

# Integrating SKAdNetwork

## With Koneo Mobile

### For Publishers,

To integrate with SKAdNetwork you will need to implement the following changes to your app:

#### 1 Add Koneo Mobile's SKAdNetwork ID to your app's info.plist file

Koneo Mobile's SKAdNetwork ID is:  
*bxvub5ada5.skadnetwork*

#### 2 Update your app to support SKAdNetwork

Singular's sample Publisher app offers insights into requirements: [Click here](#)

#### 3 Fetch a signed ad for each impression

Prior to displaying an ad, you will need to fetch a Signed Ad from Koneo's SKADNetwork Signed Ad API. Please submit a request to the following api endpoint:

[https://skadnetwork.koneomobile.com/api/skan/sign?api\\_key={api\\_key}&campaign\\_id={campaign\\_id}&publisher\\_id={publisher\\_id}&source\\_app\\_id={source\\_app\\_id}&version={version}&fidelity\\_type={fidelity\\_type}](https://skadnetwork.koneomobile.com/api/skan/sign?api_key={api_key}&campaign_id={campaign_id}&publisher_id={publisher_id}&source_app_id={source_app_id}&version={version}&fidelity_type={fidelity_type})

Parameters	Definition	Value	Required
campaign_id	Koneo Mobile CampaignID	1234 (integer)	Yes
publisher_id	Your Koneo Mobile PublisherID	1234 (integer)	Yes
api_key	Each request has to be verified with your Koneo Mobile Publisher API Key	1234 (integer)	Yes
source_app_id	App ID which shows ads. example: 331177714	1234 (integer)	Yes
version	SKAdNetwork Version. For view-through ads, use version 2.2 and later. example: 2.2	2.0 (integer)	Yes
fidelity_type	For view-through ads, use a fidelity type value of the number 0 example: 1	1 (integer)	No

Once you request an ad from this endpoint, you will receive a signed signature with offer details (if you're approved to run the offer, otherwise it will return an error).

#### SUCCESS

```
{
  "signature": "MDUCGQDRQ5oULC1eU2jP4N4vW/oQf8v
ZRn-4SJOYCGGghVyXyif1ghdmWrv7i488toP+74WddLQ==",
  "campaign_id": 1,
  "ad_network_id": "bxvub5ada5.skadnetwork",
  "nonce": "d2a36e64-625d-48c1-a61e-dd8de0dac7a7",
  "timestamp": 1612212887,
  "source_app_id": "447188370",
  "dest_app_id": "1132762804",
  "version": "2.0"
}
```

#### ERROR

```
{
  "success": false,
  "errors": [
    {
      "message": "Request did not pass all the rules",
      "code": 11025
    }
  ],
  "hostname": "4316bc75f86e"
}
```

If SKad Version 2.2, fidelity\_type will be required and later signatures. You can pass values such as 0 or 1 or both values with comma separated ex: 0,1

```
[{
  "click": {
    "signature": "MDUCGQDvxV416PfMjZ4QzjR68Dg0JdTlnSmn8CGFUC+iGffC1zeD6Av+Z0xWM2WSaIScioug==",
    "campaign_id": 1,
    "ad_network_id": "bxvub5ada5.skadnetwork",
    "nonce": "d2a36e64-625d-48c1-a61e-dd8de0dac7a7",
    "timestamp": 1612296401,
    "source_app_id": "447188370",
    "dest_app_id": "1132762804",
    "fidelity_type": 1,
    "version": "2.2"
  }
},
{
  "view": {
    "signature": "MDUCGQD+Oui5L2hWsf1zJ3amT1r7nP2RDTUwtsCGAnz8OwCRE6Q0bJzjBDr1+zpCl6+6i5uJg==",
    "campaign_id": 1,
    "ad_network_id": "bxvub5ada5.skadnetwork",
    "nonce": "d2a36e64-625d-48c1-a61e-dd8de0dac7a7",
    "timestamp": 1612296401,
    "source_app_id": "447188370",
    "dest_app_id": "1132762804",
    "fidelity_type": 0,
    "version": "2.2"
  }
}]
```

This will result in either a single signed ad being returned, or an array of two signed ad's if both fidelity 0 and 1 are requested.

## 4

### Update the click handler on your ad

When a user clicks on an ad, call:

`loadProduct(withParameters:completionBlock:)`

Passing in the signed details you received in step 3.

## 5

### Send a parallel request to our click url

In addition to calling loadProduct, you can send a S2S request to our click endpoint at:

[https://g9i.sevmob.com/tracker/creative\\_c?campaign\\_id=375189&publisher\\_id=489&macros&s2s=true](https://g9i.sevmob.com/tracker/creative_c?campaign_id=375189&publisher_id=489&macros&s2s=true)

Publishers should send the clicks s2s to us via our click endpoint. Please include any macros at the end of the URL depending on the offer.

**##IMPORTANT## We have to receive the user-IP and the user-agent for all clicks and impressions: ...&user\_ip=(ip-address)&user\_agent=(encoded-user-agent)**