



# Application Guide

Media WiFi Router-Platform-Portal Tool



## Contents

<b>Contents</b> .....	<b>2</b>
<b>Revision History</b> .....	<b>2</b>
<b>1 Overview</b> .....	<b>3</b>
<b>2 Description</b> .....	<b>3</b>
2.1 FreeWiFi Portal Tool.....	3
2.2 Edit Portal Contents.....	4
2.2.1 Content Update .....	4
2.2.2 Advertisement Update .....	7
2.3 Update Portal.....	8
2.3.1 Local Replacing .....	8
2.3.2 Remote Pushing.....	9
<b>3 Media Format</b> .....	<b>11</b>

## Revision History

Updates between document versions are cumulative. Therefore, the latest document version contains all updates made to previous versions.

Doc Version	Product	Release Data	Details
V1.0	Media WiFi Router	2018.01.09	First Release

# 1 Overview

Hongdian Media WiFi Router is the WiFi hotspot product providing local media (or portal) and Internet surfing with 3G/4G or Ethernet connection. The product model includes H9303, H9350 and etc.

The Media WiFi Platform (also called FreeWiFi Platform) is for remote monitoring and managing Hongdian Media WiFi Router.

This article introduces portal-tool of the FreeWiFi Platform, which provides the visual portal update for the platform administrator, and shows how to update the local resource of the WiFi Router including the advertisement, media pushing, and etc.

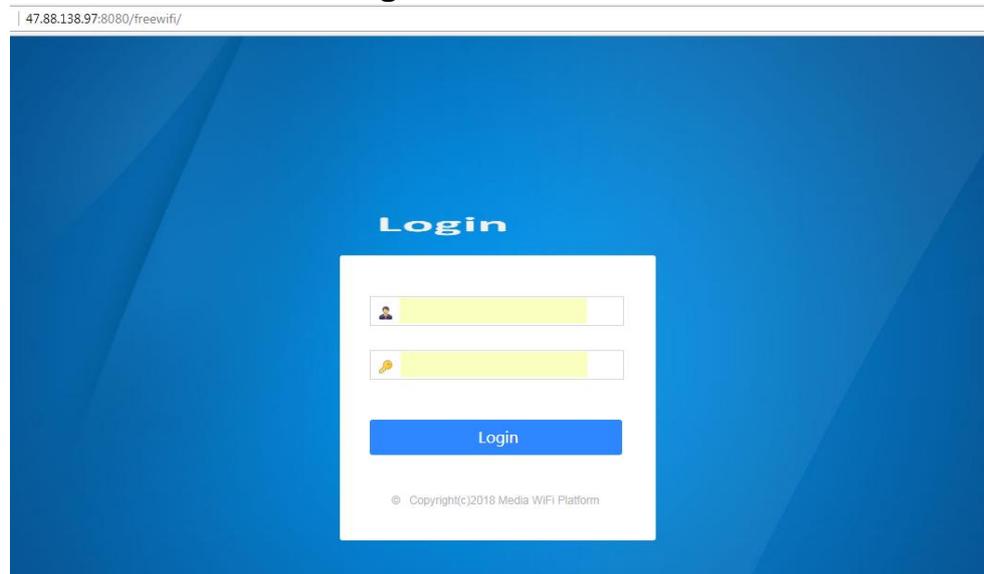
## 2 Description

### 2.1 FreeWiFi Portal Tool

After you have installed the freewifi platform (platform version 6.2 or higher) on your CentOS server, you can visit the platform URL to access the portal tool web page.

Generally, the platform management page login URL is "Server IP:port/freewifi", while portal tool page login URL is "Server IP:port/portal-tool ", such as below.

