

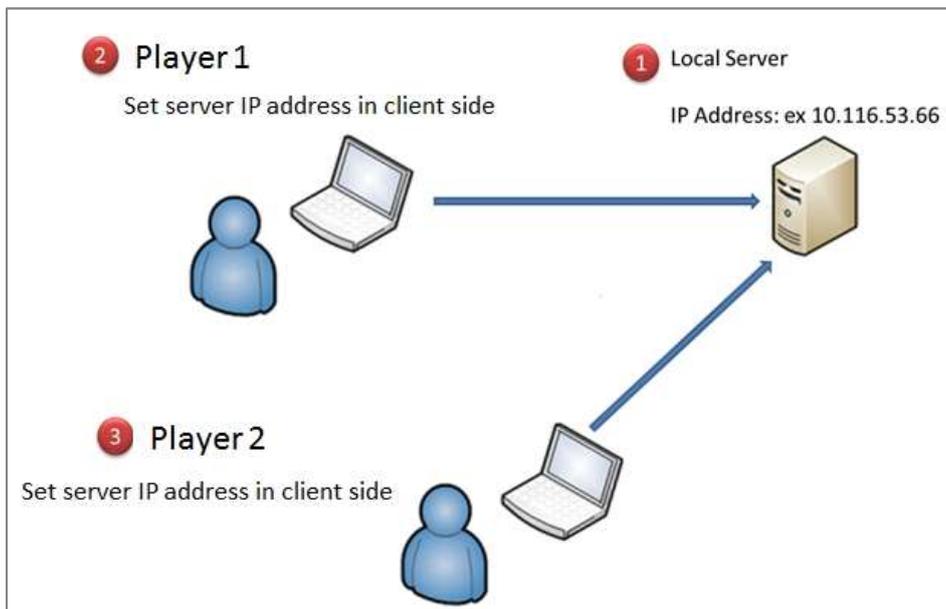
# Arcade Saga

## Local server setup guideline for multiplayer Ver. 1.00

The following guidelines are broken down into two sections. Section one deals with the server PC, while section two focuses on how to setup the player PC's, so they can connect to the server PC.

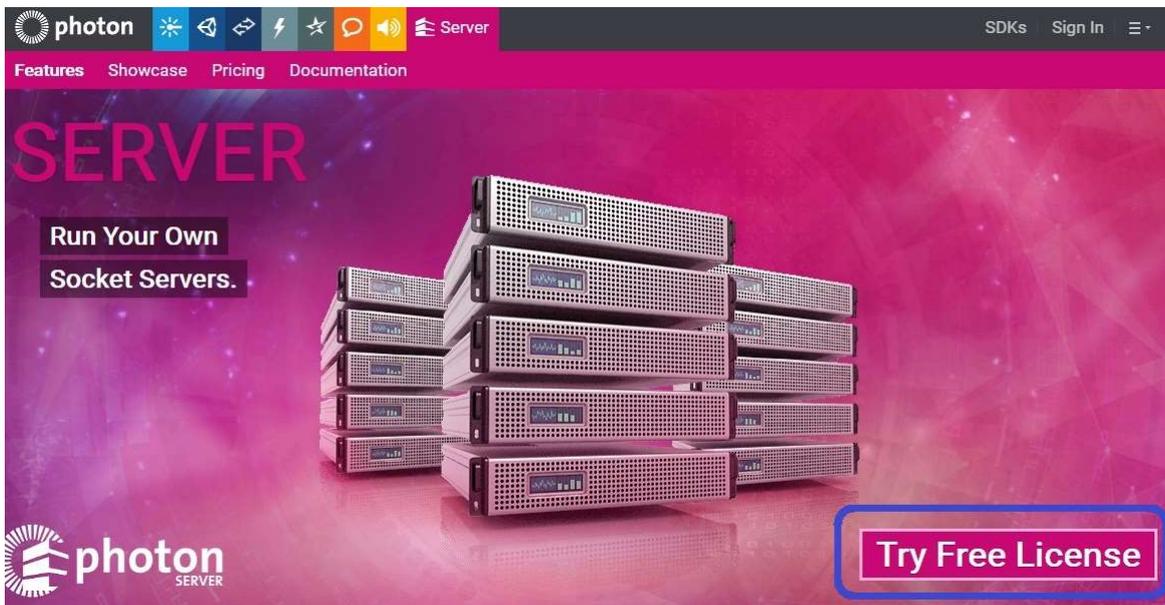
- [Section 1: Local Server Setup](#)
- [Section 2: Player PC Setup](#)

