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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	Y	Q Upload resources Delete resources Distribution
eration					File name File version size
		1	a	<u>/H89</u> 2	2. Upload resources
sk		2		<u>/H8922S</u>	File type: Resource file
stem		3		/mnt/up	de
Role manage		4	-	(1903	Update file: UD-L11_APP_V1.0.8_16102
Liser manage		4	_	/11092	Update path: /mnt/update/ *
User manage		5		<u>/H892</u>	22 Version: APP_V1.0.8_161026193 *
Group manage		6		<u>/H892</u>	2
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.

	Box No.			Q 🗸 Termina	al reboot Pa	ram config	More -
A Personal panel	State	Terminal info	Box No.	Express box No	Group	IP	Terminal export
		LTE1701HL1600154	ROUTER	IOTLTE	Axilant	112.96.33.1	Express box No. Check files
:= Terminal status		22R201611HH30	ROUTER	D	efault_Group	112.97.50.	Sync Param
Terminal info		LTE1701HH16001	ROUTER		Axilant	117.136.40.	Terminal update
/// Offline terminal	•			III			Location condea Terminal update
							EXPORTERIX

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

V		LTE1701HL160015	4 ROUTER	IOTLTE	Axilant	112.96.33.132	2		
	Term	inal update				×			
•		Reboot now	Peak shielding		/		1		
		Update file:	/mnt/update/H8922S APP V7.0.2 T1 axilant 1701						
			Please select a file /mnt/update/H8922S /mnt/update/IoTLTE	 <u>APP_V7.0</u> . ΔPP_V7.0.2	2_T1_axilant_17	01031845.bin			
			mino apaateno i E i E		Confirm	n 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.

Menu collapse	≡	All groups	Default Craus (27)	DCS Test () Tast (3) NOC (2) Tast (1) Hanny Cra (1) A Cr	oup (0)	
Personal panel		Air groups	Delault Group (27)	DCS Test (.) Test (2) NOC (5) Test (I) Henry_Grp (I) A_Gr	oup (0)	
👳 Monitor	~	Box No.	Ψ		Q 🗸 Adjust gro	up Import terminal	Download template	e Operate ▼
🔚 Monitor list			Status 🌩	Status	Terminal SN Box	No. Terminal grou	p IP	First login
Terminal mana	ige 🚽	-	1	2 (0)	51R1702HH1400243 Rou	<u>iter</u> Test	<u>158.106.98.166</u> 201	7-08-01 14:33:2
/#/ Offline termina	d	2 🖉	1	2 (0)	51R201510ZH26002 Rou	iter Test	112.224.67.213 201	7-08-01 09:53:3
🚯 Map view		3 💌	1	22(24)	21R Adjust group			
Operation	<	4 💌	1	2 (0)	2SR All groups Default Grou	up DCS Test Test	NOC Test1	
		5	1	2(21)	20R Henry_Grp A_Group			
Task	<	6	1	2(18)	22R: A_Gro	qua		
System	<	7	1	2 (0)	25R:			
		8	1	2(31)	922.			
		9	1	2 (0)	ute		\mathbf{i}	
		10	0	<u>(0)</u>	<u>51R</u>		Submit	Cancel
It will shows	the tip	os as bl	ow affter t	the de	vices is added to	the group.	11775178 70	16

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.)

_			_	'										
1	Menu collapse	₫	Ľ	T	Update fir	mware	Param template							
ሰ	Personal panel													
Ţ	Monitor				File name	•		Q Vpload r	esources	s Delete resource	es Distributio	n group	Check	resources
	Operation							File name			File version		size	U
			H		1		/H89225 APP V7.	Distribution grou		- /		ж	з5мв	2017
	Task						/H89225 patch mode	All servers Defer	ille Consum	(25) DOC Test (1)	T-++ (0) NOC (2)		274KB	2017
¢	System			/	3		/mnt/update/H8922S	Test1 (1) Henry_	Grp (1)	(25) DCS lest (1) A_Group (4)	Test (0) NOC (5)		60MB	2017
	la Role manage				4		/H8922S FW V7.0.		-				63MB	2017
	🔏 User manage				5		/H89225 APP V7.0	Est. time	2	2017-10-13 00:00	:00		85MB	2017
	Group manage				6		/H89225 APP V7.0			$\langle \rangle$			60MB	2017
	/ File resource				7		/mnt/update/H8922S			\			60MB	2017
	Notification				8		/mnt/update/H8922						60MB	2017
	🖉 Log manage				9		/mnt/update/H89225 APP				Submit	Cancel	35MB	2017
	_ <u>j</u> <u>j</u> -							L				11		

