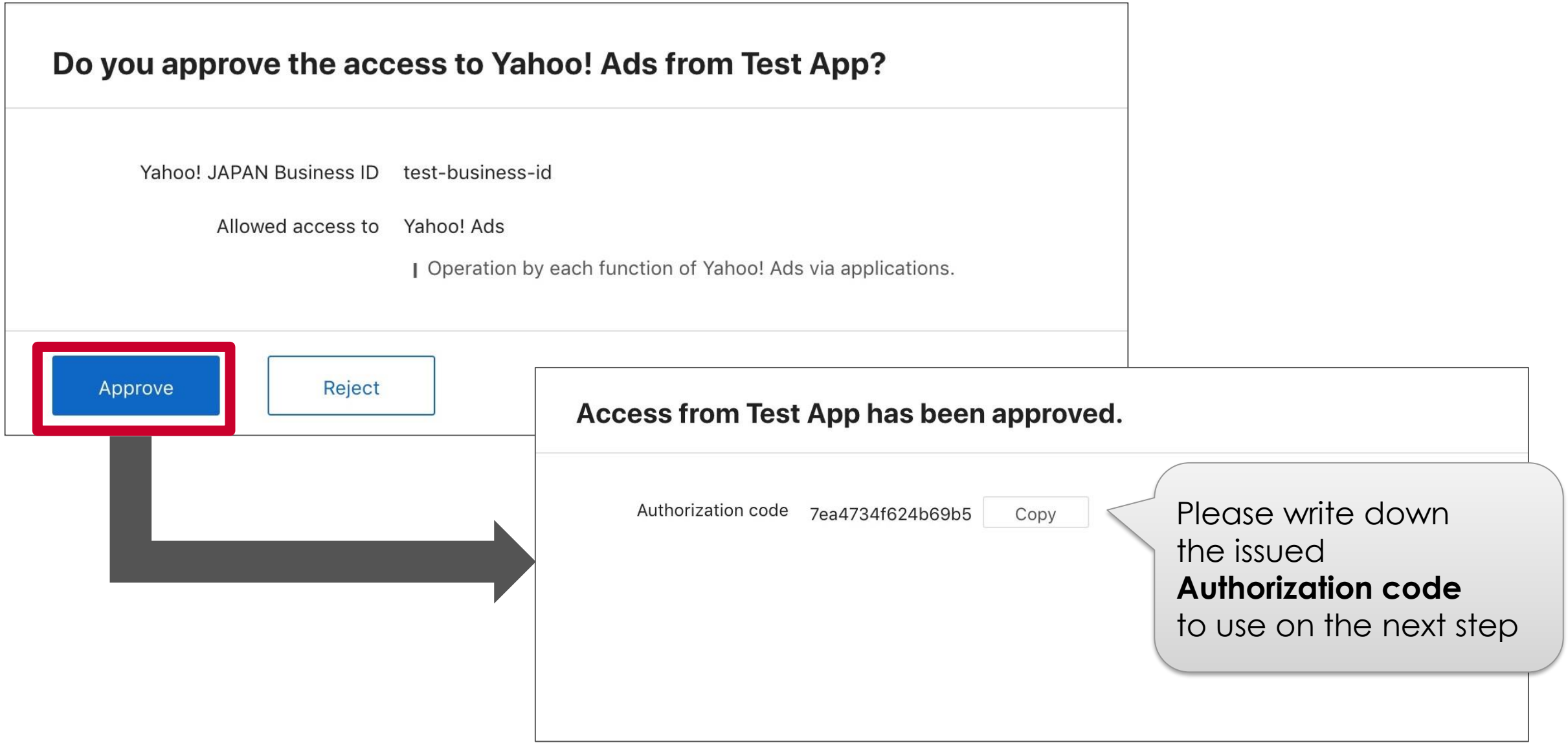
[2. Authorize]

Limited Disclosure



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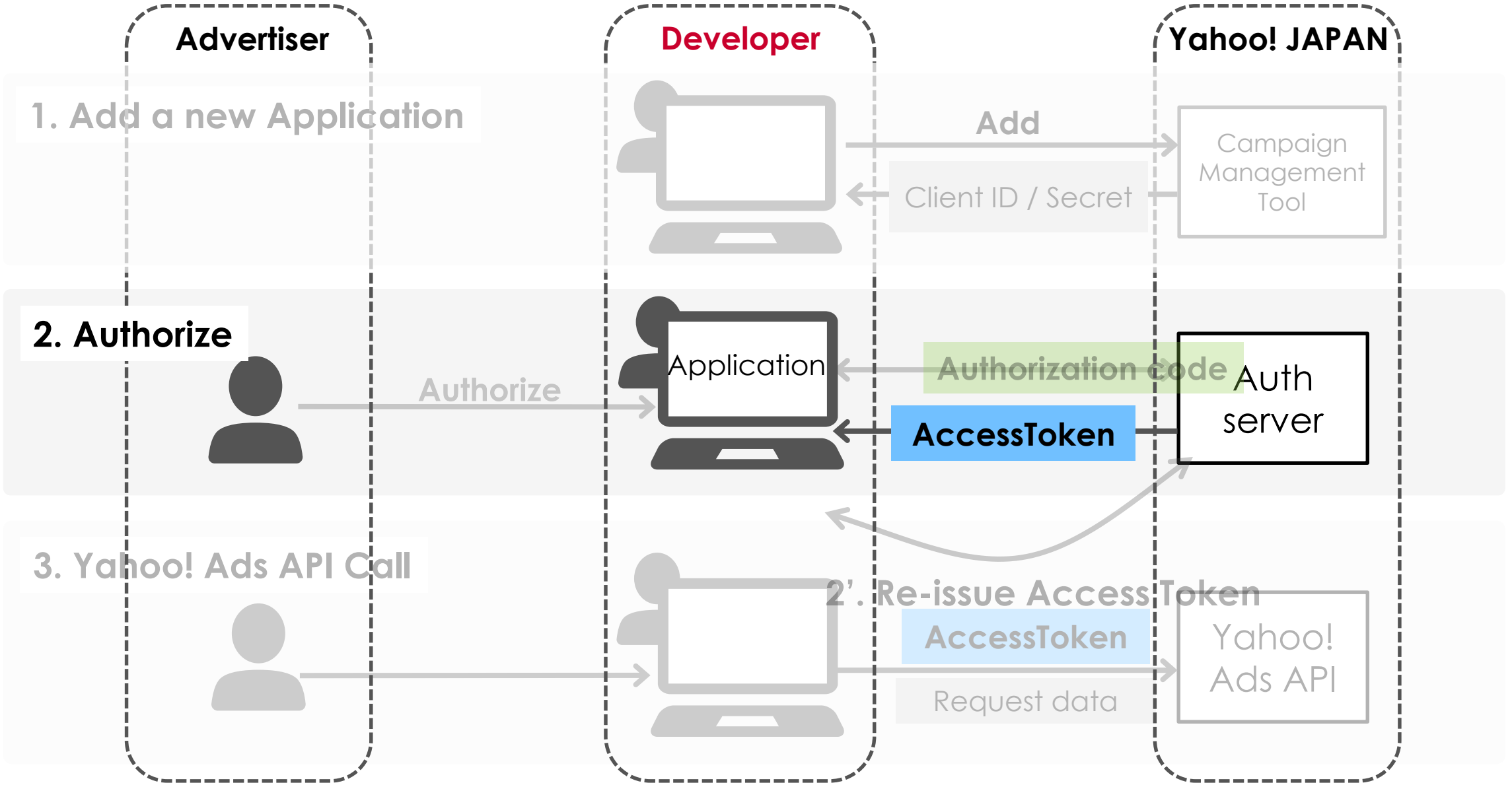
[2. Authorize]

Limited Disclosure



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[2. Issuing Token request]