*Below is an example of how your configuration should look*

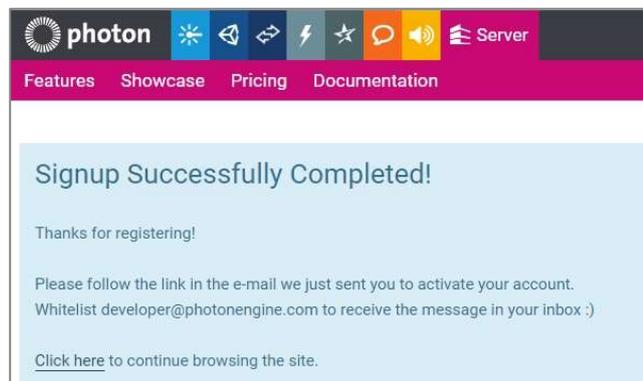
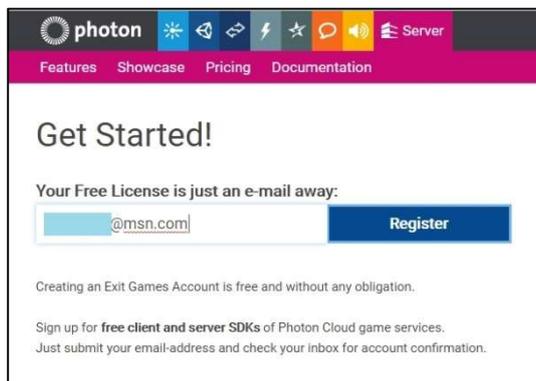


## Local Server Setup

1. Go to <https://www.photonengine.com/en-US/OnPremise> and Download the “Free Trial License”



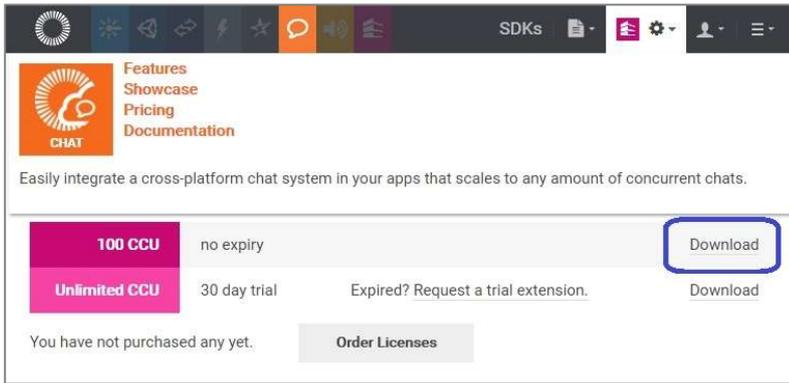
2. Input your Email address



3. Sign in



4. Select 100CCU and download file. Please keep the license file in the folder which the server will execute since it will be used for verification further.

