PiSignage Basic Setup Document

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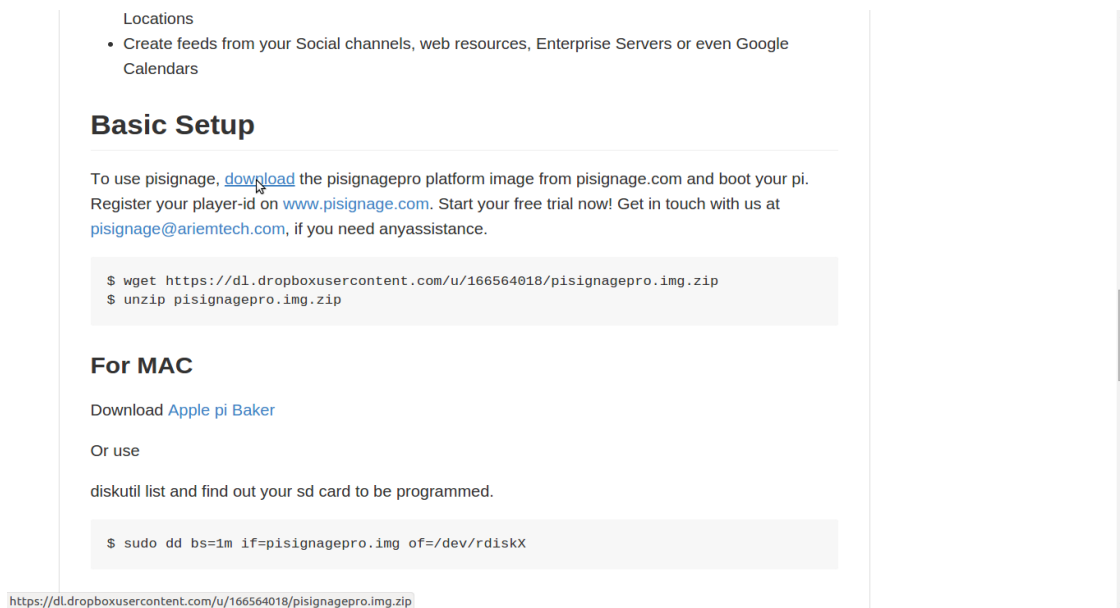
1) PiSignage Image

You can either download Disengage prebuilt image or create your own image on top of raspbian SD card. We recommend using PiSignage prebuilt Image

Download Instructions

Visit https://github.com/ariemtech/piSignage and   Download the image by clicking "download" link

Locations
- Create feeds from your Social channels, web resources, Enterprise Servers or even Google Calendars

Basic Setup

To use pisignage, download the pisignagepro platform image from pisignage.com and boot your pi. Register your player-id on www.pisignage.com. Start your free trial now! Get in touch with us at pisignage@ariemtech.com, if you need anyassistance.

```
$ wget https://dl.dropboxusercontent.com/u/166564018/pisignagepro.img.zip
$ unzip pisignagepro.img.zip
```

For MAC

Download Apple pi Baker

Or use

diskutil list and find out your sd card to be programmed.

```
$ sudo dd bs=1m if=pisignagepro.img of=/dev/rdiskX
```

https://dl.dropboxusercontent.com/u/166564018/pisignagepro.img.zip

Unzip the file

File unzip will fail if the image is partially downloaded.