Limited Disclosure

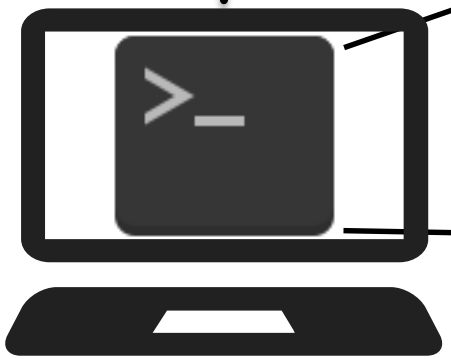
Issuing Toke Request URL:

```
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

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[2. Re-issue Access Token]

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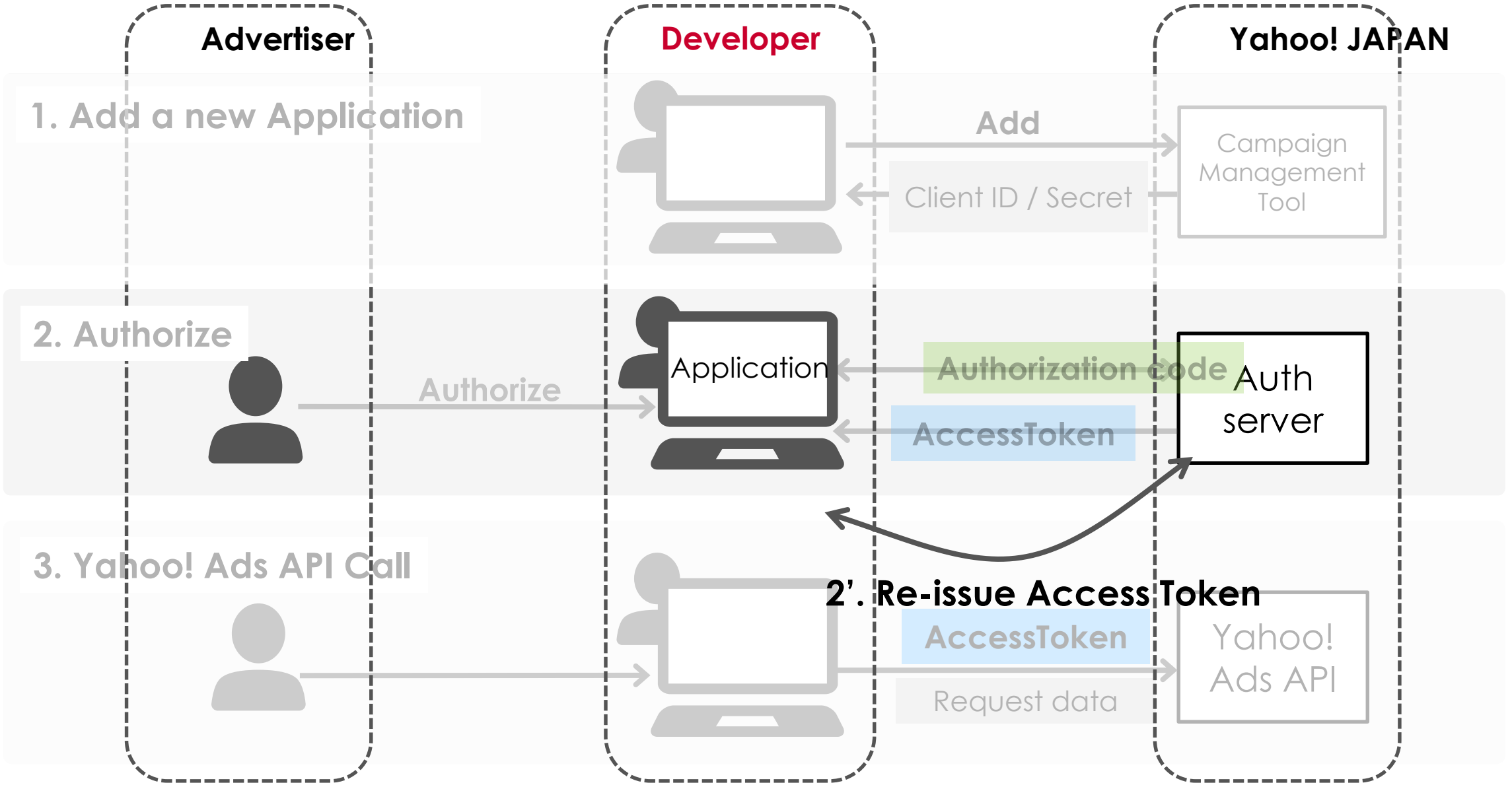

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[2. Re-issue Access Token]

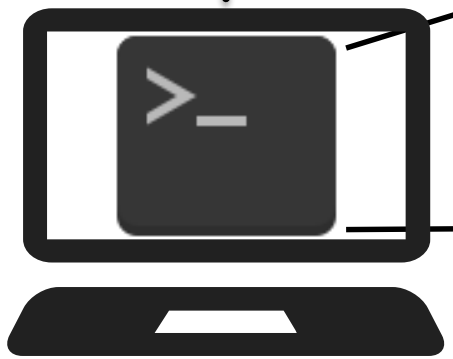
Re-issuing Access Token Request URL:

```
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.

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What you learned on this Hands-on training

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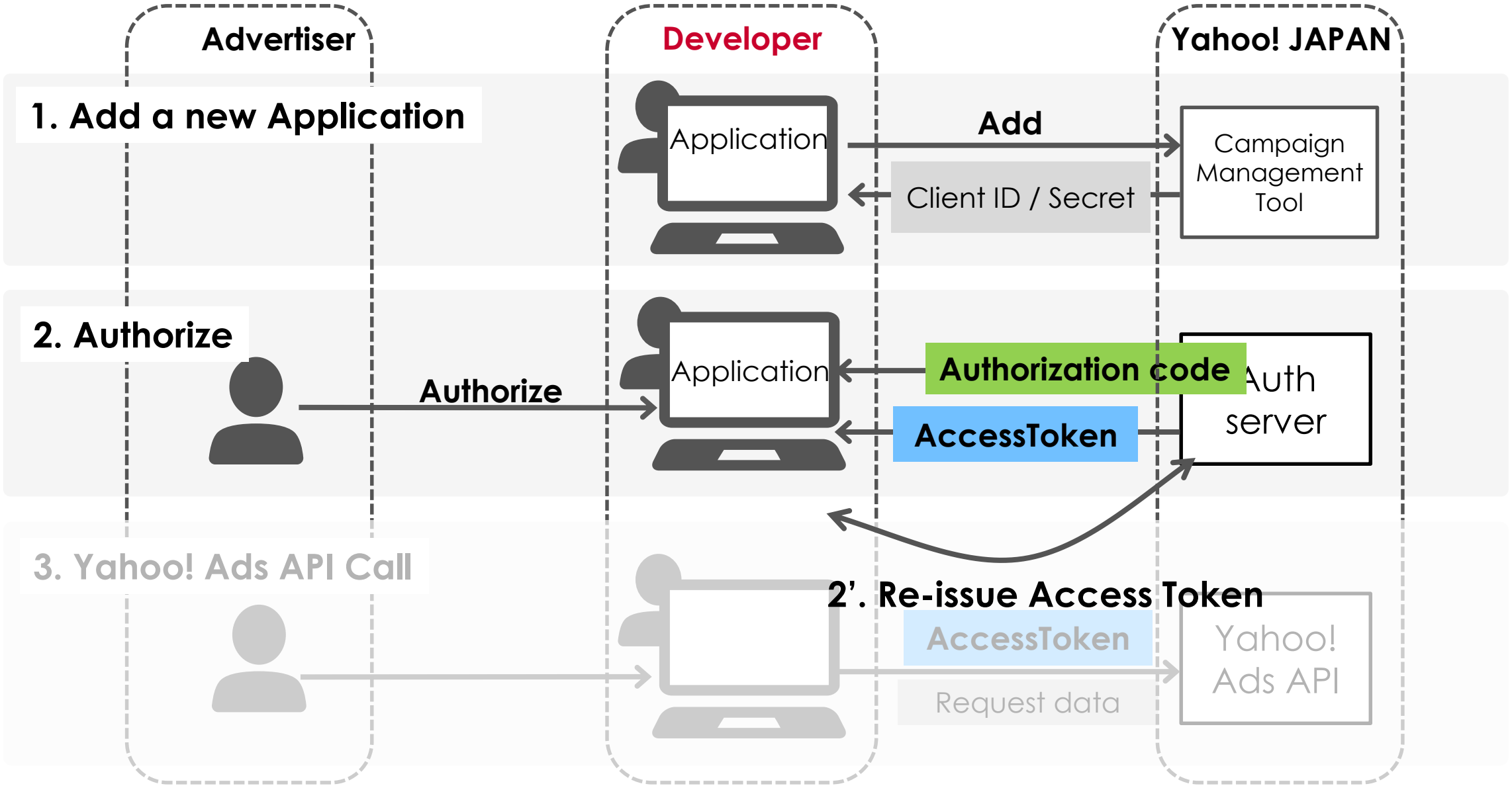

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API Call trial Hands-on training on API Reference

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Yahoo! Ads API Reference

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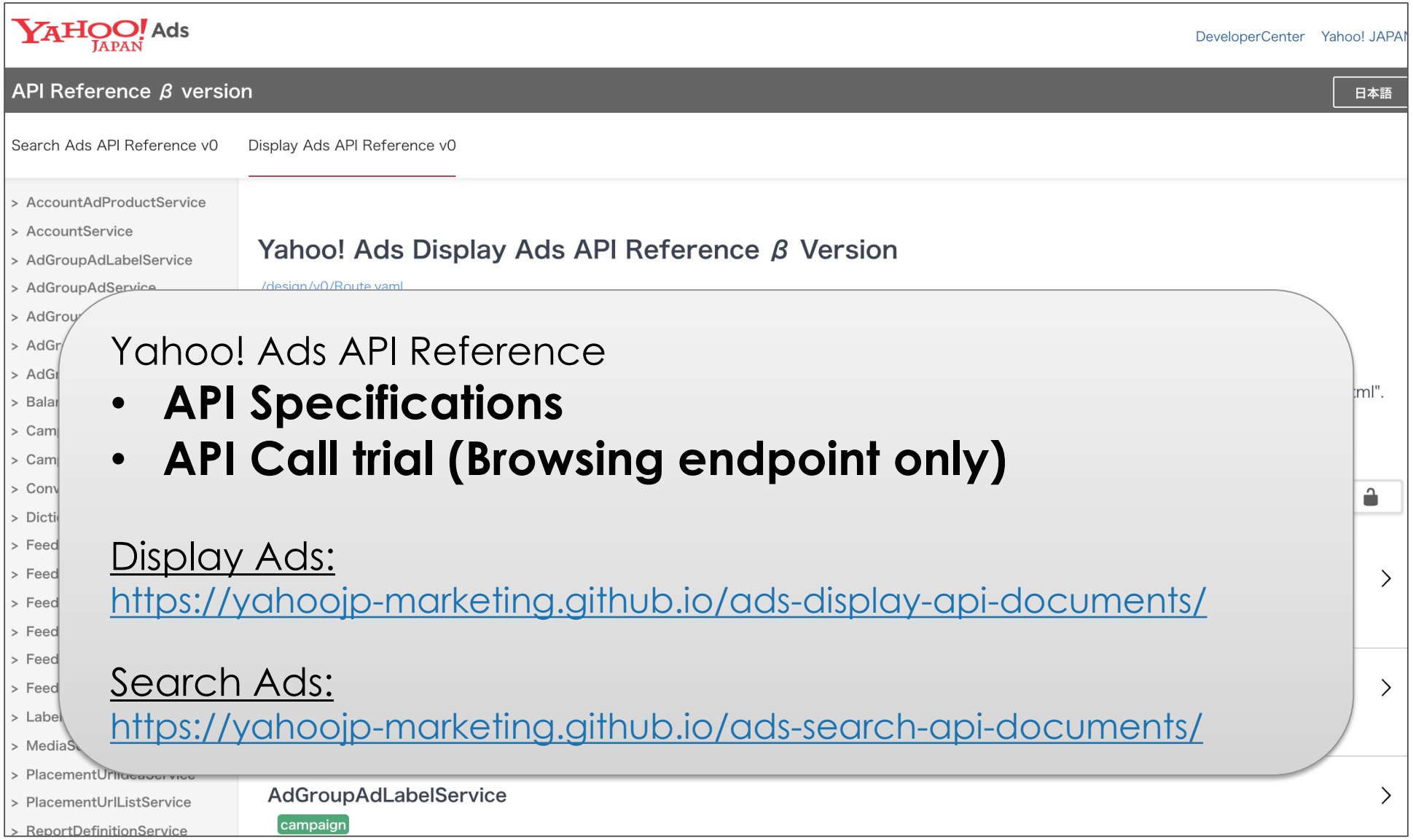