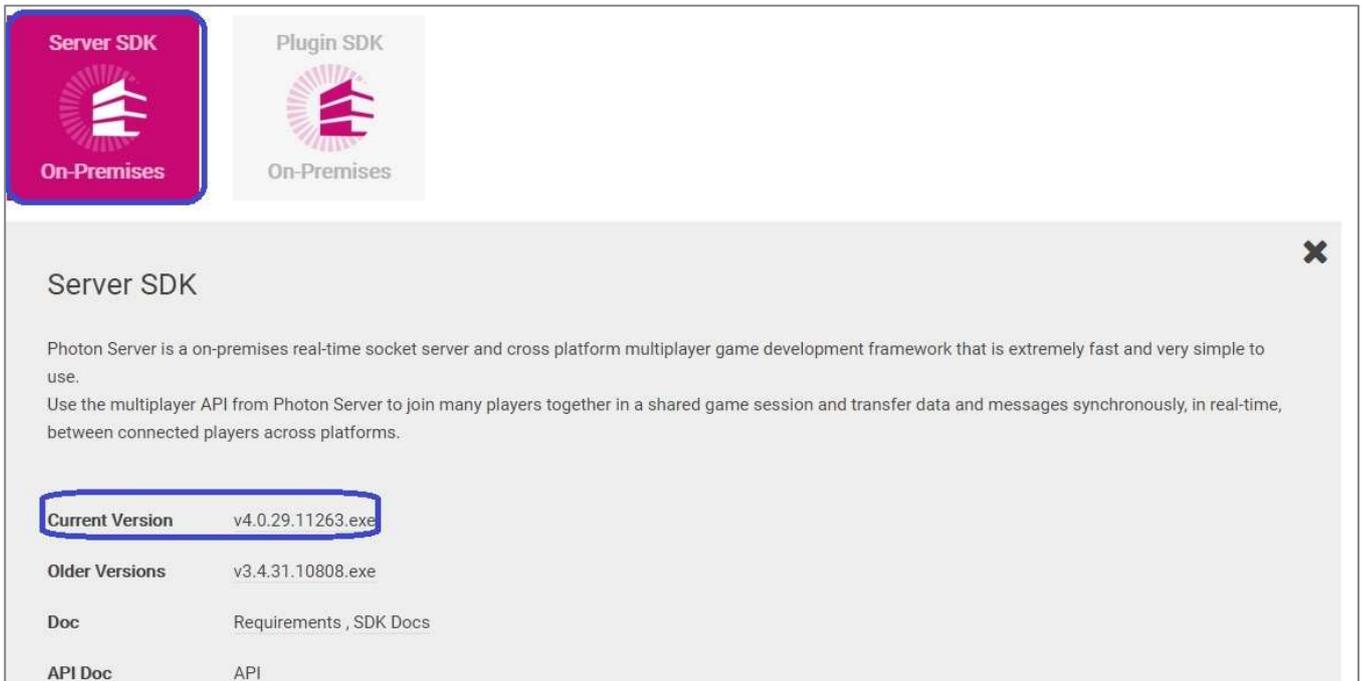


5. Select "SDK" in the right left side

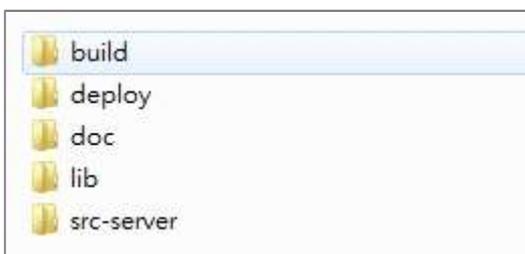


6. Select Server and download it

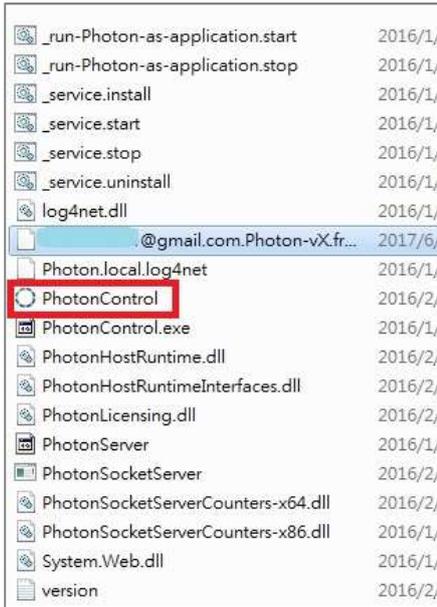
Double click to extract the file [Photon-OnPremise-Server-SDK\\_v4-0-29-11263](#) and specify the folder D:\Photon-OnPremise-Server-SDK\_v4-0-29-11263



7. The folder illustration



8. Go to D:\Photon-OnPremise-Server-SDK\_v4-0-29-11263\deploy\bin\_Win64 and put the previous download file in the same folder



9. Execute “PhotonControl” then there is the icon in the (bottom right) tool bar. Right click the icon and then select “execute.”