Burn the Image

For Linux User

Burn the image (.img file) on SD card using "**Image-Writer**" software.
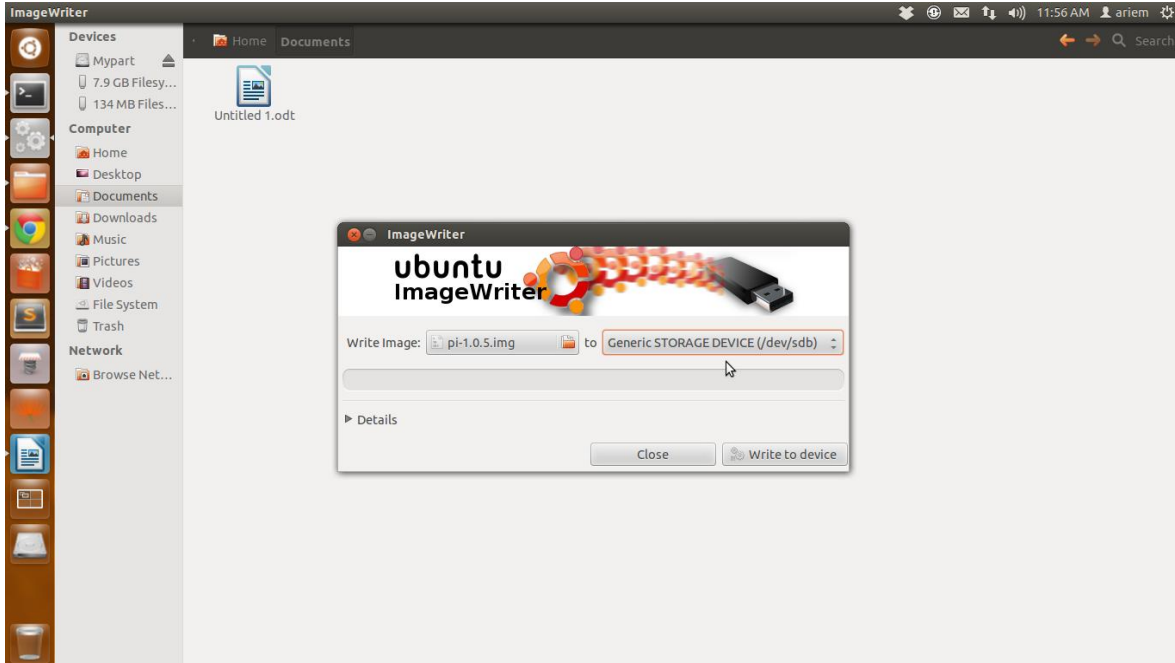
For windows User

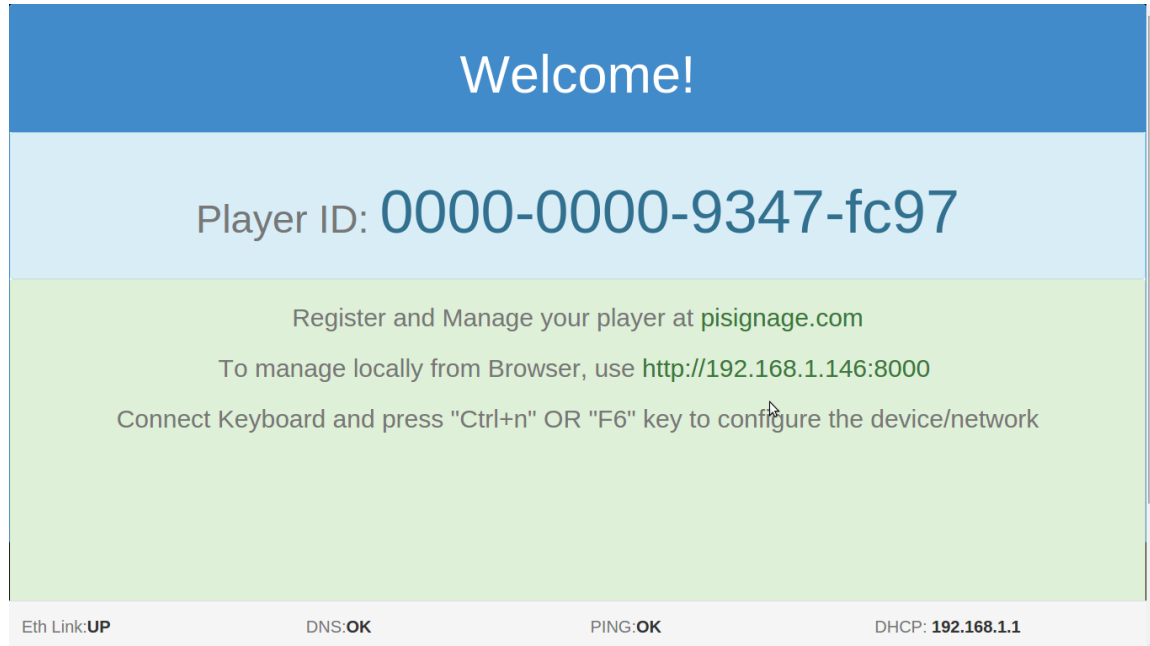Burn the image (.img file) on SD card using "**windisk-32 images**" software.

For Mac User

Burn the image (.img file) on SD card using **"Apple Pi Baker"** software.

We recommend using Minimum of 8GB class 10, micro SD-card. Here are screenshots of image writer on Linux.