Yahoo! Ads API Reference

- **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/

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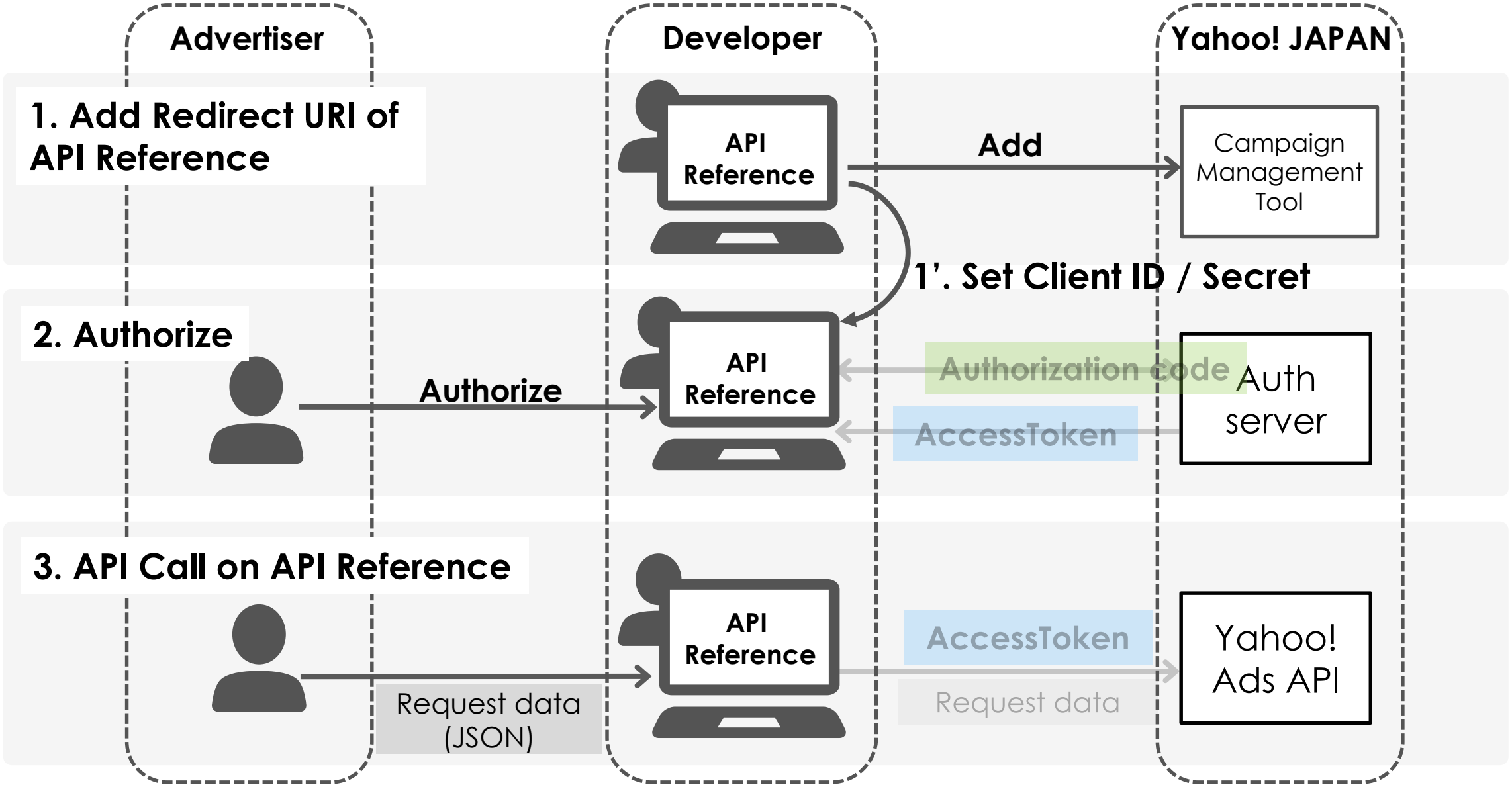
Authorization and API Call using API Reference



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[1. Add Redirect URI of API Reference]

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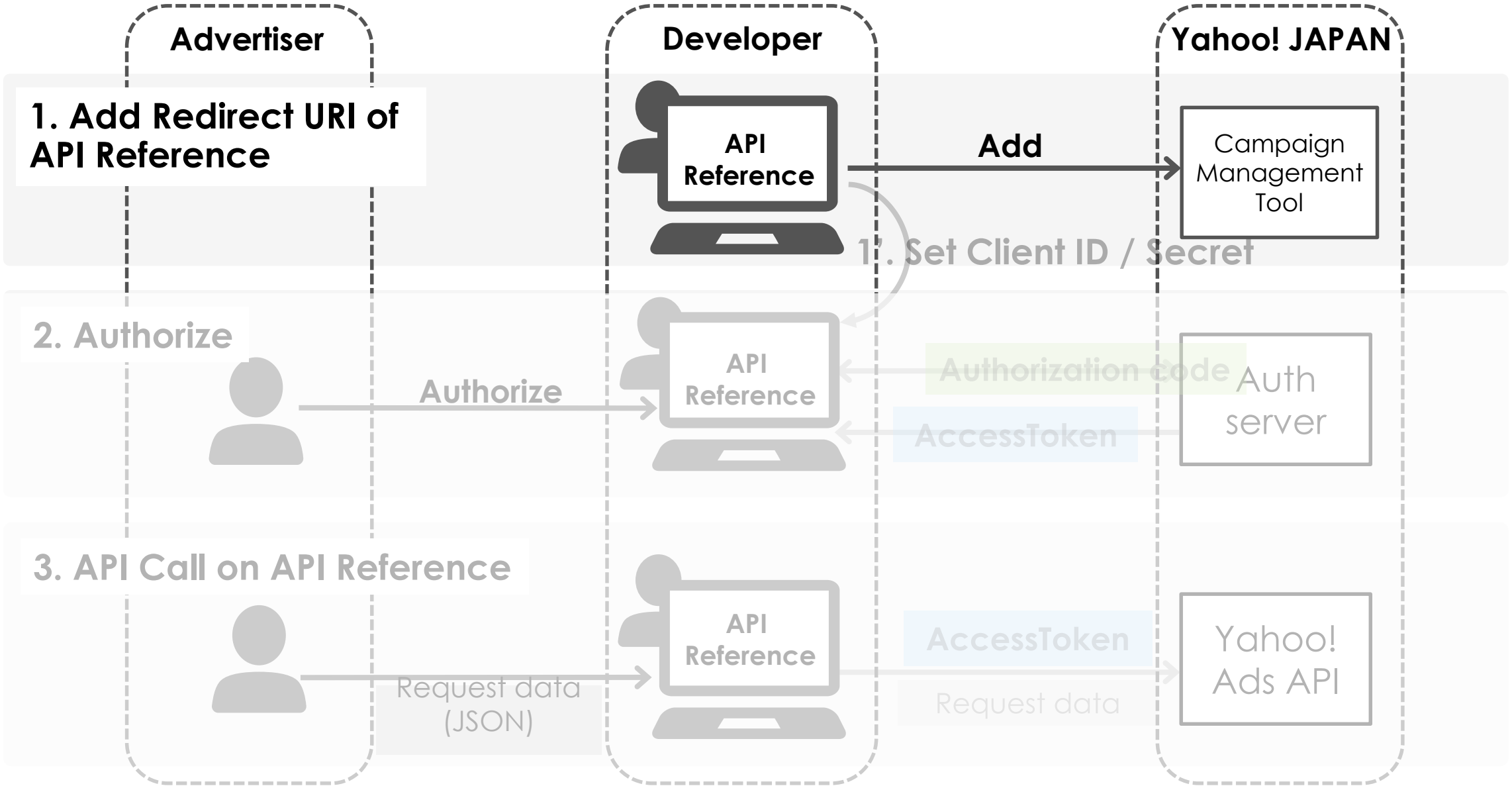

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[1. Add Redirect URI of API Reference]