10. Open up a “Command Prompt” widow, by typing “cmd” into the windows search bar.

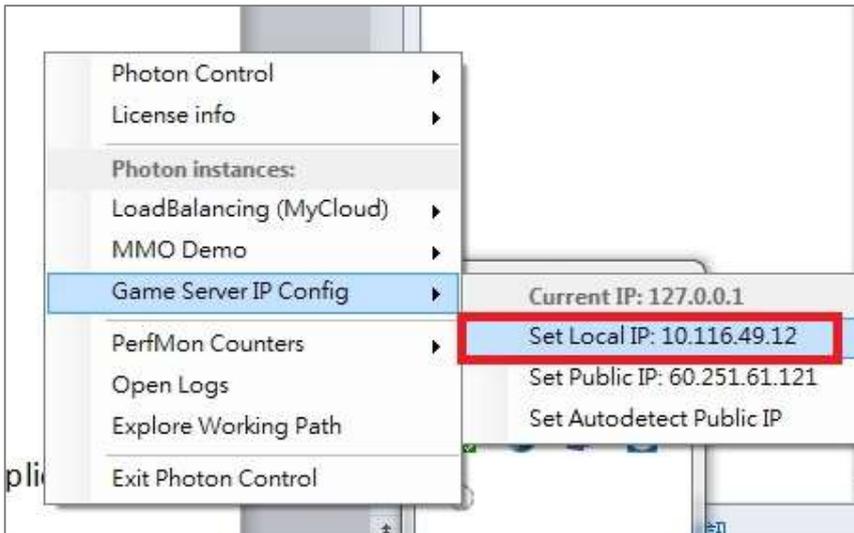


11. Type “ipconfig” to get the PC’s IPv4 address

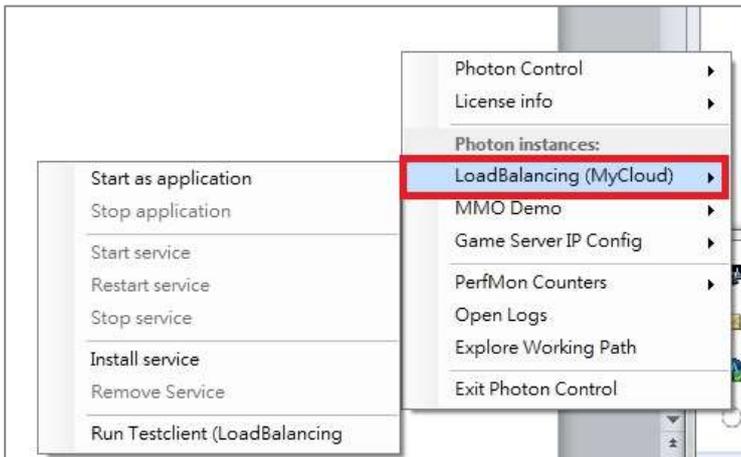
```
10.116.49.12
255.255.248.0
```

In this example, the IPv4 address is 10.116.49.12

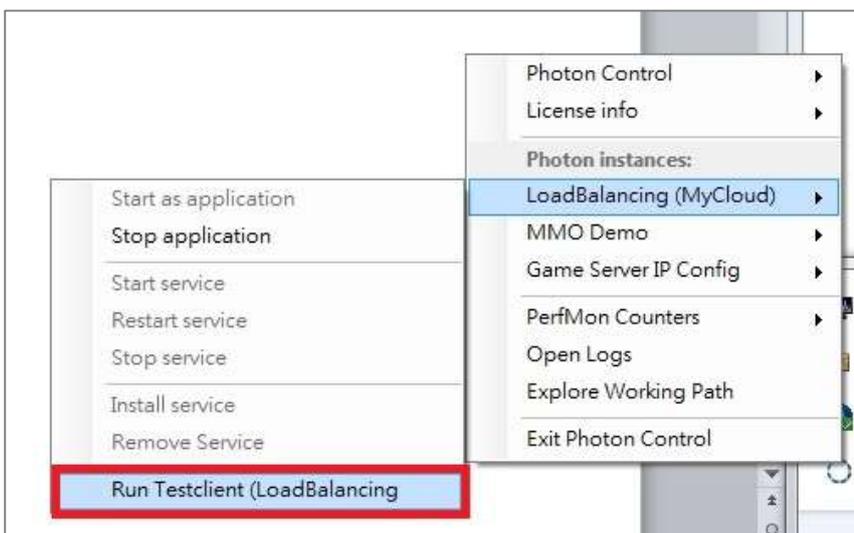
12. Go to launch PhotonControl ->Game Server IP config select → SetLocalIP : 10.116.49.12



13. [To connect to the Server] Go to Photon Control → LoadBalancing(MyCloud)



14. Go to Photon Control->LoadBalancing(MyCloud) -> Run TestClient(LoadBalancing)



In this step , the server is activated now.

```
D:\Photon-OnPremise-Server-SDK_v4-0-29-11263\deploy\bin_tools\stardust.client\Photon...
Sending reliable operation every 100 ms

Starting 5 games with 3 players
[8488] Press Return to End
Connecting to 127.0.0.1:5056
[8488] Started game [REDACTED] (8488)1 with 3 clients
Connecting to 127.0.0.1:5056
OnOperationReturn: JoinGame failed: ReturnCode: 32758 (Game does not exists). Disconnecting...
[8488] Started game [REDACTED] (8488)2 with 3 clients
Connecting to 127.0.0.1:5056
Connecting to 127.0.0.1:5056