Remove the card safely and insert it in raspberry pi. *Automatic file expansion will take place to utilize maximum space on the SD card. The same image will work for 4GB,8GB...32GB SD cards*. After file system expansion, pi will reboot again and shows welcome screen is shown as below.

Note down the Player ID: 0000-0000-9347-fc97 and IP address 192.168.1.146:8000. Valid IP address is shown if network is already working.
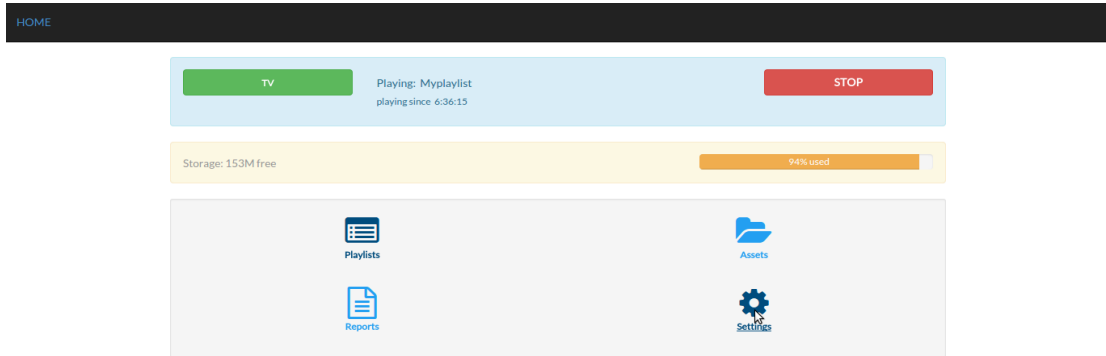
2) Network Configuration:

By default the LAN is configured in DHCP mode. To change LAN configuration or to configure WiFi, connect USB keyboard to pi-player and press 'Ctrl+n' of 'F6' key to run the network-config utility in terminal
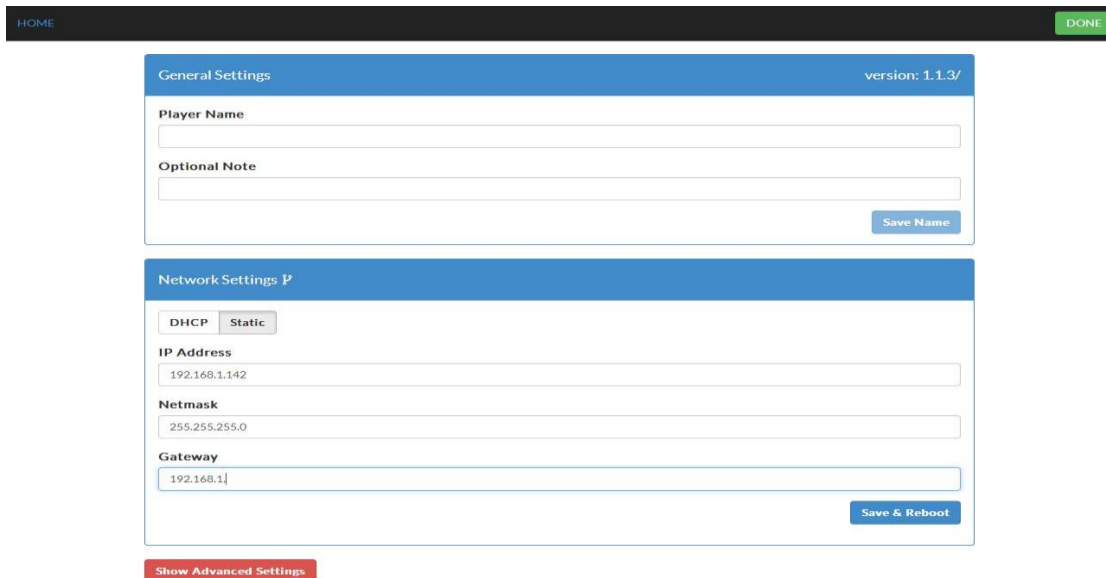
LAN Configure