#### Media WiFi Platform Page



## Portal Tool Page

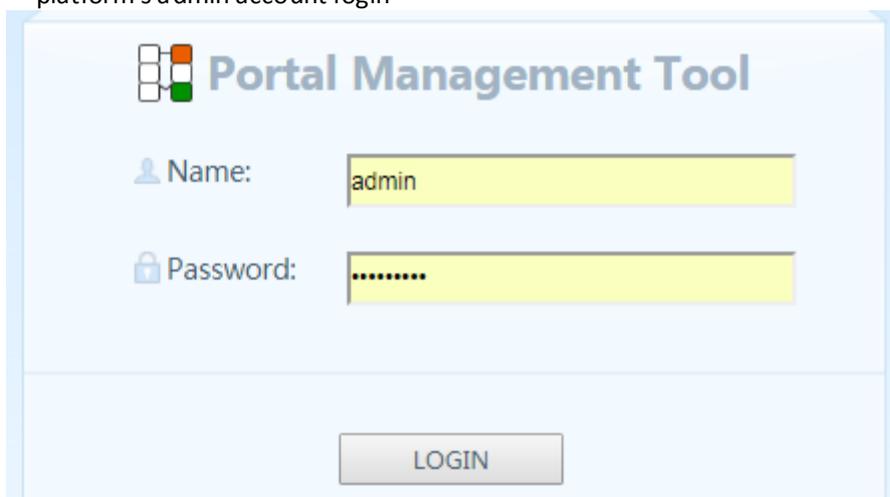


Please use platform admin account login, password is the same with Media WiFi Platform.

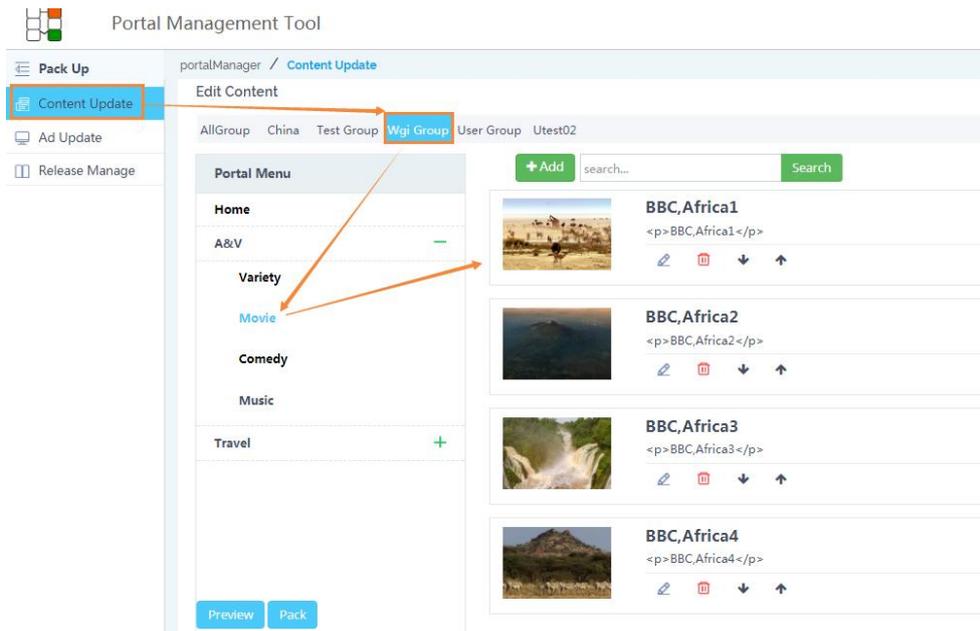
## 2.2 Edit Portal Contents

### 2.2.1 Content Update

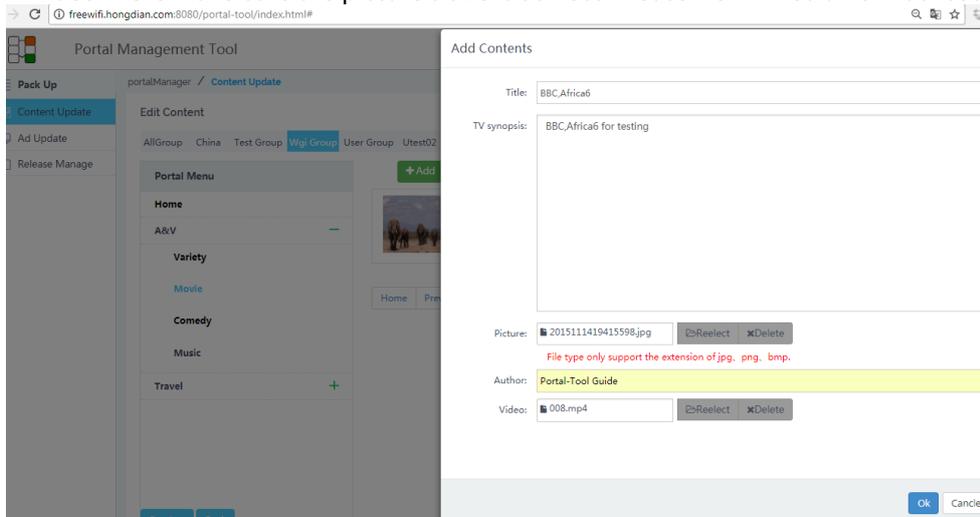
1. Visit the portal tool URL "Server IP:port/portal-tool", such as <http://47.88.138.97:8080/portal-tool>, use platform's admin account login