Connecting to 127.0.0.1:5056
Connecting to 127.0.0.1:5056
[8488] Started game [REDACTED] (8488)3 with 3 clients
Connecting to 127.0.0.1:5056
Connecting to 127.0.0.1:5056
Connecting to 127.0.0.1:5056
[8488] Started game [REDACTED] (8488)4 with 3 clients
Connecting to 127.0.0.1:5056
Connecting to 127.0.0.1:5056
[8488] Started game [REDACTED] (8488)5 with 3 clients
Connecting to 127.0.0.1:5056
Connecting to 127.0.0.1:5056
Connecting to 127.0.0.1:5056
```

## Player PC Setup

This section is about configuring the players' setting.

Before settings can be applied, Arcade Saga needs to be booted and the multiplayer mode needs launched. Once launched, an "ArcadeSagaPhotonSetting" folder will be automatically created on the local disc drive under C:\Users\[User's name]\AppData\Roaming\.



*Select multiplayer first!*

The PC for player1 & player2 needs to be connected to the above server, please find [LanProfile.csv](#) at the following location:

C:\Users\\AppData\Roaming\ArcadeSagaPhotonSetting\LanProfile.csv

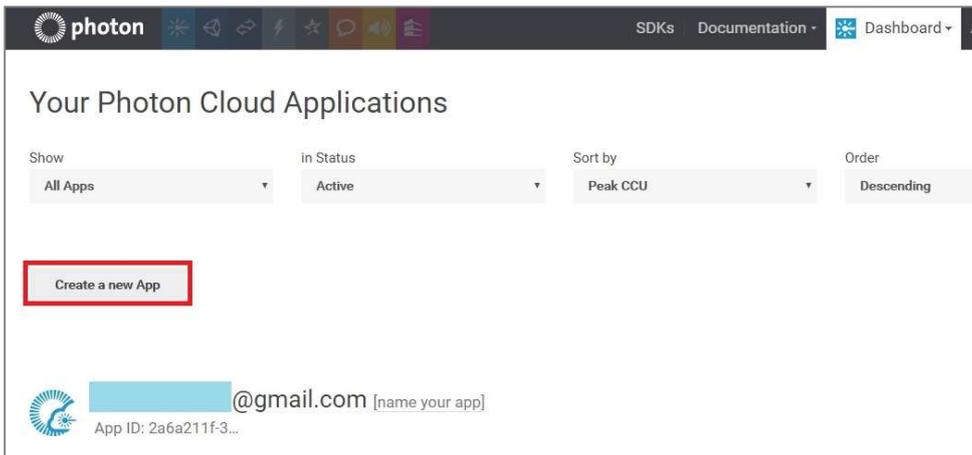


Open LanProfile.csv and add server IP address (port number is 5055, no need to modify it)