GUI based

Select settings and click static button, enter your details and press Save**& Reboot**
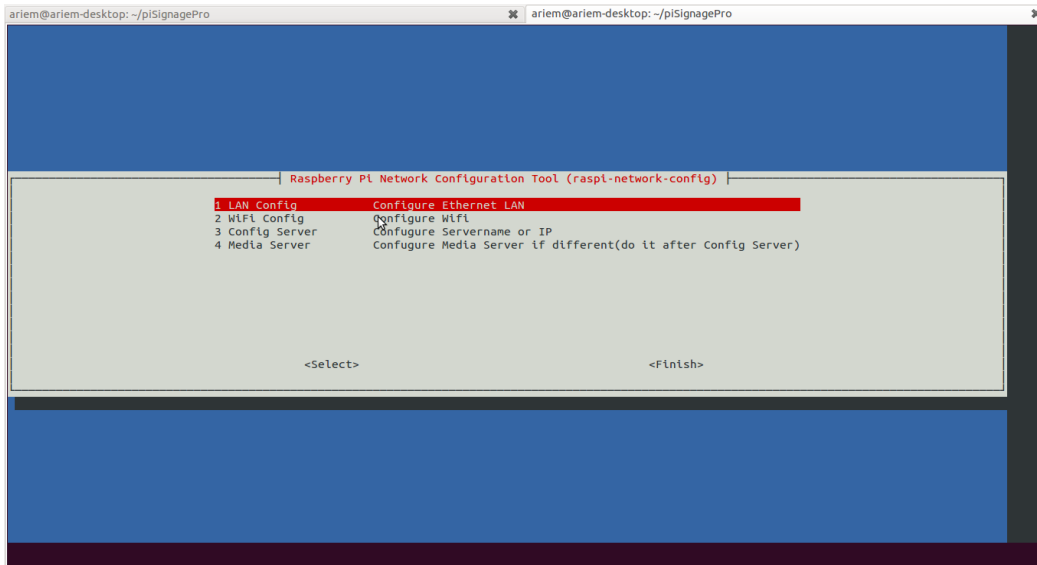
HOME

| TV | Playing: Myplaylist | STOP |
| playing since 6:36:15 |

Storage: 153M free   94% used

Playlists   Assets

Reports   Settings

192.168.1.146:8000/#/settings

HOME   DONE

General Settings   version: 1.1.3/

Player Name

Optional Note

Save Name

Network Settings ℙ

DHCP | Static

IP Address
192.168.1.142

Netmask
255.255.255.0

Gateway
192.168.1.

Save & Reboot

Show Advanced Settings

Key-board based

Connect keyboard, Press **'Ctrl+n'** of **'F6'** key and select LAN config option

Select your option between DHCP and static IP configuration and enter the required values. If you are using wifi, configure the SSID and wifi password
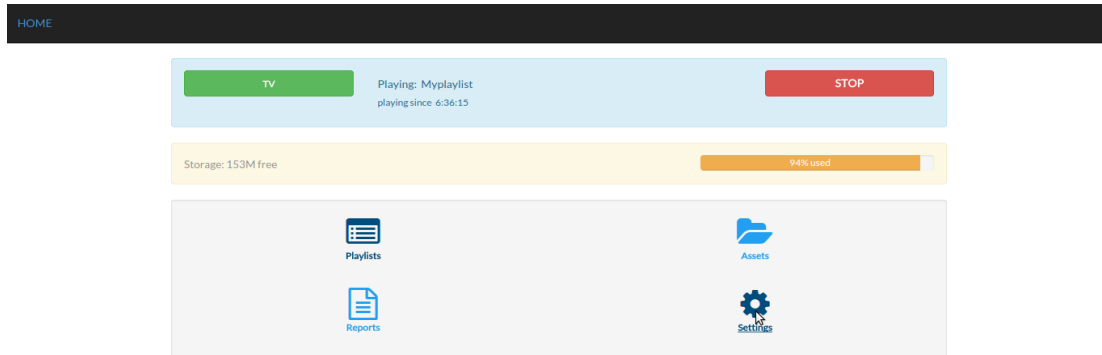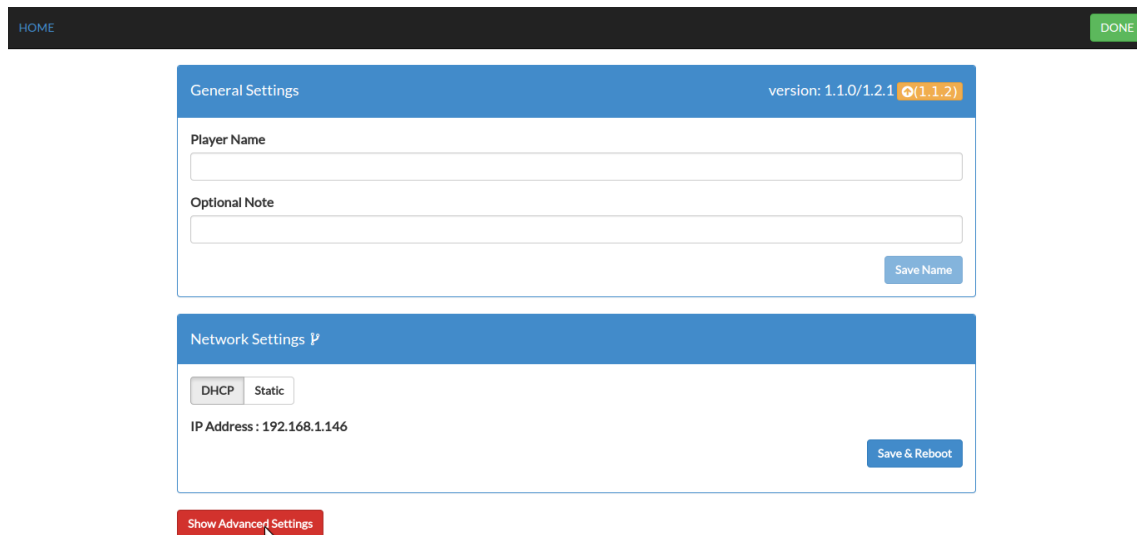
Wi-Fi Config