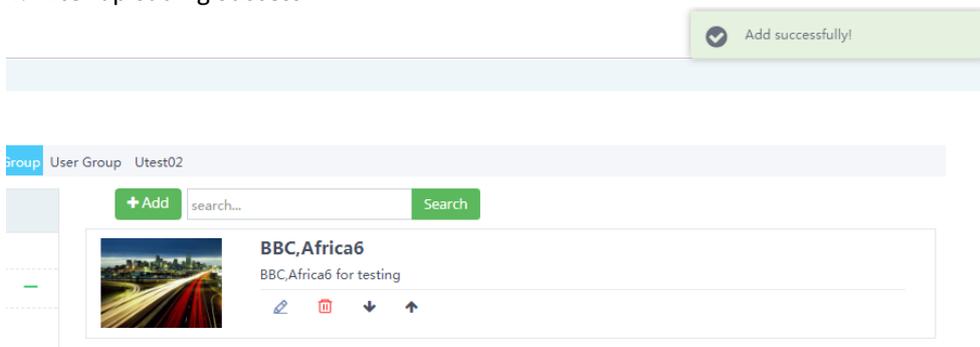
2. Select a group, and then click the contents for editing, such as add/change/delete a movie content.



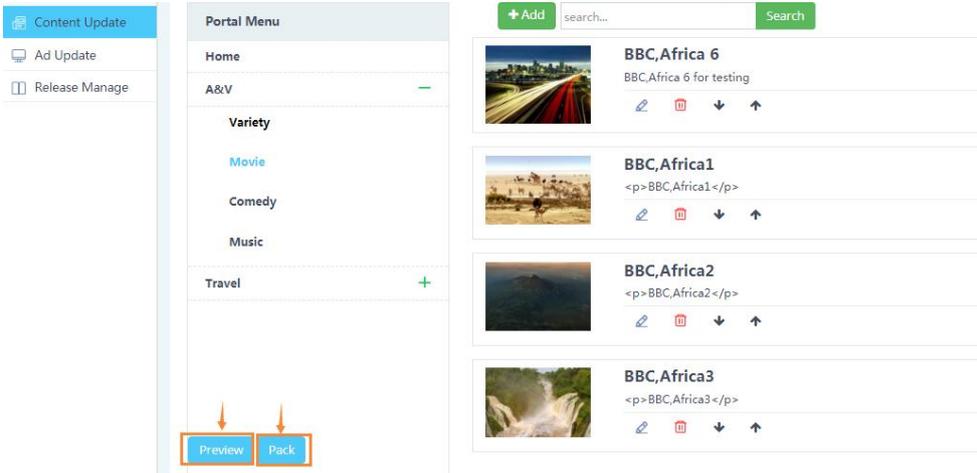
3. If we click "Add", we can add a move named "BBC,Africa6", as below, and upload a jpg picture and a mp4 video. Here make sure the picture's size is correct. Please view "Media Format" section for help.