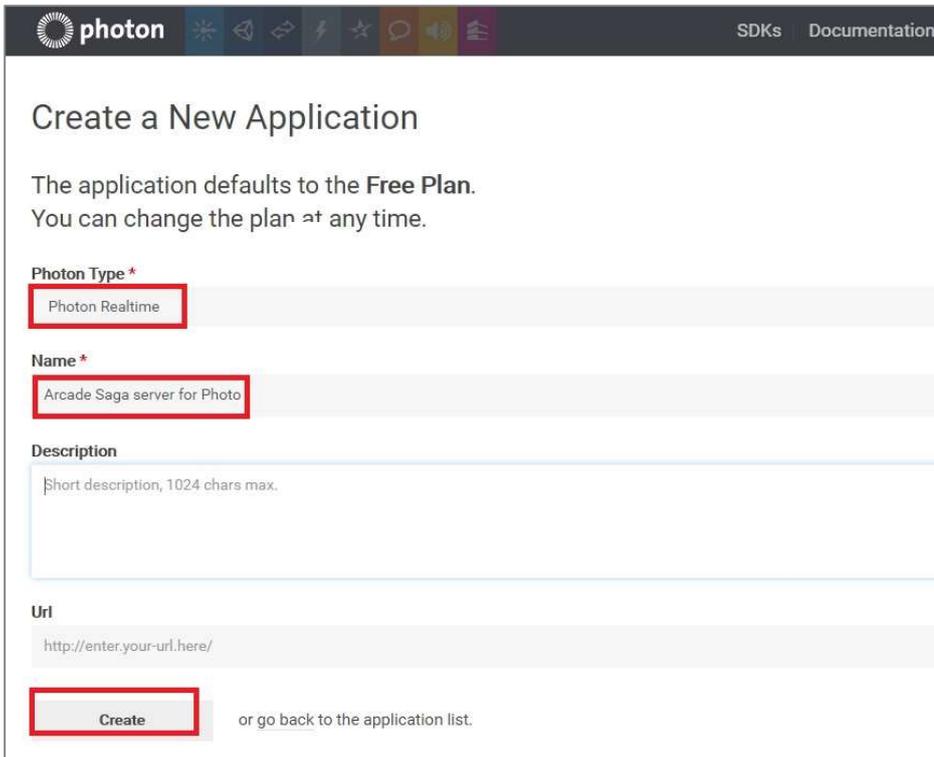
	A	B	C	D	E	F
1	10.116.49.12	5055				
2						
3						
4						
5						
6						
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[At the final steps to create application for certification (photon Realtime & photon Voice)]