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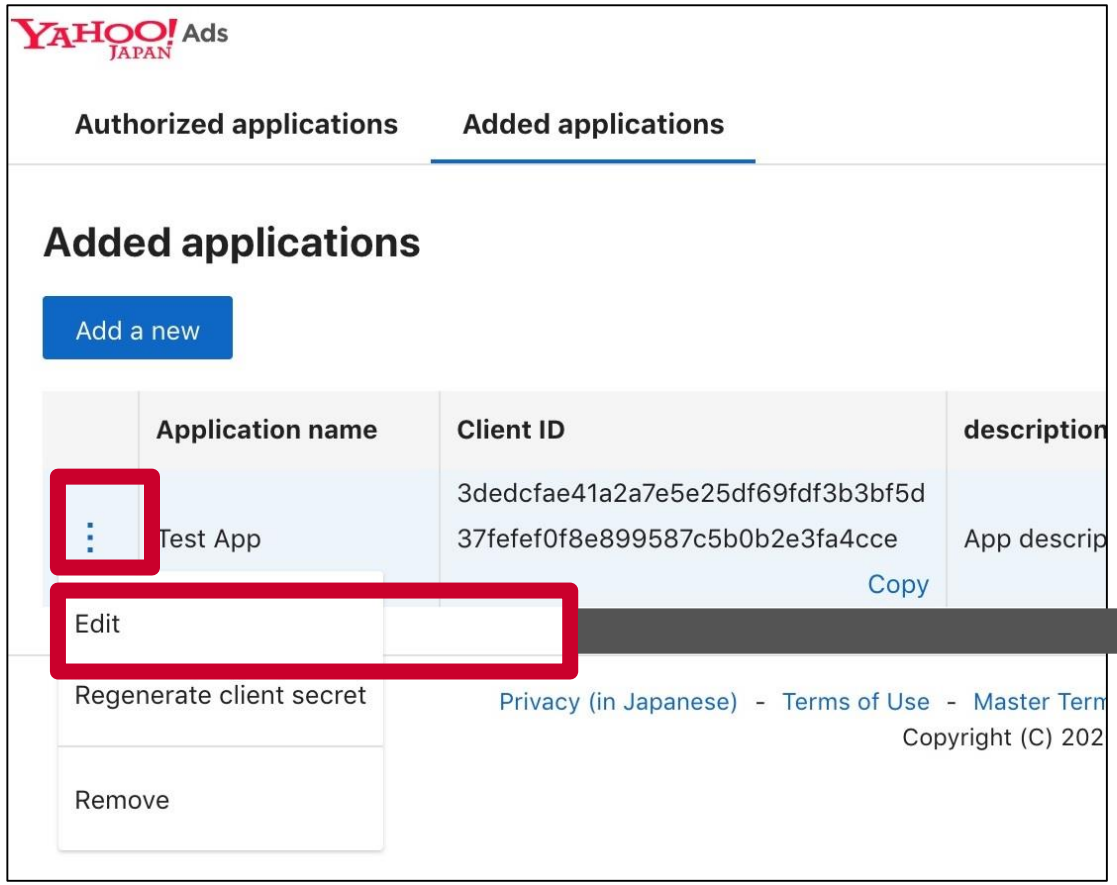
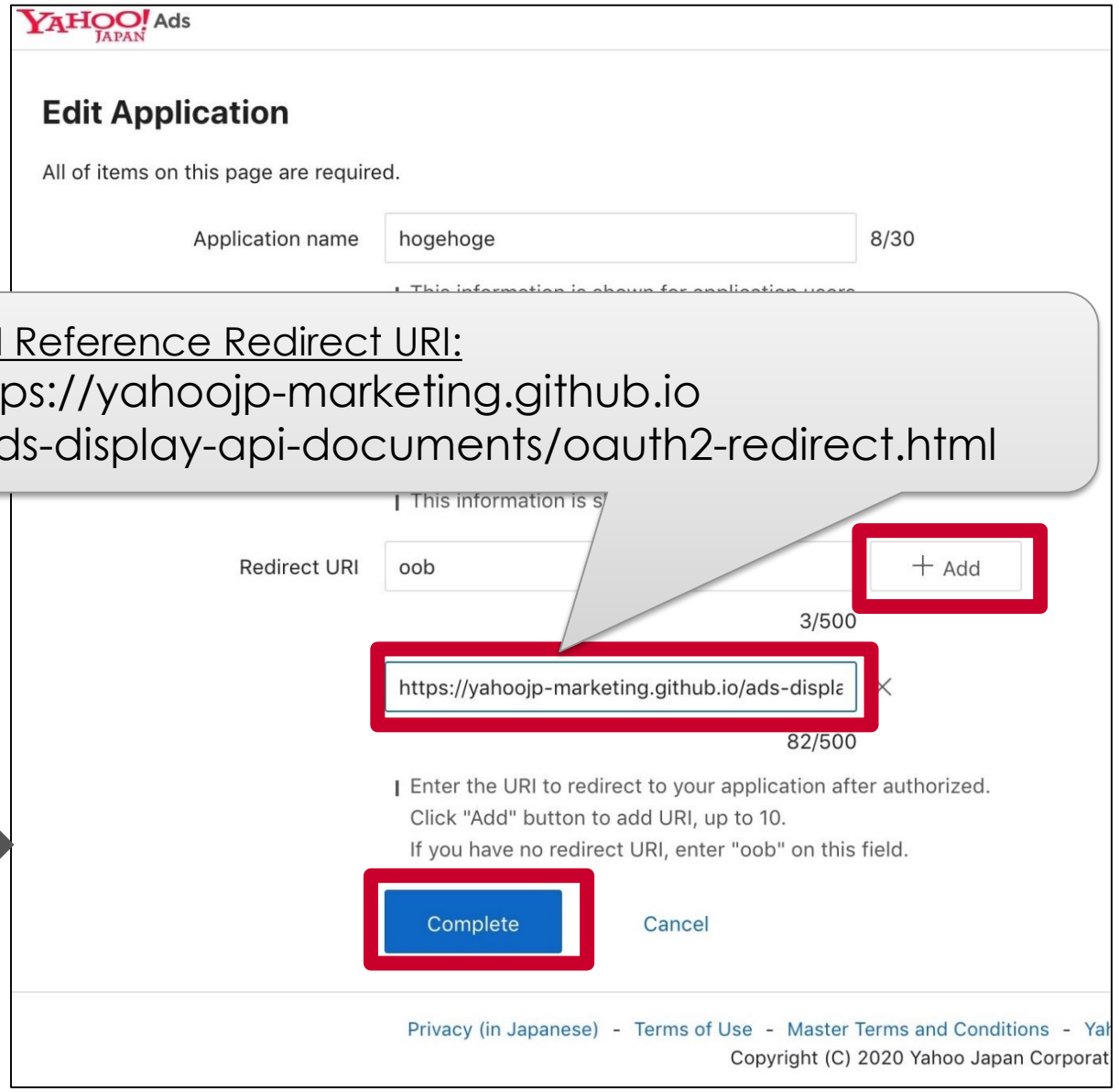
Add an app on Add a new Application screen
https://connect-business.yahoo.co.jp/client/list



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



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[1'. Set Client ID and Client secret] [2. Authorize]

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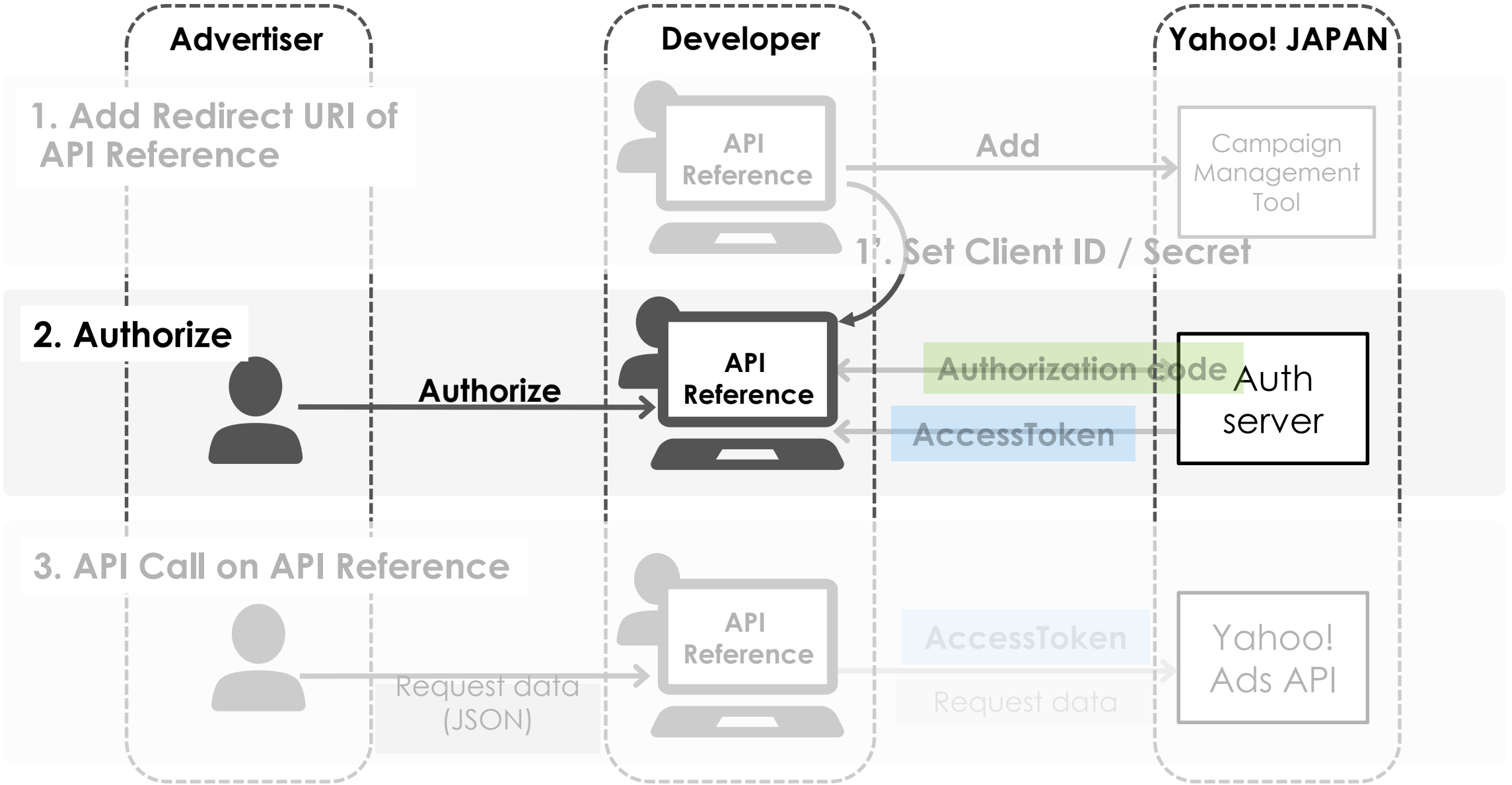

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[1'. Set Client ID / Client Secret]