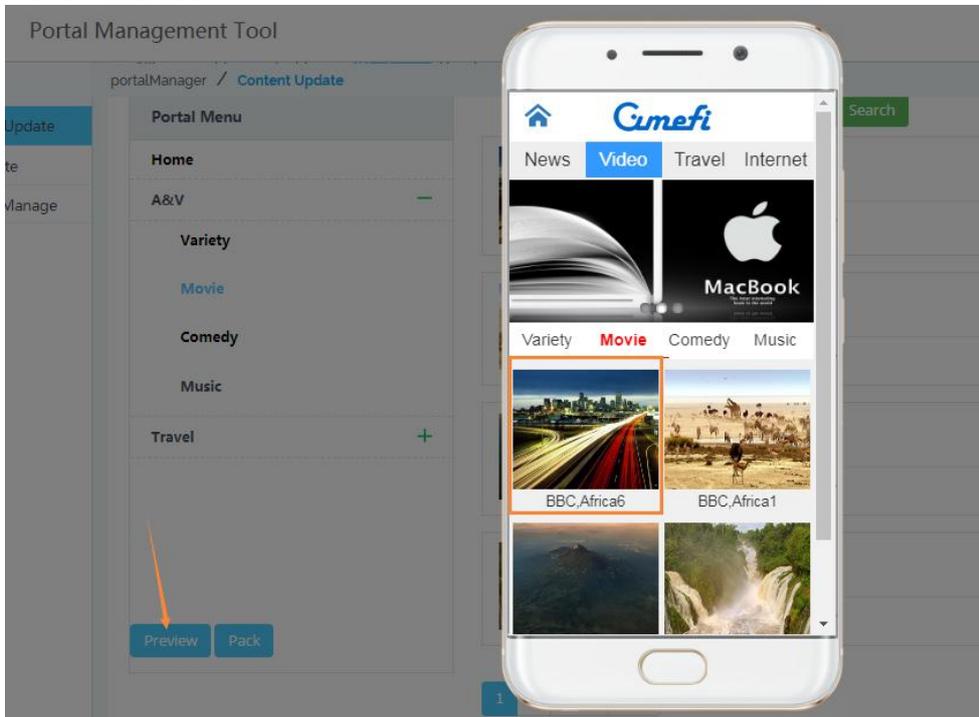
4. After uploading success



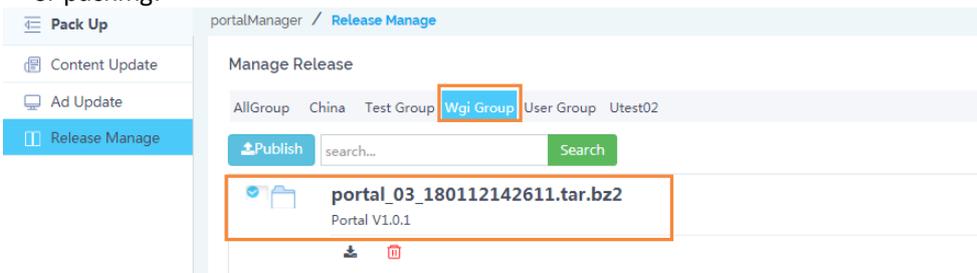
5. Click "Preview", to view the effect, and click "Pack" to pack up it.



Preview is as below:



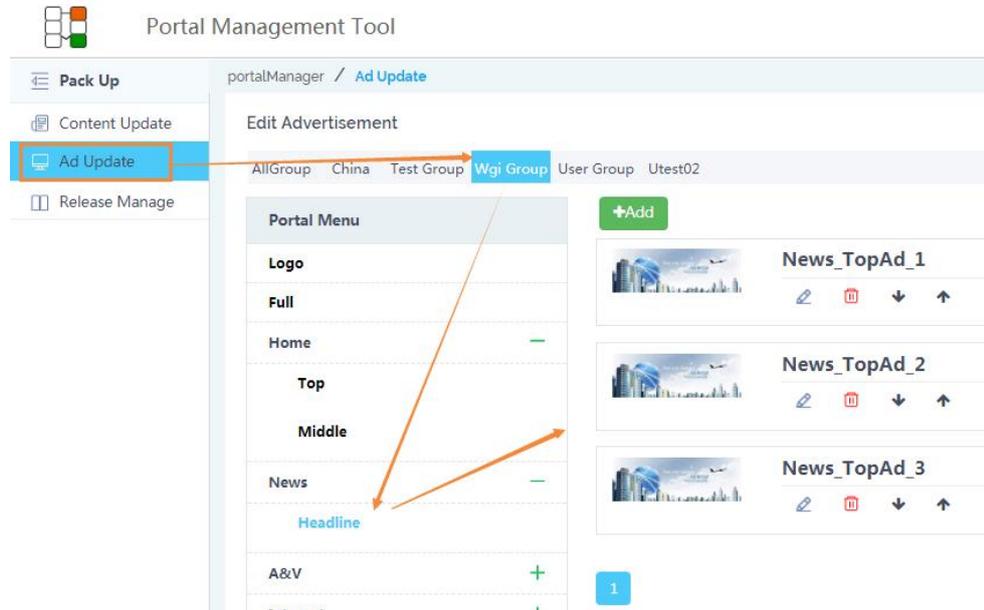
6. After packed up it, enter "Release Manage", select the group, you can view the portal package for downloading or pushing.