### 1. Create a new app



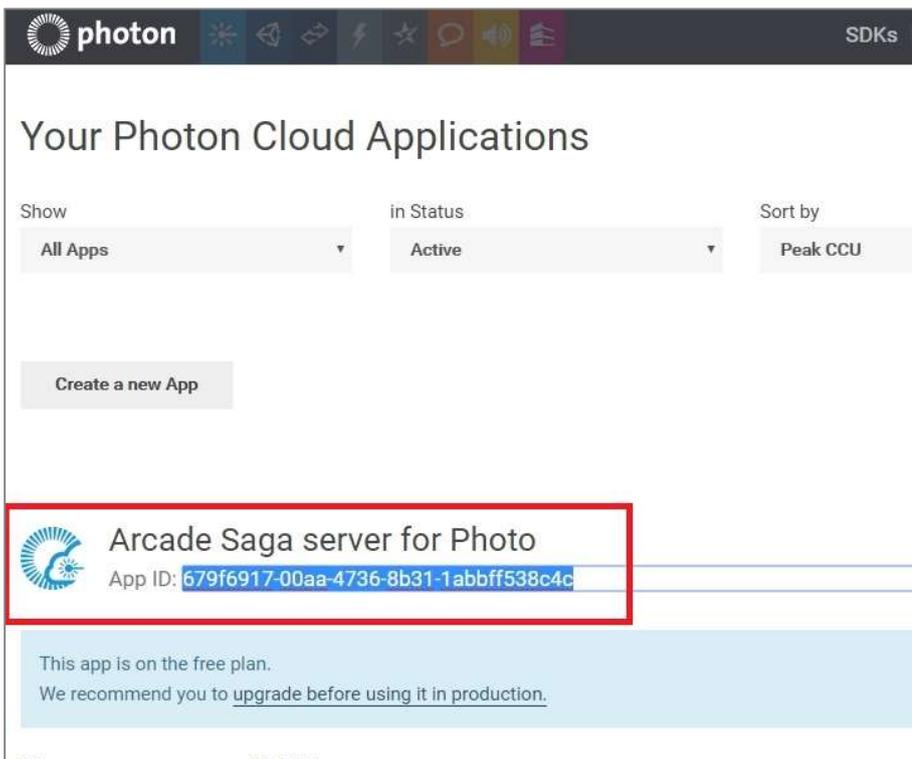
## 2. Select PhotonRealtime and input the application name



The screenshot shows the 'Create a New Application' page on the Photon Cloud website. The page has a dark header with the 'photon' logo and navigation links for 'SDKs' and 'Documentation'. The main content area is white and contains the following fields:

- Photon Type \***: A dropdown menu with 'Photon Realtime' selected. This field is highlighted with a red box.
- Name \***: A text input field containing 'Arcade Saga server for Photo'. This field is highlighted with a red box.
- Description**: A text area with a placeholder 'Short description, 1024 chars max.'.
- Url**: A text input field with a placeholder 'http://enter.your-url.here/'.
- Create**: A button at the bottom left, highlighted with a red box, with the text 'or go back to the application list.' to its right.

## 3. The new APP ID will be generated.



The screenshot shows the 'Your Photon Cloud Applications' page on the Photon Cloud website. The page has a dark header with the 'photon' logo and navigation links for 'SDKs'. The main content area is white and contains the following elements:

- Filters**: Three dropdown menus for 'Show' (set to 'All Apps'), 'in Status' (set to 'Active'), and 'Sort by' (set to 'Peak CCU').
- Create a new App**: A button below the filters.
- Application Card**: A card for the application 'Arcade Saga server for Photo'. The card is highlighted with a red box. It includes a Photon logo icon and the text 'App ID: 679f6917-00aa-4736-8b31-1abbff538c4c'.
- Plan Information**: A light blue banner at the bottom of the card stating 'This app is on the free plan. We recommend you to [upgrade](#) before using it in production.'

4. Use the same steps to create the new application

photon SDKs

### Create a New Application

The application defaults to the **Free Plan**.  
You can change the plan at any time.

**Photon Type \***  
Photon Voice

**Name \***  
Arcade Saga server for Photo Voice

**Description**  
Short description, 1024 chars max.

**Url**  
http://enter.your-url.here/

**Create** or go back to the application list.

The new APP ID will be generated.

### Your Photon Cloud Applications

Show: All Apps | in Status: Active | Sort by: Peak CCU

Create a new App

**Arcade Saga server for Photo**  
App ID: 679f6917-00aa-4736-8b31-1abbff538c4c

5. Go to C:\Users\\AppData\Roaming\ArcadeSagaPhotonSetting\PhotonAppId.csv  
Open the file by text editor

```
679f6917-00aa-4736-8b31-1abbff538c4c,679f6917-00aa-4736-8b31-1abbff538c4c
```

**Photon Realtime**                      **Photon Voice**

Make sure the same configuration need to be copied to Player 2 PC as well.