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# Application Guide Wedora Cloud-Router-Upgrade



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#### **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	M2M Cloud Platform	2017.09.22	First Release

# **1 Overview**

Wedora Cloud is the M2M Cloud Management Platform for Hongdian M2M products including routers, DTU, and etc.

This article is on the basis of the wedora user manual, and introduces how to remote upgrade the firmware of Hongdian router via Wedora platform.

## **2** Description

#### 2.1 Upload the firmware package

The upgrade package is a prerequisite for equipment upgraded. Generally, it is managed by the organization to upload the upgrade packages and specify the path.

 Select "System > File resource>Upload resource" to upload the upgrade file with the type of \*.trx file (or \*.bin), as the figure shows below.



u collapse	⊒	U	pdate firm	ware Parar	m template
rsonal panel					
onitor		FI	le name	▼	Q VUpload resources Delete resources Distribution
eration					File name File version size
		1	<b>a</b>	<u>/H89</u> 2	2 Upload resources
sk		2		<u>/H8922S</u>	File type: Resource file
stem		3		/mnt/upo	
Role manage					Update file: 0D-LT1_APP_VI.0.8_10102
User manage				<u>/H892</u>	Update path: /mnt/update/ *
Ŭ		5		<u>/H892</u>	22 Version: APP_V1.0.8_161026193 *
Group manage		6		<u>/H892</u>	
File resource		7		/mnt/upd	da Note:
Notification		8		/mnt/u	
Log manage		9		/mnt/update/	B Submit Cancel

Select firmware file



#### 2.2 Upgrade devices

1. You can upgrade selected devices by "Terminal status ->More->Terminal update ", as below.

	Bo	x No.			<b>Q</b> ~ Termin	al reboot Pa	ram config	More -
Personal panel		State 🜲	Terminal info	Box No.	Express box No	Group	IP	Terminal export
Monitor V	<b>V</b>		LTE1701HL1600154	ROUTER	IOTLTE	Axilant	112.96.33.1	Express box No. Check files
E Terminal status		_	22R201611HH30	ROUTER	1	Default_Group	112.97.50.	Sync Param
Terminal info			LTE1701HH16001	ROUTER		Axilant	117.136.40.	Terminal update
/// Offline terminal	•				III			Location Centice Terminal update Export IPFIX
								Export in the

2. Then select the "Update file" in the pop up dialog (The file is uploaded by "System ->File resource" before), as below.

	LTE1701HL160015	4 ROUTER	IoTLTE	Axilant	112.96.33.132
	Terminal update			1	×
•	Reboot now	Peak shieldin	ig		1
	Update file:	/mnt/update/H8922	S_APP_V7.0.2	2_T1_axilant_17	01 🗨
		Please select a fi			
		/mnt/update/H8922 /mnt/update/IoTLTE			
			-	Confirm	m Cancel

3. You can view the task status by "Task ->Terminal update", as below.



**4.** The task was successfully created, but it was not over. After upgrade task message turn to "Succeed", you can login the router's configuration webpage (mostly 192.168.8.1), to view its software version for verification (Some routers can't be upgraded by the platform, because of their flash limit.)

## 2.3 Upgrade all devices of group

If you are planing to upgrade a large number of devices, it may be inconvenient to check each box of the devices, so you can upgrade all the devices of a group. This section shows you how to assign the devices to a group, and then upgrade in group.

#### 2.3.1 Assign to group



1. Add a group in the panel "System->Group manage", as below.

It will show the tips as below, and the group is added.



Monitor	~	Bo	ix No.	<b>v</b>			a ~ /	Adjust	group	Import	erminal	Download	d template	Operate
Monitor list				Status 🜩	Status	Ter	minal SN		Box No	. Tern	ninal grou	p IP		First login
Terminal manage	ge 🚽	-4		1	<b>2</b> (0)	<u>51R170</u>	2HH1400243	2	Router		Test	<u>158.106.9</u>	<u>8.166</u> 201	7-08-01 14:3
/// Offline terminal		2	۲	1	<b>2</b> (0)		510ZH26002		Router		Test	112.224.6	57.213 201	7-08-01 09:
🚯 Map view		3	۲	1	24)	21R A	djust grou	p						
Operation	<	4		1	<b>2</b> (0)	<u>25R</u>	All groups	Defau <mark>t</mark> (	Group	DCS Test	Test	NOC	Test1	
		5		1	2(21)	<u>20R</u>	Henry_Grp	A_Grou	p					
) Task	<	6		1	2(18)	<u>22R:</u>		A	Group					
System	<	7		1	<b>2</b> (0)	<u>25R:</u>								
		8		1	31)	<u>922:</u>								
		9		1	<b>2</b> (0)	ute						$\searrow$		
		10		0	(0)	<u>51R</u>							Submit	Cancel

2. Select the devices and click "Adjust group" in "terminal manage" panel, as below.

 Tips 4Terminals are grouped

#### 2.3.2 Upgrade in group

1. Enter the panel "Update firmware" in "System->File resource", select a firmware file, and click "Distribution group" to choose one or more groups for upgrading, as below.

(Note: the "Est. time" means the execution time, if its values less then current time, the group's devices will start the upgrade tasks immediately, wherein, if the device is offline, once it is turn to online, it can start to upgrade within 10 seconds.)