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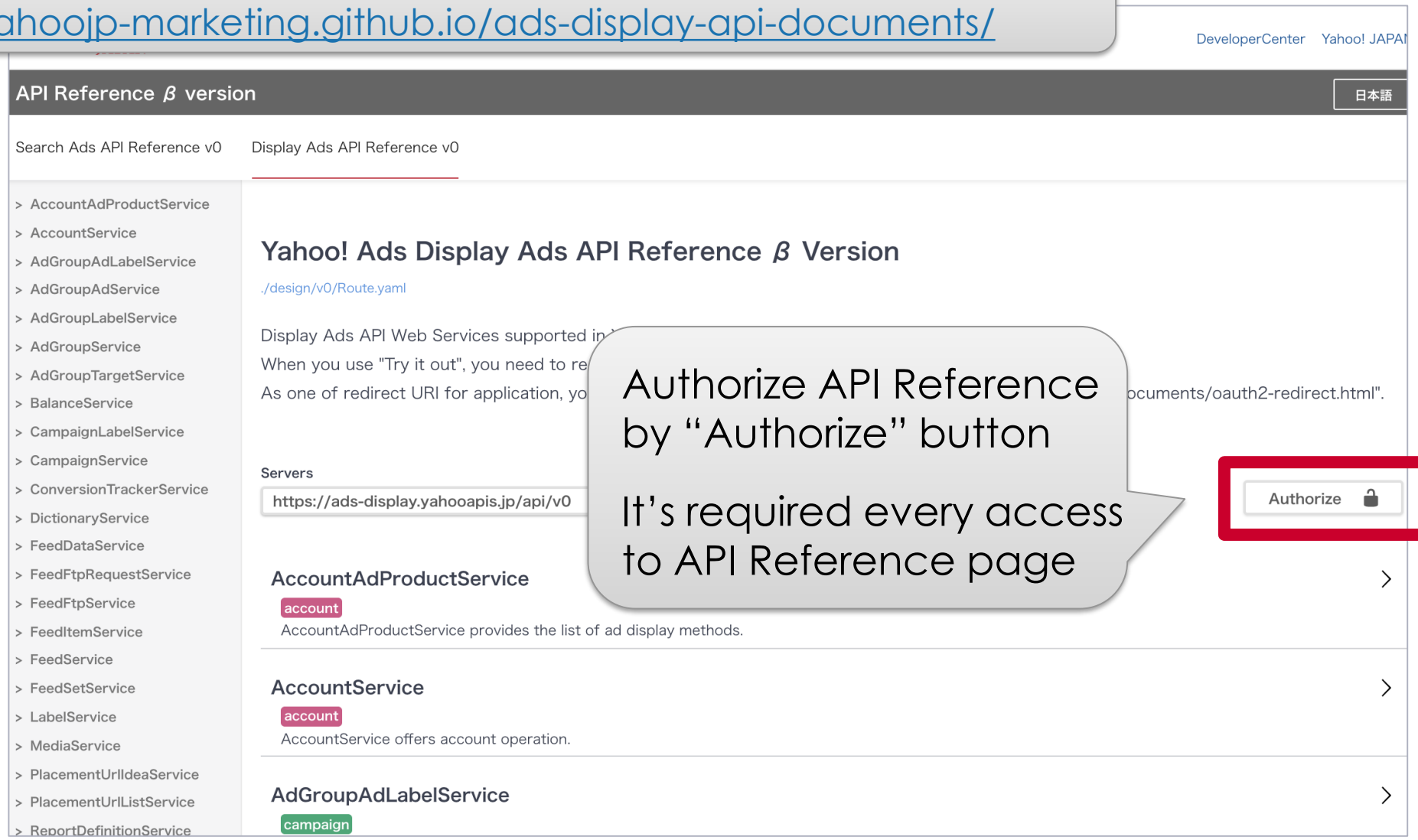
Yahoo! Ads Display Ads API Reference:
https://yahoojp-marketing.github.io/ads-display-api-documents/



Authorize API Reference by "Authorize" button

It's required every access to API Reference page

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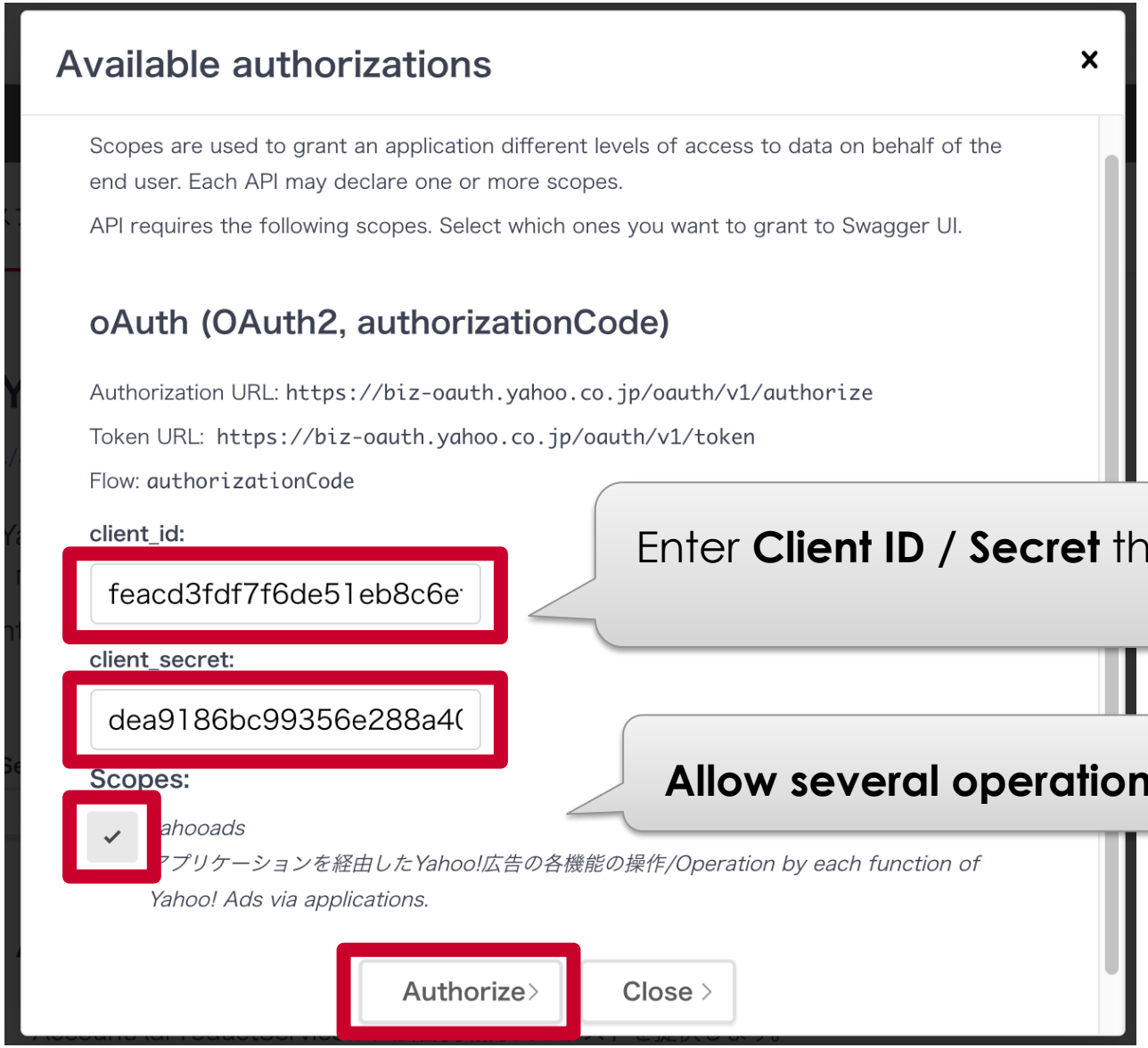
[1'. Set Client ID / Client Secret]

Limited Disclosure



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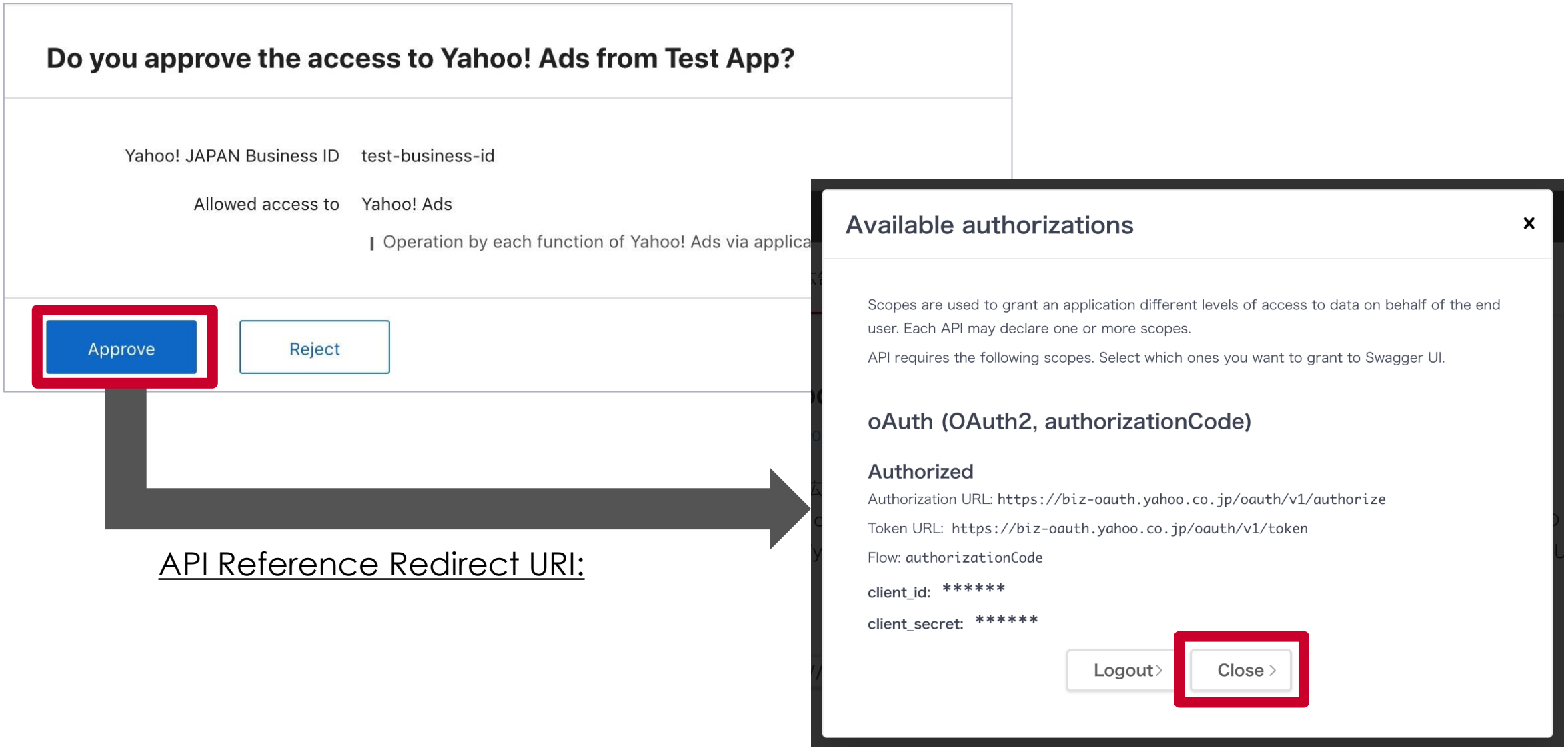
[2. Authorize]