GUI based

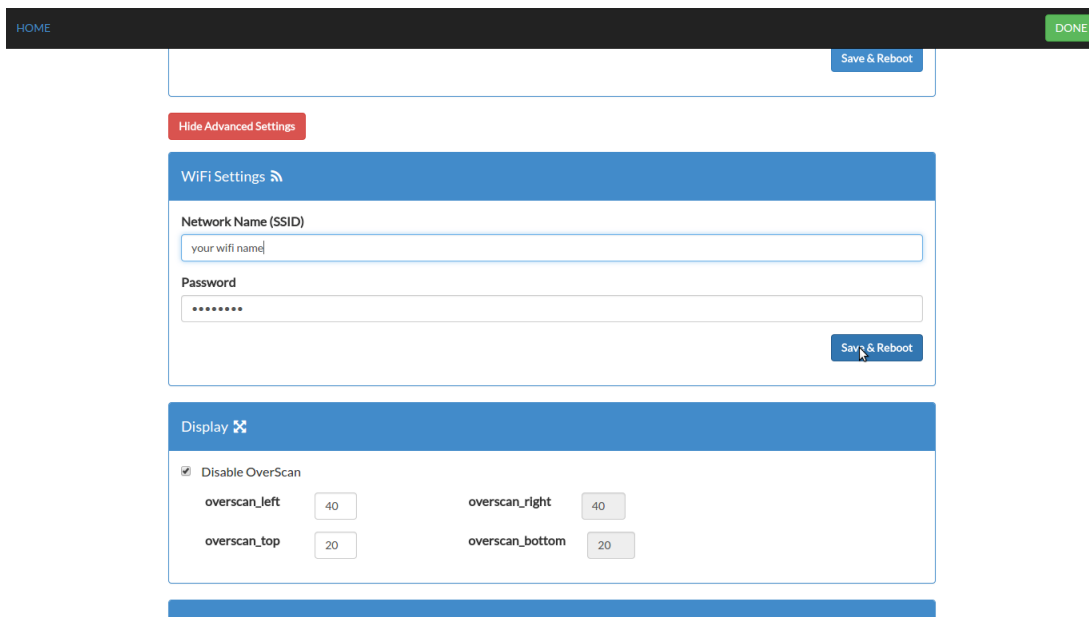Once you have configured LAN successfully, you can further configure the pi-player using local browser url http://your-pi-ipaddress:8000