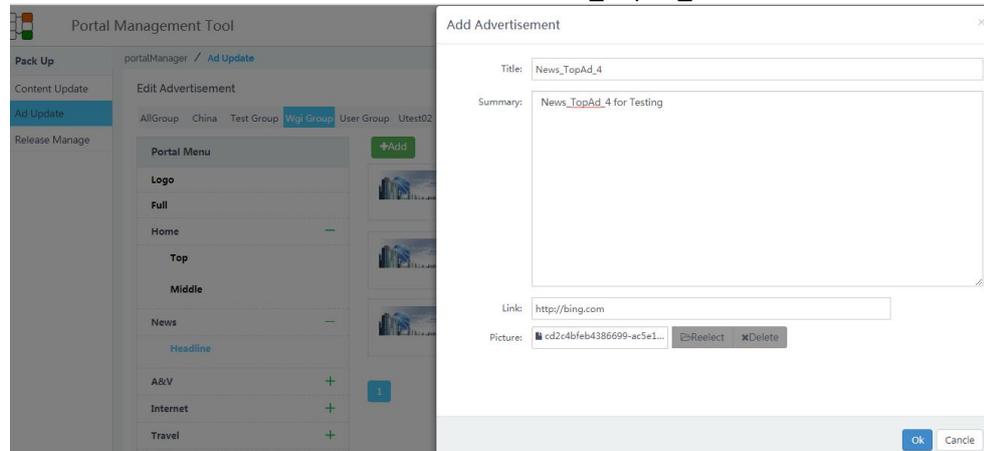
## 2.2.2 Advertisement Update

This part is for the advertisement updating, and the operation steps is similar with 2.2.1.

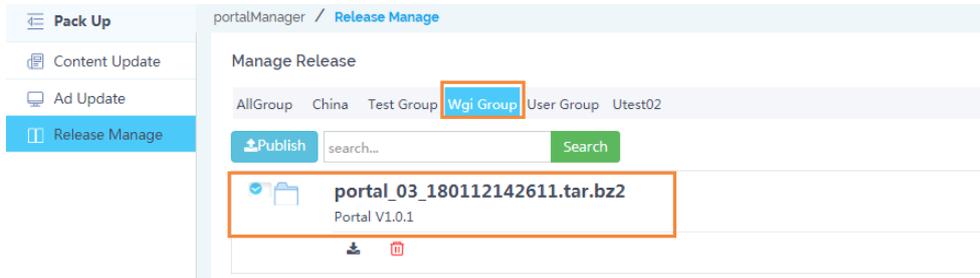
1. Enter "Ad Update" panel and select a group. You can add/delete/modify the advertisement



2. Such as click "add" to add an item named "News\_TopAd\_4" as below.



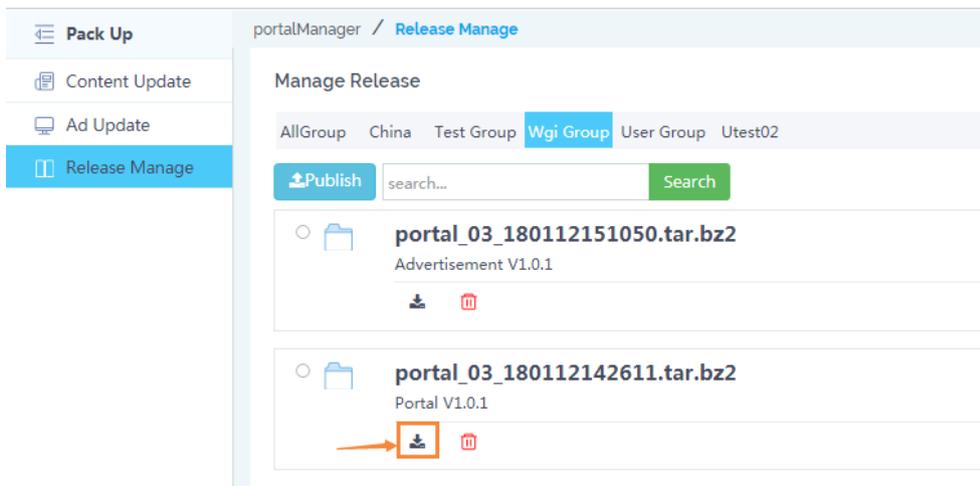
3. Click "Preview", to view the effect, and click "Pack" to pack up it.
4. After packed up it, enter "Release Manage", select the group, you can view the portal package for downloading or pushing.