Limited Disclosure



API Reference Redirect URI:

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[3. API Call on API Reference]

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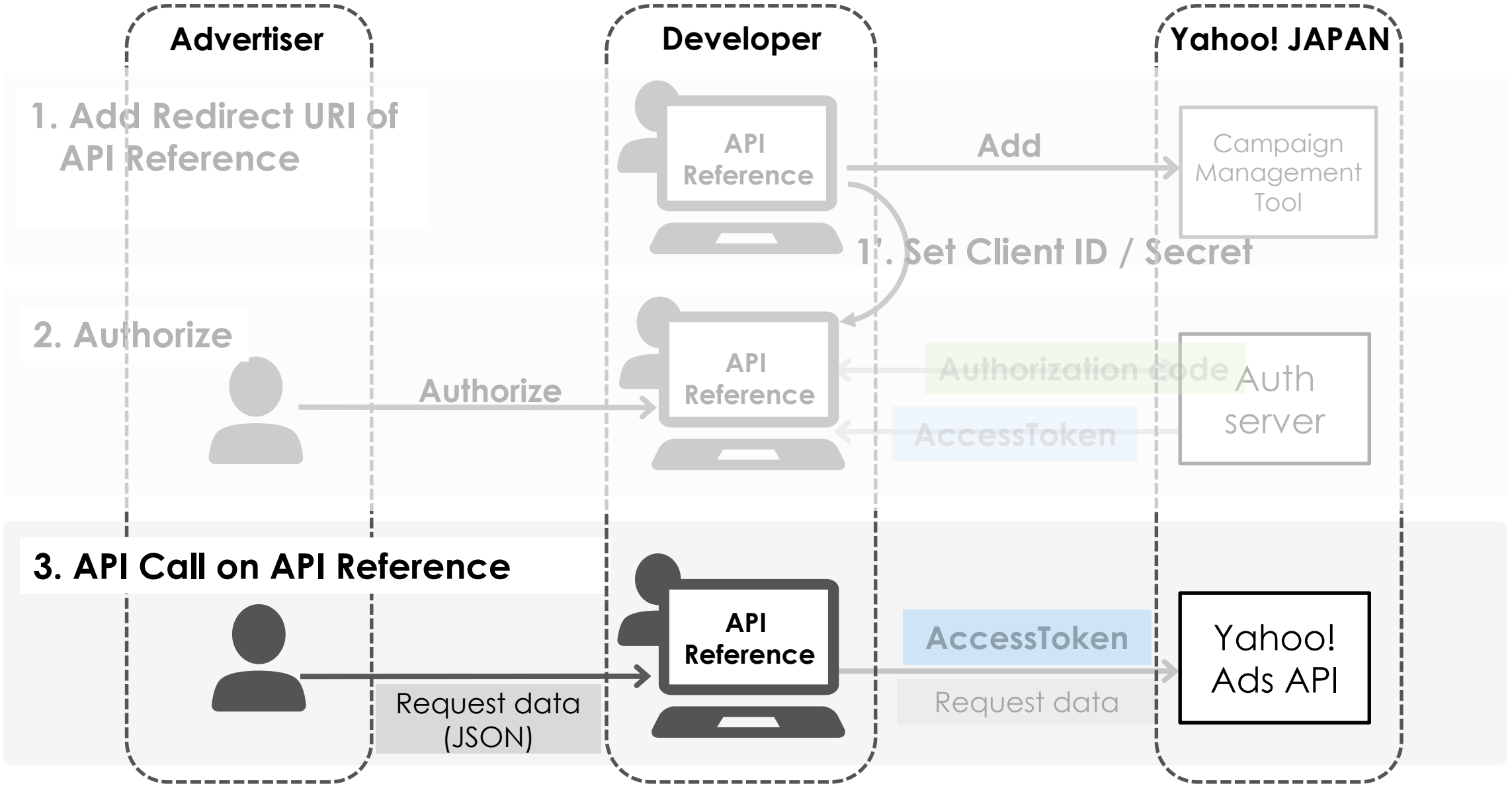

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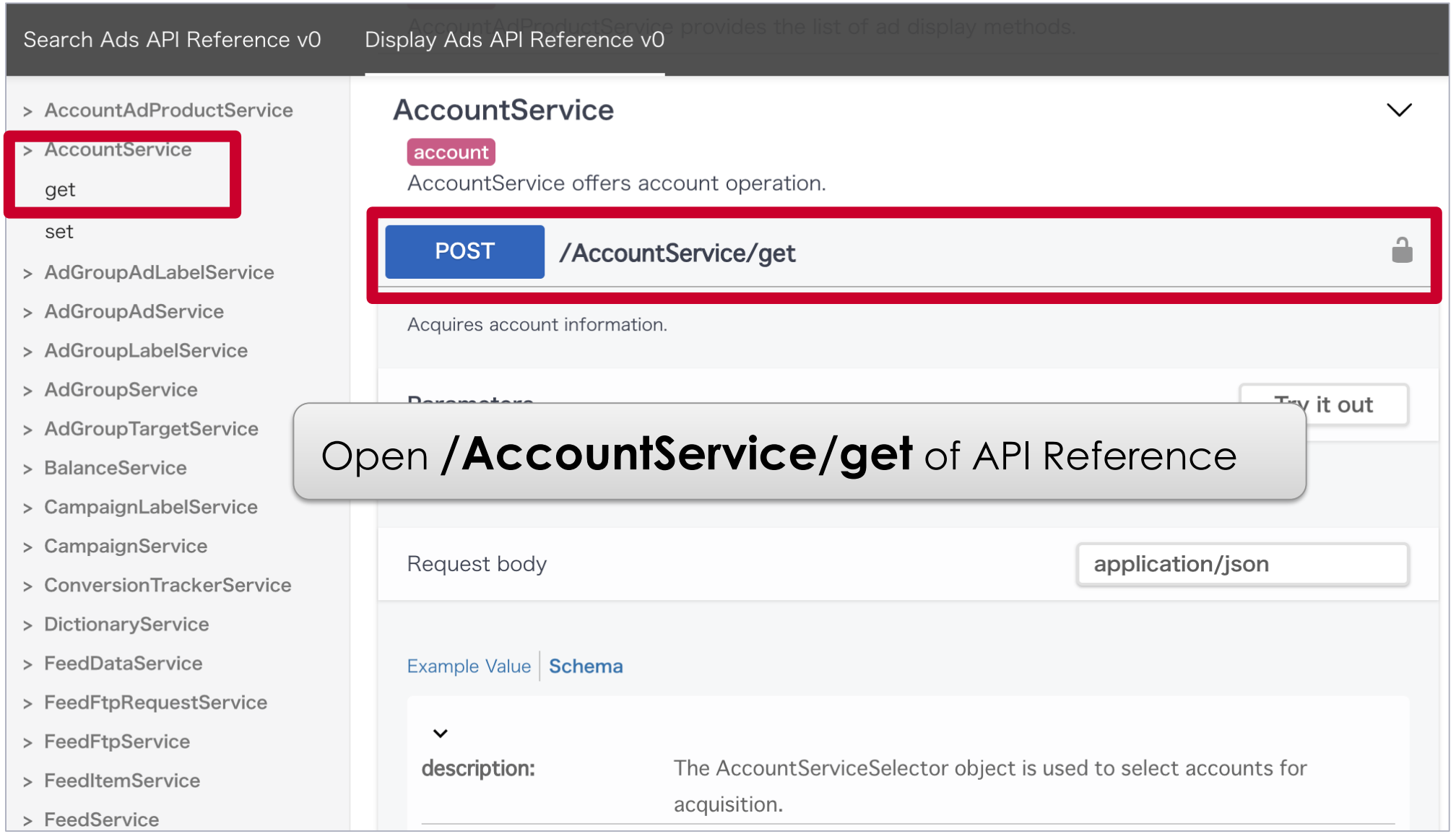
[3. API Call on API Reference (/AccountService/get)]