WICHINI 10 50		a										
Menu collapse	<u>a</u>		Up	odate firmware	Param template							
Personal panel			-									
Monitor			Fil	e name 🔻		(	Q V Upload re	esources	Delete resources Distribution	group	Check re	esources
Operation							ile name		File version		size	U
			1	1	<u>/H89225 A</u>		Distribution grou			х	35MB	2017-
Task			F		/H89225_patch		-				274КВ	2017-
System			3		/mnt/update/h	189225	All groups Defaul Test1 (1) Henry_G		5) DCS Test (1) Test (0) NOC (3) Group (4)		60MB	2017-
lacktriangle 🕹 🕹		$\langle$	4		/H89225_FV	V V7.0.	Est. time	201	17-10-13 00:00:00		63MB	2017-
🔏 User manage			5		<u>/H89225_A</u>	PP V7.0	Est time		17-10-13 00.00.00		85MB	2017-
📰 Group manag			6		<u>/H89225 AF</u>	P V7.0			$\langle \rangle$		60MB	2017-
📥 File resource	/		7		/mnt/update/H	189225			$\langle \rangle$		60MB	2017-
Notification			8		/mnt/update,	<u>/H8922</u>			<b>\</b>		60MB	2017-
📝 Log manage			9		/mnt/update/H892	25 APP			Submit Ca	incel	35MB	2017-

It will show the tip after the resource file is related to the group.



Menu collapse 🛛 🖻		
A Personal panel	6	Failed : 1times Rate : 14.29% Rate : 0%
🗣 Monitor 🧹	Current of the second s	Succeeded : Otimes Rate : 0%
Geration <		
📣 Data manage 🛛 <		Unexecuted : 6times Rate : 85.71%
📋 Task 🛛 🗡	0 10-07 10-08 10-09 10-10 10-11 10-12 10-13	
Terminal reboot	Executing Output Unexecuted Succeeded Failed	Executing     Unexecuted     Succeeded     Failed
Terminal update	Schedule upgrade Upgrade history	
Parameter config	Terminal SN	Unexecuted Executing
Q Location service		Unexecuted Executing
Parameter backup	Terminal SN Box No. Last interaction Task createTime Upgrade filename	Upgrade begin Upgrade progress Upgrade result
🔁 Task information	Operation         COUTER_1         2017-10-13 16:31:55         2017-10-13 16:27:41         hdsys_H8922_mo	0%, (0s) Unexecuted
🔅 System <	Intest0000000001         2017-09-30 11:36:51         2017-10-13 15:45:31         hdsys_H8922_mo	0%, (0s) Unexecuted
· · · · · · · · · · · · · · · · · · ·	Ihtest0000001         2017-09-27 15:38:32         2017-10-13 15:45:31         hdsys_H8922_mo	0%, (0s) Unexecuted
	Ihtest0000002         2017-09-27 15:38:32         2017-10-13 15:45:31         hdsys_H8922_mo	0%, (0s) Unexecuted
Software version:V1.0.0	Intest0000000002         2017-09-30 11:36:51         2017-10-13 15:45:31         hdsys_H8922_mo	0%, (0s) Unexecuted

### 2.4 Undo upgrade

This section shows how to cancle the device upgrade task.

1. Enter "Schedule upgrade" of "Terminal update" panel, which shows the unexecuted tasks. Click "Delete unexecuteds" to delete the selected items, as below.

Menu collapse 🛛 🖻					
☆ Personal panel	6 data				
🖳 Monitor 🧹	4				Si Ra
Geration <		elete unexecuteds	×		
📣 Data manage 🧹 <	<b>ÖÅ</b> 2				
🗐 Task 🗸 🗸	0 10-07 10	. Confirm to revoke the wait	ing tasks?	10-13	
Terminal reboot	•				
Terminal update	Schedule upgrade Upg		Confirm Cancel		
Parameter config	Terminal SN	Q Dele	ete unexecuteds		
Cocation service					
Parameter backup	Terminal SN	Box No. Last interaction	Task createTime	Upgrade filename	Upgi
🙄 Task information	ZSR1612HL2600201	ROUTER_1 2017-10-13 16:35:	2017-10-13 16:27:41	hdsys_H8922_mo	
🔅 System <	☑ Ihtest000000001	2017-09-30 11:36:	2017-10-13 15:45:31	hdsys_H8922_mo	
	☑ Ihtest0000001	2017-09-27 15:38:	2017-10-13 15:45:31	hdsys_H8922_mo	
	Ihtest0000002	2017-09-27 15:38:	2017-10-13 15:45:31	hdsys_H8922_mo	
	htest00000002	2017-09-30 11:36:	31 2017-10-13 15:45:31	hdsvs H8922 mo	

It will show the tips after being deleted, as below.



2. The "Schedule upgrade" panel will update as below.

🔒 Terminal update	Schedule upgrade Upgrade history	
Parameter config		Unexecuted Exec
Q Location service	Terminal SN  Q Delete unexecuteds	Unexecuted Exec
Parameter backup	Terminal SN Box No. Last interaction Task createTime Upgrade filename Upgrade begin	Upgrade progress U
🙄 Task information	Ihtest0000002 2017-09-27 15:38:32 2017-10-13 15:45:31 hdsys_H8922_mo	0%, (0s)
🔅 System <	Ihtest000000002         2017-09-30 11:36:51         2017-10-13 15:45:31         hdsys_H8922_mo	0%, (0s)
· · · ·	22R1603LL3100086 ROUTER_86888888 2017-10-11 16:28:32 2017-10-13 15:45:31 hdsys_H8922_mo	0%, (0s)
	n 1 1	





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