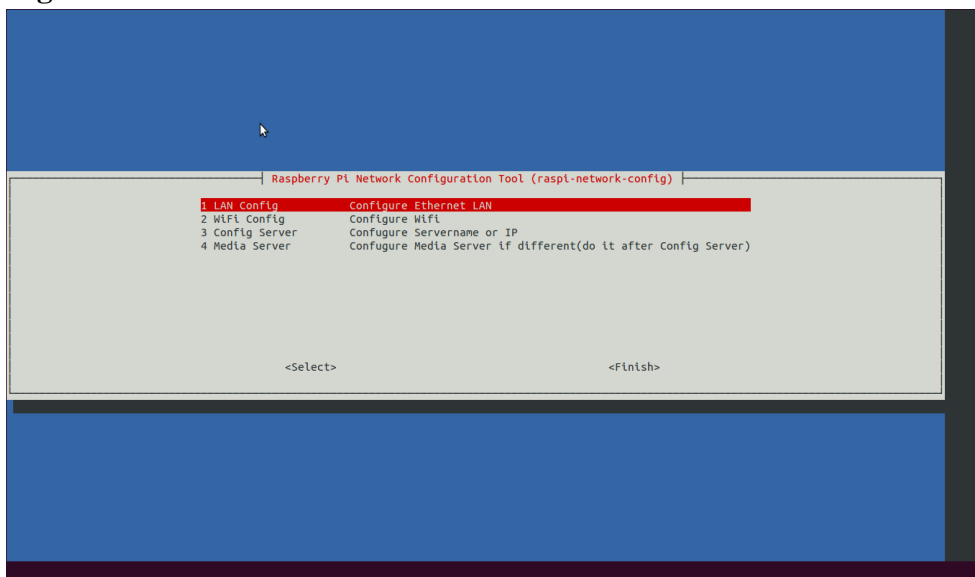Select "**settings"** click "**Advanced settings"**

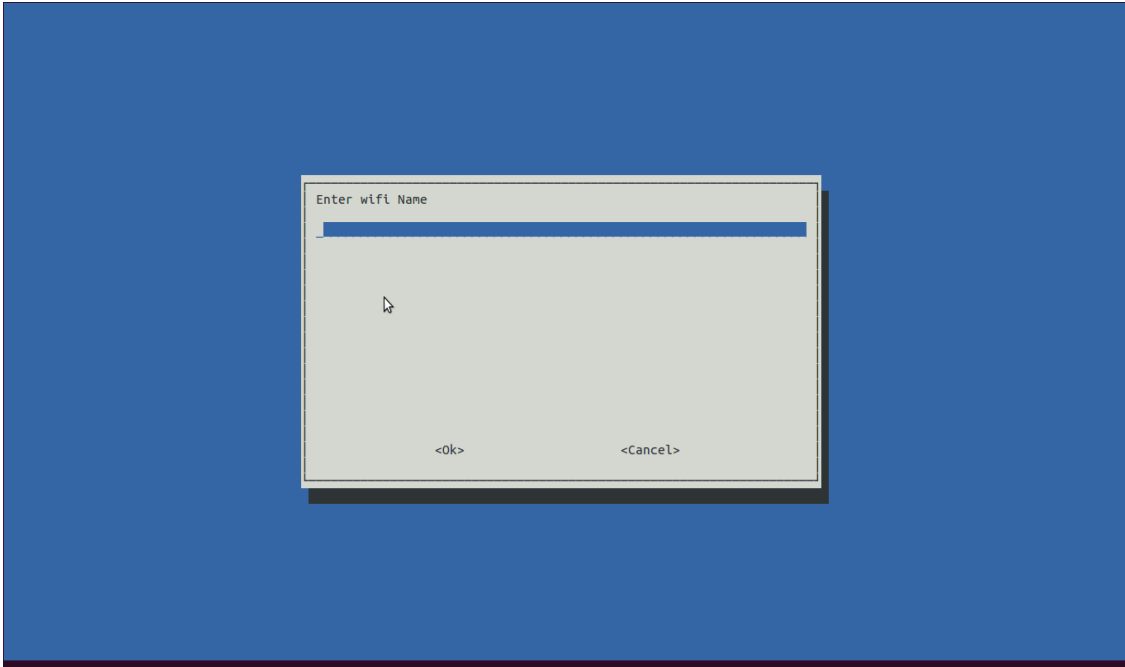Enter your Wi-Fi name and password in **Wi-Fi settings** and click "**Save and Reboot**"
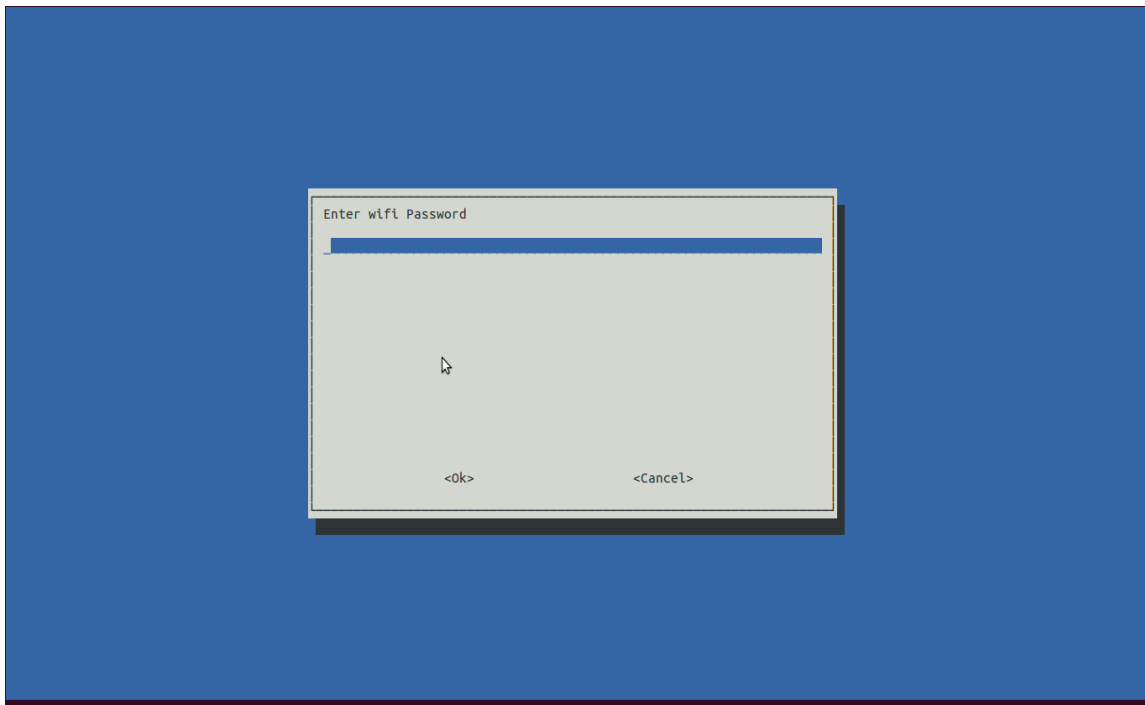
Connect your Wi-Fi dongle.