Limited Disclosure



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

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

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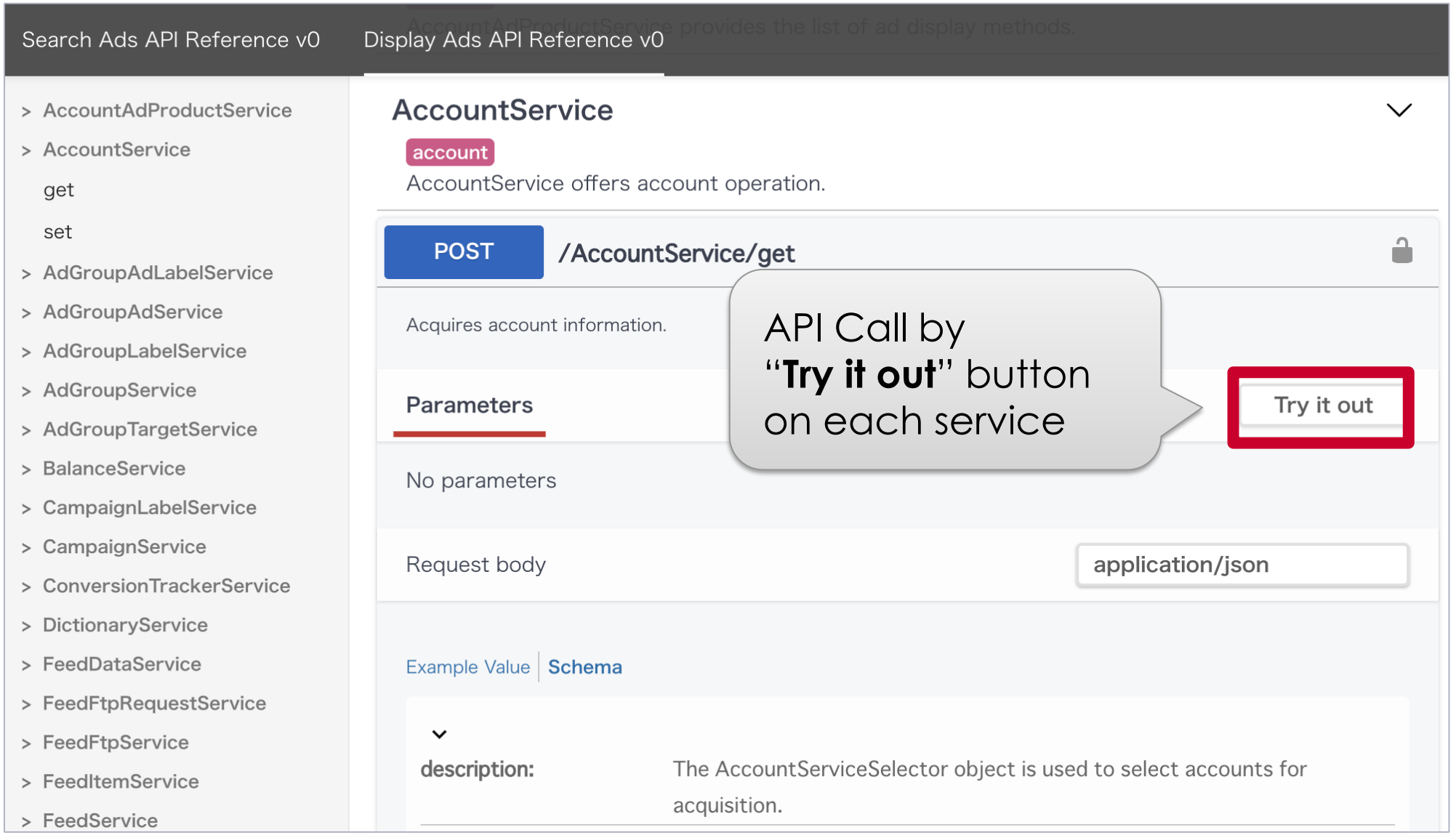

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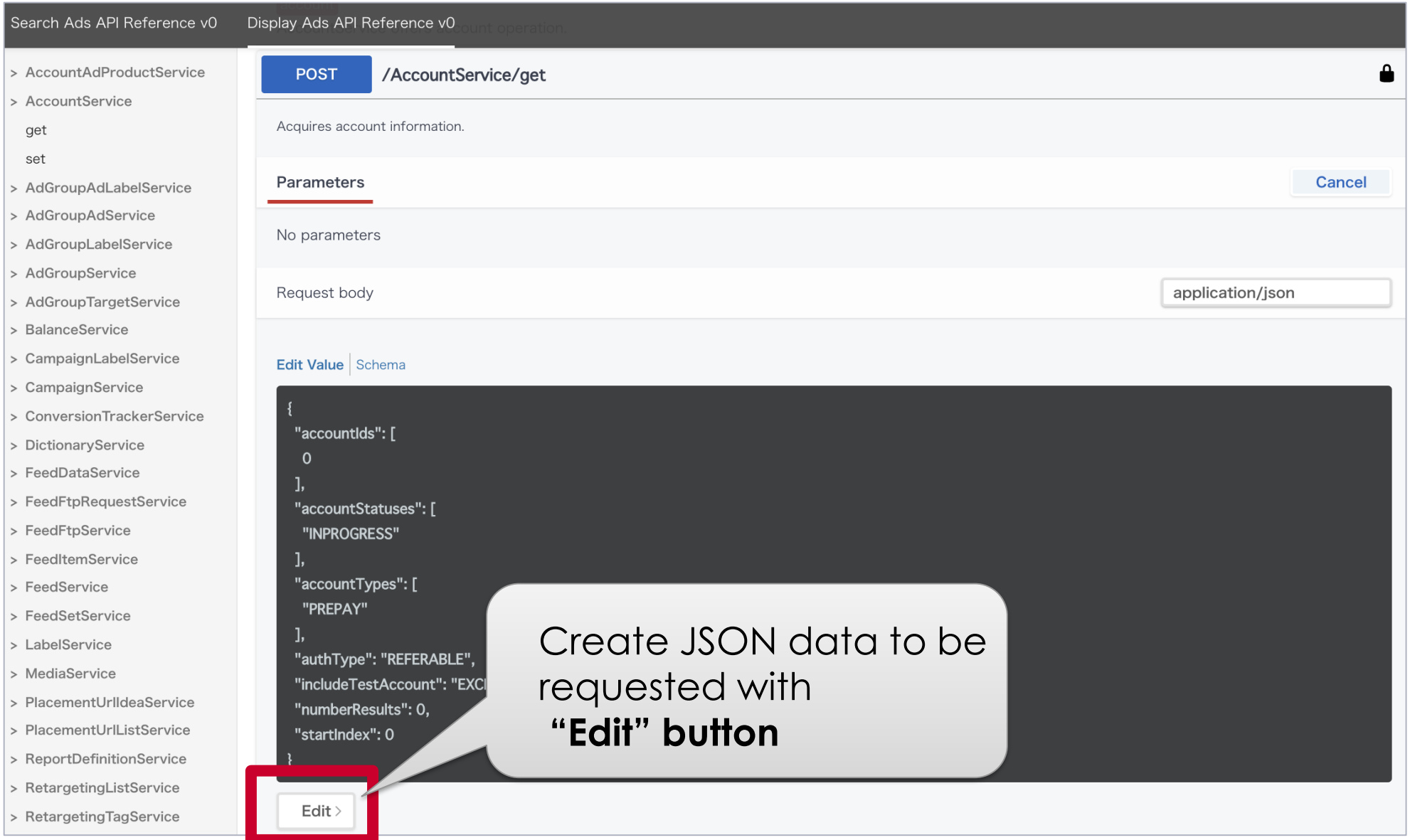
[3. API Call on API Reference (/AccountService/get)]

Limited Disclosure



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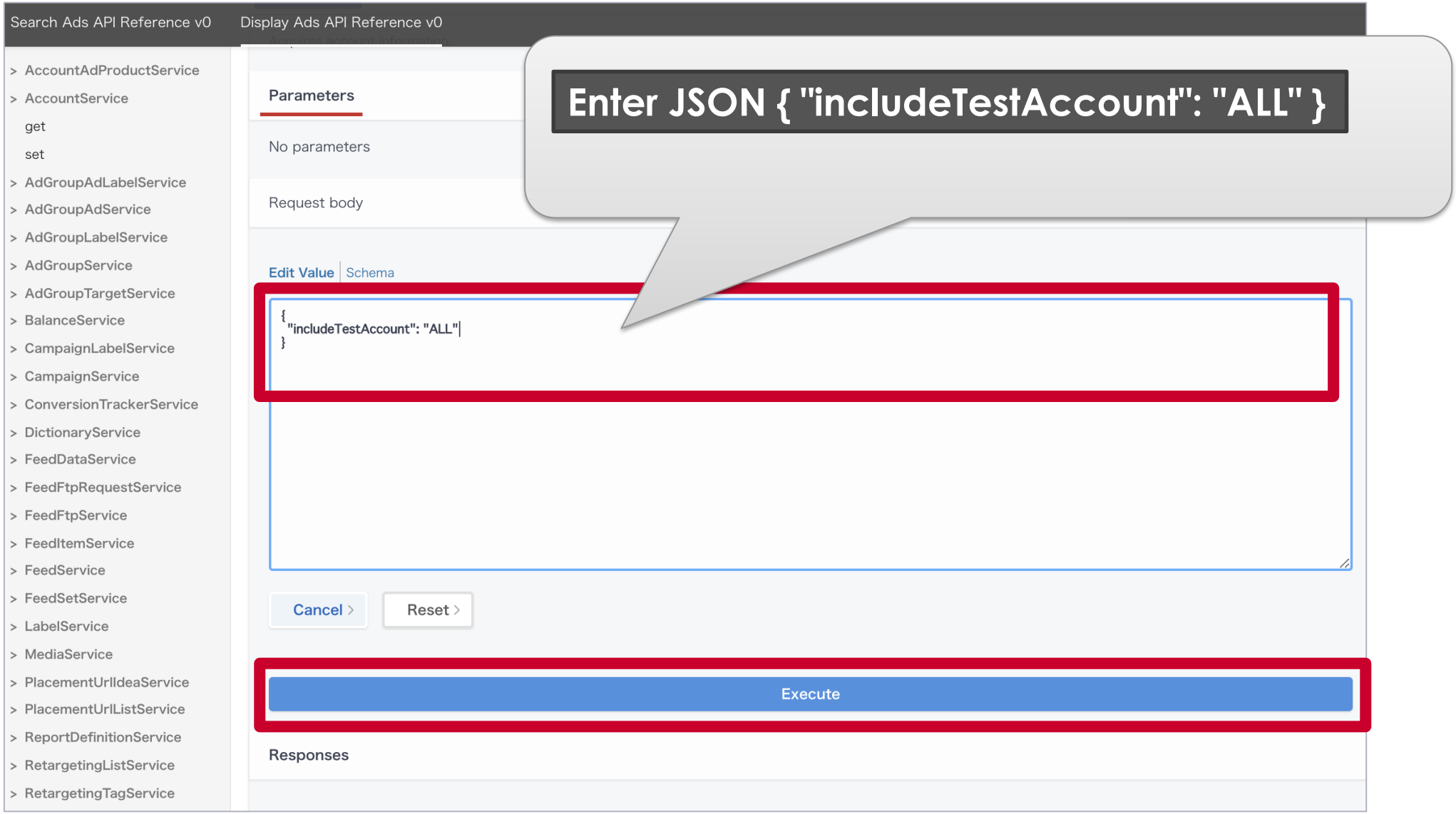
[3. API Call on API Reference (/AccountService/get)]

