

Enabling AWS on Raspberry pi

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Tasks :-

Requirement Understanding
Installing AWS IoT Device SDK
Application Creation

Hello,

You now have access to the AWS Management Console for the account ending in -----

Sign-in URL: <https://12345678.signin.aws.amazon.com/console>

User name: Administrator

Password : password

Add user

Success

You successfully created the users shown below. You can view and download user security credentials. You can also email users instructions for signing in to the AWS Management Console. This is the last time these credentials will be available to download. However, you can create new credentials at any time.

Audio configuration:-

Changing the audio output

Sudo raspi-config

Select Advanced Options and press Enter.

Now select the Option named, Audio and press Enter:

Select 1 headphones and press Enter.

Reboot

Installation:

Run the following command to install the packages:

```
$ sudo apt-get install libasound2-dev
```

```
$ pip3 install simpleaudio
```

Audio Python Code:-

```
import simpleaudio as sa  
wavFile = input("Enter a wav filename: ")
```

```
w_object = sa.WaveObject.from_wave_file(wavFile)  
p_object = w_object.play()
```

Reference :

<https://www.raspberrypi.org/documentation/configuration/audio-config.md#:~:text=If%20your%20HDMI%20monitor%20or,output%20via%20the%20headphone%20jack.>

https://linuxhint.com/play_sound_python/