Keyboard based Wi-Fi configuration

Once pi boots to **welcome screen** plug your keyboard and press **"F6"** or **"Ctrl+n".** The pi displays network configuration screen as shown below. Using arrow keys select **wifi configure**
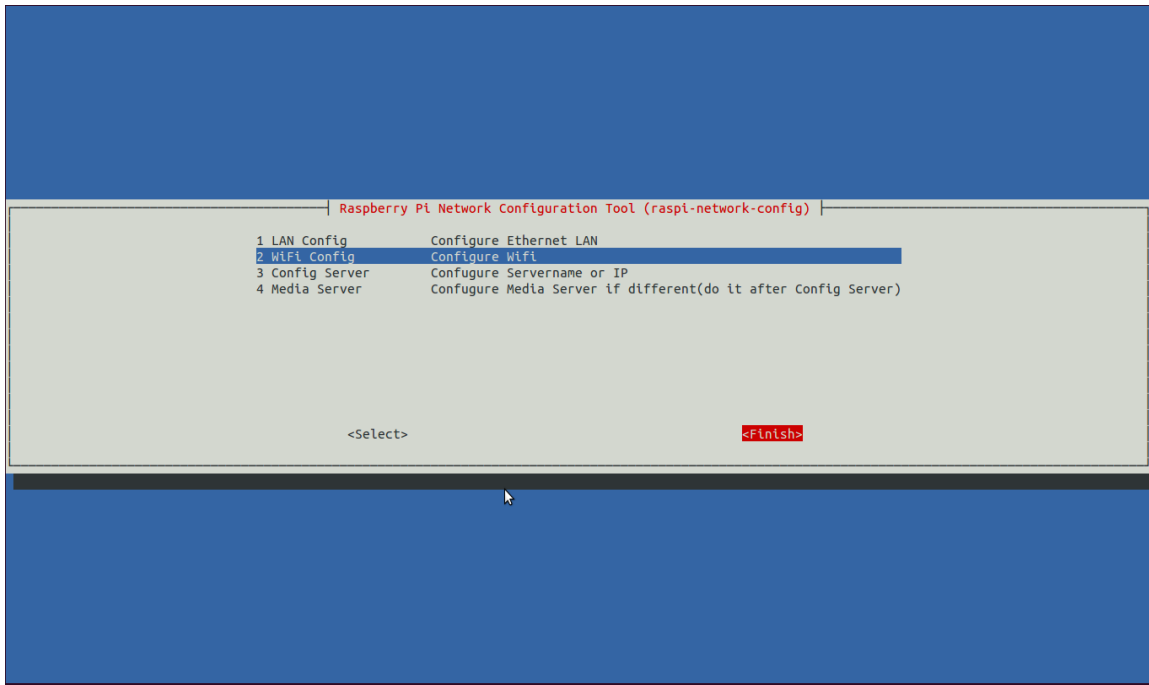
And press OK, Next enter the password

Press 'OK', Later press **Finish** in order to save your new settings

Press **Ok** when system has to reboot.