Limited Disclosure



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

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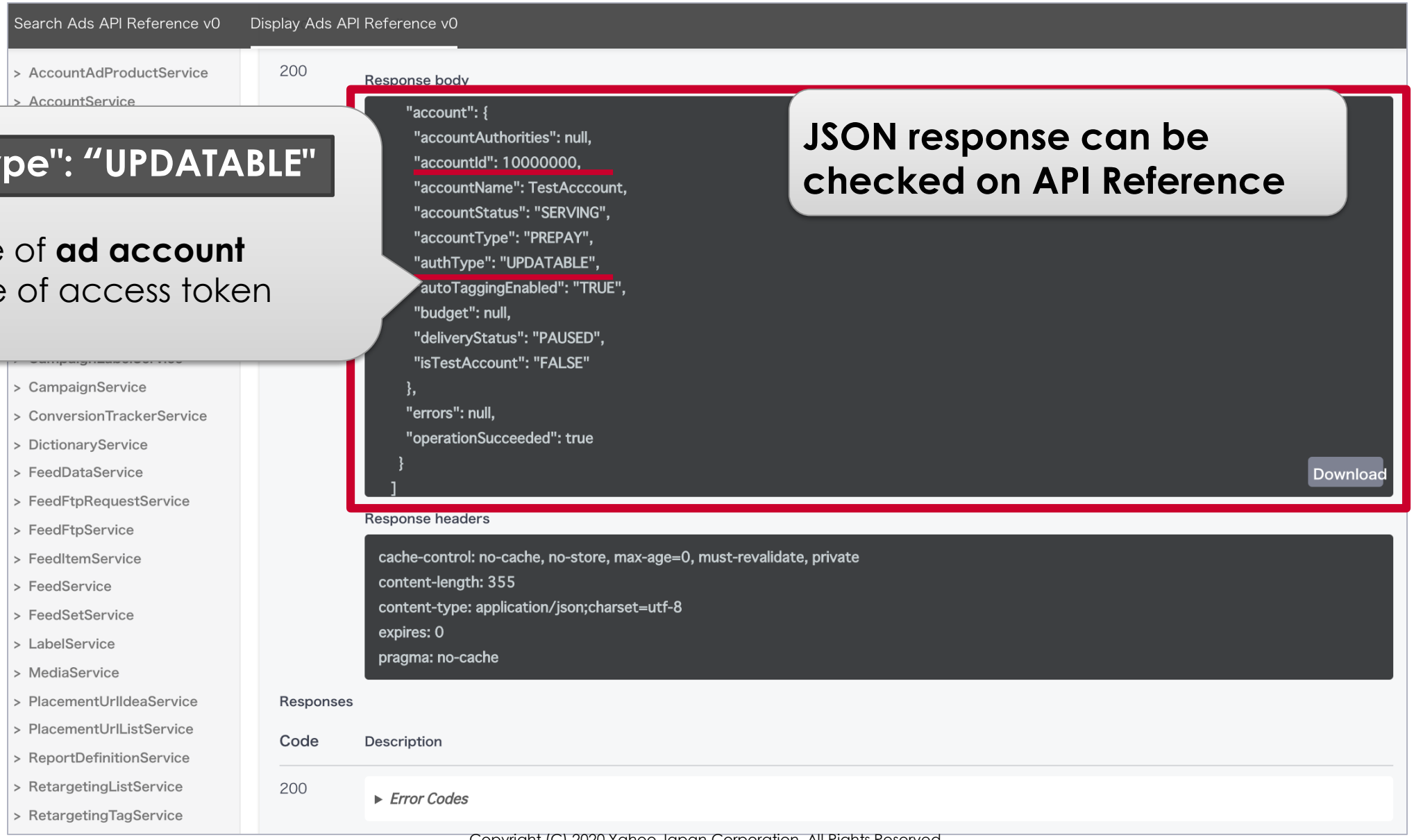

"authType": "UPDATABLE"

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

JSON response can be checked on API Reference

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Access Token v.s. Advertising Account ID roles

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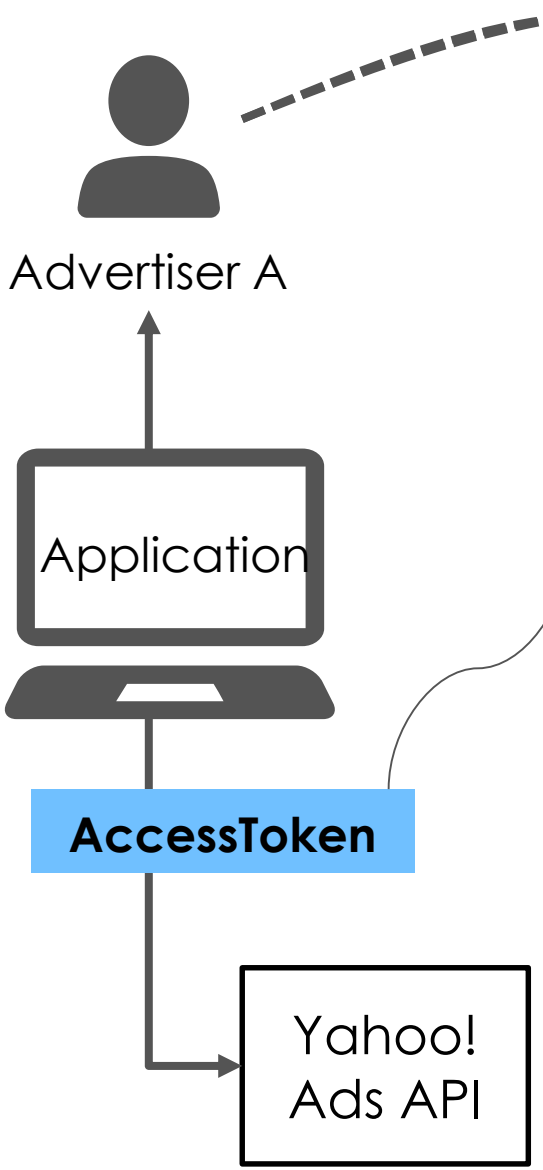

Read only

Edit role

Company

	Ad Account ID 1	Ad Account ID 2	Ad Account ID 3
Read only (Ex. /get)	✓	✓	n/a
Edit role (Ex. /add, /set)	✓	n/a	n/a

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

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Authorization and API Call using API Reference

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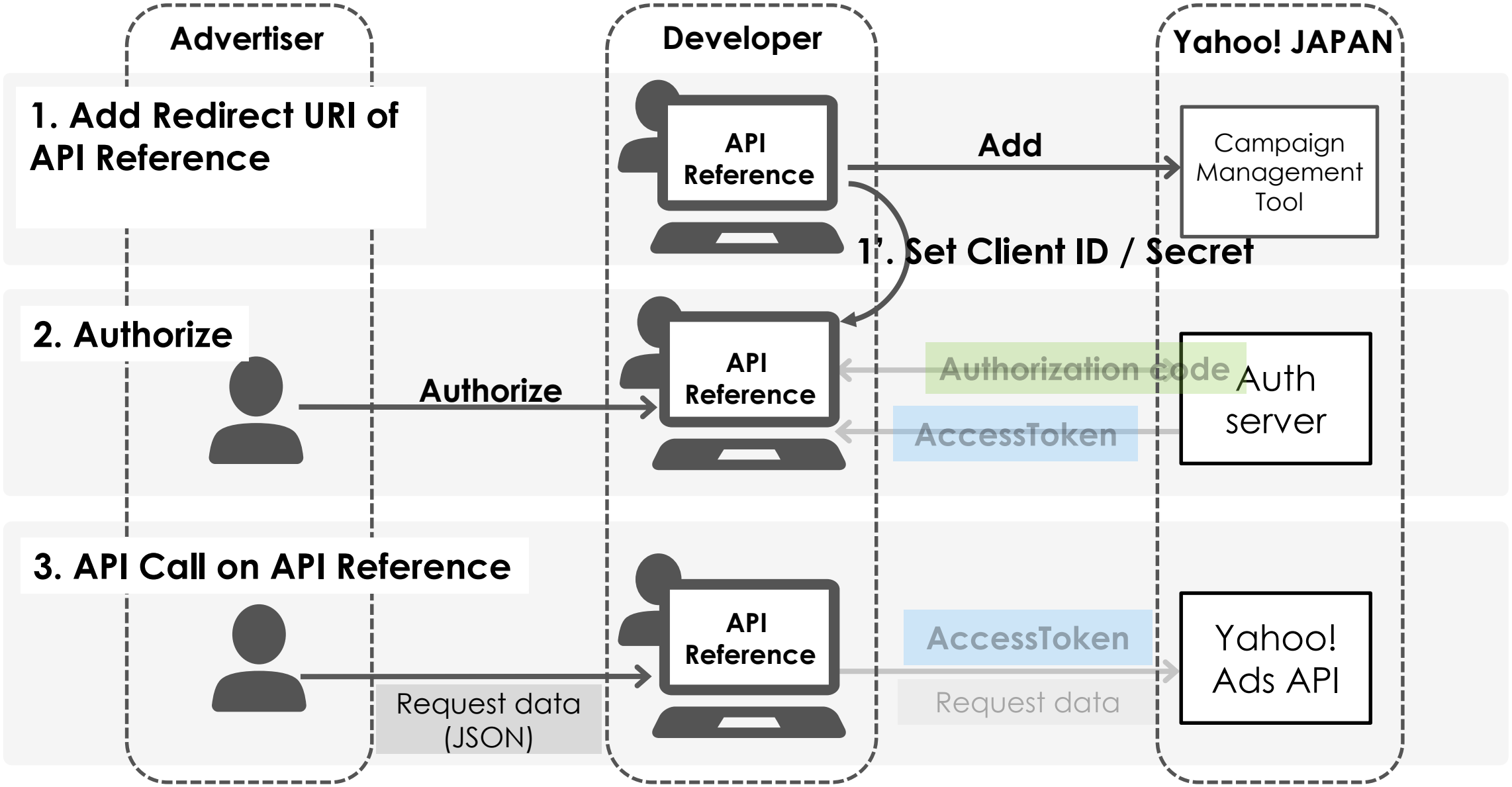

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- The flow until Yahoo! Ads API Call
  - **Add a new Application > Authorize** > Yahoo! Ads API Call
  - **API Testing with read-only role is available on API Reference**
- Specification of each parameter

	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/

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