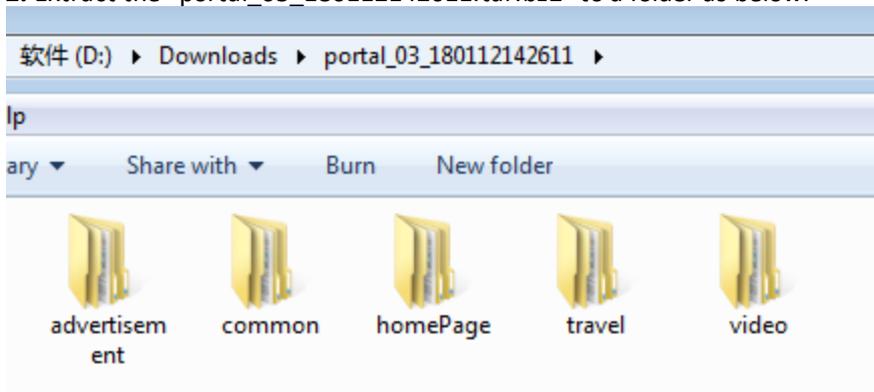
## 2.3 Update Portal

### 2.3.1 Local Replacing

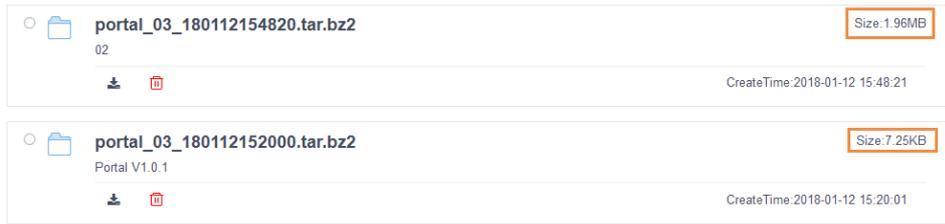
1. Download the portal package.



2. Extract the "portal\_03\_180112142611.tar.bz2" to a folder as below.

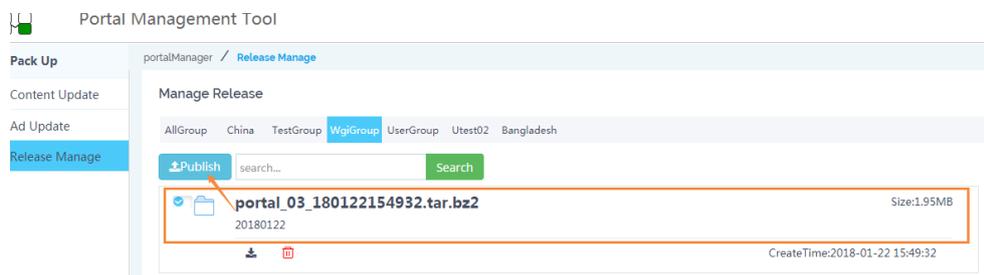


3. If pack up error, the folder would be empty. As below, the portal which size is 7.25KB, may be packed up error. It is mainly because the pictures (and etc) are not meet the format.