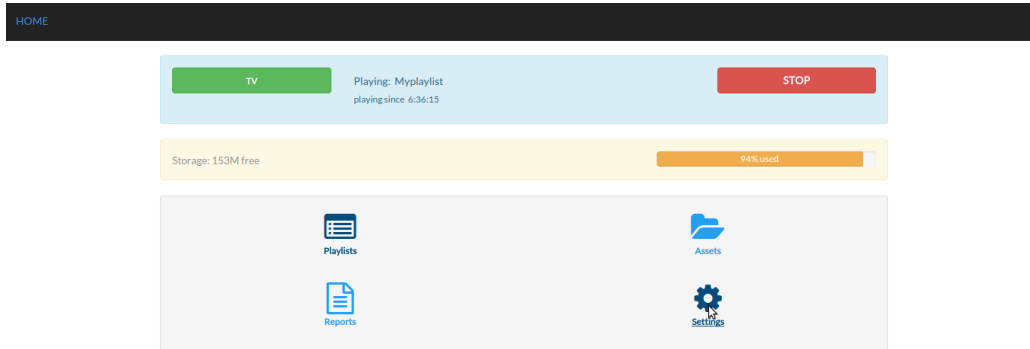Connect your Wi-Fi dongle

Config Server

Do not modify any entries in this section

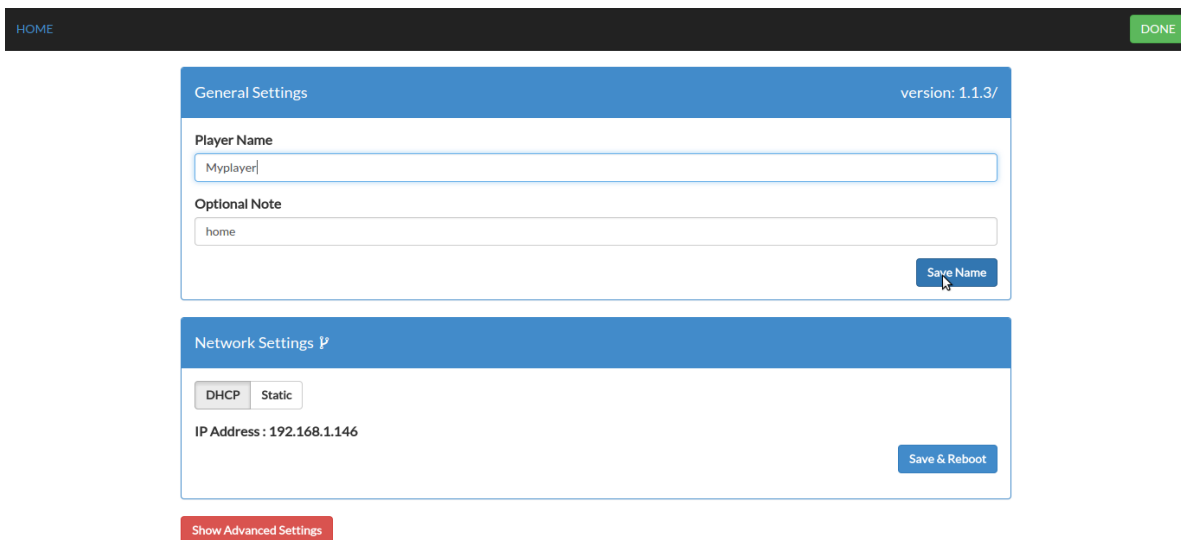## Media Server

Do not modify any entries in this section

3) Assigning name to pi-player

Open your browser url http://your-pi-ipaddress:8000 and select Settings Hostname(player name) change can be done through keyword config too.

Enter the your players new name and optional message and press **Save Name**

4) Deploy content

Now you are ready to start deploying content from following urls

 1. PiSignage cloud server http://www.pisignage.com

2. Locally using http://your-pi-ipaddress:8000

3. From your local server url, if you have deployed internal server.

Refer Deployment guide for more details.