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

2.	Enter th	ne '	'Terminal	update"	panel	to see	the up	grade	task	status,	as below.	
								0				2

menu conapse 🔛		
A Personal panel		Failed : 1times Rate : 14.29% Executing : 0times Rate : 0%
🖳 Monitor 🧹 <	Successed & 4 	: Otimes
Geration <		
📣 Data manage 🛛 <	3 2	Unexecuted : 6times Rate : 85.71%
🗒 Task 🛛 🗸	0 10-07 10-08 10-09 10-10 10-11 10-12 10-13	
Terminal reboot	Executing Unexecuted Succeeded Failed	 Executing Succeeded Failed
Terminal update	Schedule upgrade history	
Parameter config		
Q Location service		Unexecuted Executing
Parameter backup	Terminal SN Box No. Last interaction Task createTime Upgrade filename Upgrade beg	in Upgrade progress Upgrade result
🙄 Task information	2SR1612HL2600201 ROUTER_1 2017-10-13 16:31:55 2017-10-13 16:27:41 hdsys_H8922_mo	0%, (0s) Unexecuted
ර 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
	Receiption 2017 00 2011/25/51 2017 10 12 15/5/31 https://doi.org/10.1215/5/31 https://doi.org/10.1215/5/5/31 https://doi.org/10.1215/5/5/5/5/5/5/5/5/5/5/5/5/5/5/5/5/5/5	0% (0s)

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.

1	lenu collapse	Ē								
俞	Personal panel			6 6						
P	Monitor	<		ative fre						Ra
	Operation	<		cumula		Delete unexecu	iteds	×		
₽	Data manage	<		¥ -						
Ē	Task	~		0	10-07 10	Confir	m to revoke the waiting	tasks?	10-13	
	Terminal reboot	t			•					
	Terminal update	3		Sci	nedule upgrade			Confirm Cancel		
	Parameter conf	īg								
	• Location service	e 🔪		Terr			Q Delete u	inexecuteds		
	Parameter back	cup	$\mathbf{\lambda}$		Terminal SN	Box No.	Last interaction	Task createTime	Upgrade filename	Upgi
	Task information	n			2SR1612HL2600201	ROUTER_1	2017-10-13 16:35:16	2017-10-13 16:27:41	hdsys_H8922_mo	
ø	System	<			lhtest000000001		2017-09-30 11:36:51	2017-10-13 15:45:31	hdsys_H8922_mo	
					Ihtest0000001		2017-09-27 15:38:32	2017-10-13 15:45:31	hdsys_H8922_mo	
					Ihtest000002		2017-09-27 15:38:32	2017-10-13 15:45:31	hdsys_H8922_mo	
_					lbtest000000002		2017-09-30 11:36:51	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	Schedula upgrade Upgrade history	
Parameter config		Descented Free
Cocation service		Jnexecuted 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	%, (0s)
ර් System <	Ihtest000000002 2017-09-30 11:36:51 2017-10-13 15:45:31 hdsys_H8922_mo	%, (0s)
••• -)	22R1603LL3100086 ROUTER_86888888 2017-10-11 16:28:32 2017-10-13 15:45:31 hdsys_H8922_mo	%, (Os)

Contact us

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

+86-755-88864288-5

+86-755-83404677

f hongdianchina

I www.hongdian.com

➡ sales@hongdian.com

➔ Hongdian_China