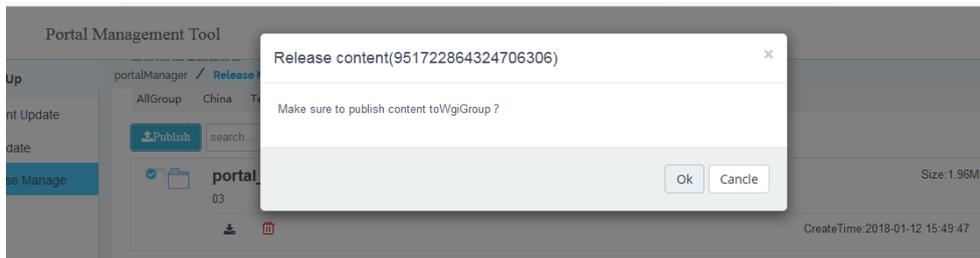


## 2.3.2 Remote Pushing

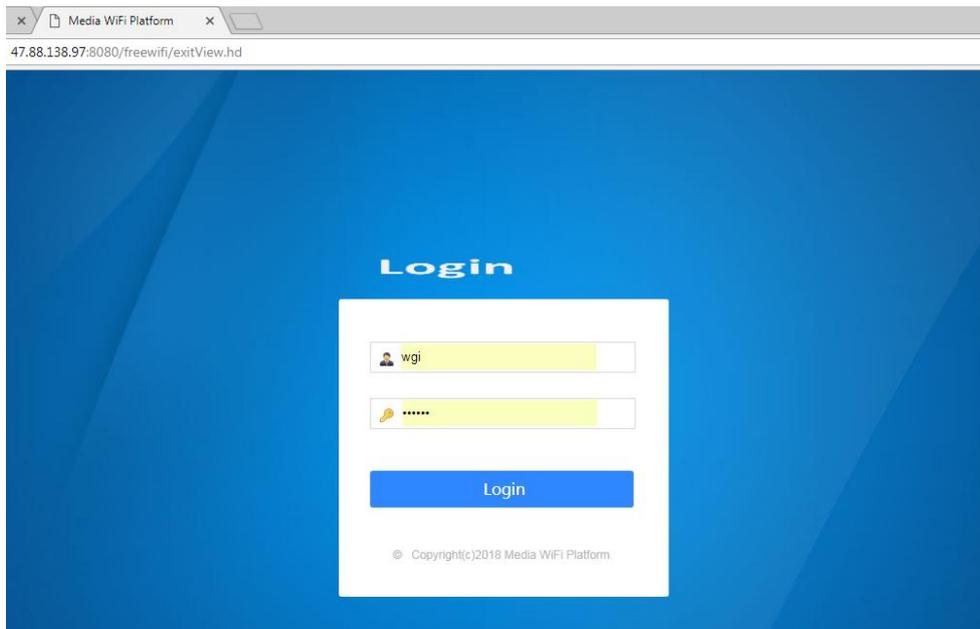
1. Enter the Release Manage Page, select a group, select the package to publish as below.



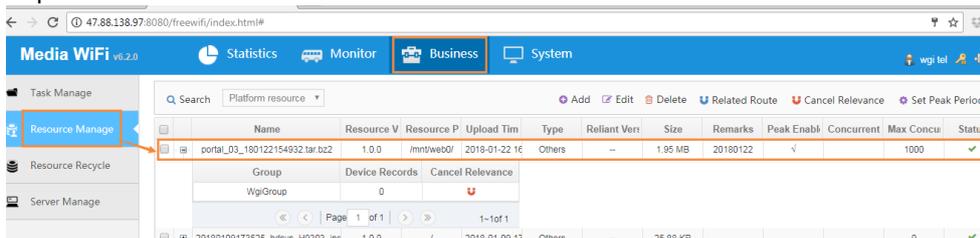
2. It shows the tips to publish to Wgi Group as below.



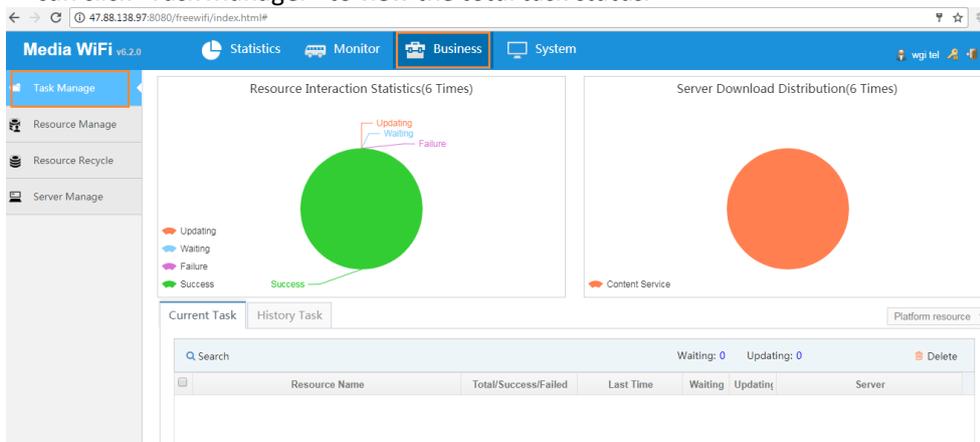
3. Turn to Media WiFi Platform for checking. Login with the group manager account.  
<http://47.88.138.97:8080/freewifi/exitView.hd>



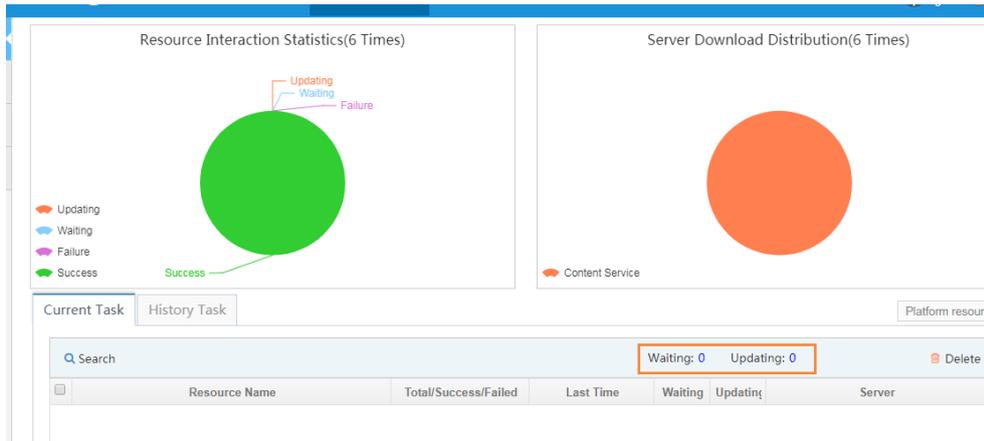
4. The portal can be shown in "Resource Management" , as below. It can be pushed to the terminal by the platform.



5. When the terminals of the group are online, the platform will push the update resource to the terminals. We can click "Task Manager" to view the total task status.



6. The pushing will not start if there is no terminal online, as below. If your task status also shows empty, please make sure the terminals are available and online.



### 3 Media Format

1. Please read "Media WiFi Router Resource Requirement Details.xlsx" for the media format settings of the portal, including pictures, audios and videos.

Resource Type	AD Image					
Description	Full AD	Home Horizon AD	Home Vertical AD	News Top AD	Variety Top AD	Movie Top AD
Pixel	640*960	640*284	282*330	640*284	640*284	640*284
Image Format	Jpg	Jpg	Jpg	Jpg	Jpg	Jpg
Image Demo						
Resource Type	Video Image					
Description	Variety	Movie	Comedy	Music		
Pixel	236*157	236*157	236*157	308*180		
Image Format	Jpg	Jpg	Jpg	Jpg		
Image Demo						
Resource Type	Video Resource					
Description	Variety	Movie	Comedy	Music		
Video Format	mp4	mp4	mp4	mp3		
Video Resolution	480P (512KBps)	480P (512KBps)	480P (512KBps)	Null		
Video Compression Mode	AVC(H264)	AVC(H264)	AVC(H264)	Null		
Audio Format	AAC	AAC	AAC	Null		
Audio Bit Rate	128KBps	128KBps	128KBps	Null		



*Create smart things*



## **Contact us**

---

 F14 - F16, Tower A, Building 14, No.12, Ganli 6th Road, Longgang District, Shenzhen 518112, China.

 +86-755-88864288-5

 +86-755-83404677

 hongdianchina

 [www.hongdian.com](http://www.hongdian.com)

 [sales@hongdian.com](mailto:sales@hongdian.com)

 Hongdian\_China