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Product information

Cyberhotel was first developed to offer a complete IP -PBX system for the hospitality industry, it includes the usual administrative functions for PBX phones over a dedicated interface and specific functions for hotel rooms like check-in check-out, billing, wake-up, house-keeping...

Cyberhotel then has integrated a wireless controller with a single action to provide internet and phone access. Finally Cyberhotel has evolved on an embedded version in the router for small systems up to 45 positions under the name Cyber-wrt.

Prerequisites You must have one EXT2, EXT3 or EXT4 USB drive ready otherwise please follow these <u>instructions</u> first.

Installation

- Download needed files to flash the router: <u>http://cyberhotel.com/up/arm/routerconfig/nvrambak_sda1_RT-AC56U.bin</u> <u>http://cyberhotel.com/up/arm/firmware/asus_rt-ac56u-firmware-25697.trx</u>

1- Turn on the router without connecting nothing to Wan or Lan

2- Plug the lan Cable on the router port 2 or 3 and on your computer

3- Go to http://192.168.1.1/Advanced_FirmwareUpgrade_Content.asp



Click on Choose file and select the firmware you have downloaded and saved on your computer: **asus_rt-ac56u-firmware-25697.trx** Click Upload and expect it to be completed.

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Re connect and go to: <u>http://192.168.1.1/config.asp</u> You will be prompted for new login and password, please change for LOGIN: root ane PASSWORD: comdif

war DD-WRT - User Pass	×	2.4.2			· · .		
← → C 🗋 192.168.	1.1						ବ 🏤 🖶 🔳
dd-wrt.a					Time: 13:57:1	Firmware: Di 2 up 5 min, load	D-WRT v24-sp2 (12/22/14) d average: 0.06, 0.13, 0.07 WAN IP: 192.168.20.115
Setup Wireless	Services	Security	Access Restrictions	NAT / QoS	Administration	Status	
Router Management							
Router Password	- 25		following	j dialog!			
Router Password							
Re-enter to confirm		•••••					
			Change F	assword			

Go to: Administration --> Backup --> select a file to restore Choose the file downloaded before: **nvrambak_sda1_RT-AC56U.bin** and click Restore

- annento	Organiser par :	Dossier 🝷	/ Acces	s Restrictions NA	T / QoS Administra	ation Status
			WOL	Factory Defaults	Firmware Upgrade	Backup
						Help
nvrambak_RT-AC5			uration back	up file to your computer.		Backup Sett You may back configuration the router ba settings.
60			e File No file	chosen		Click the Back your current Restore Set
5U 🕶 🛛	All Files	•				for a configur
	Ouvrir 💌 Do no	Annuler t upload any file	W A R N I 	N G re and from the same tot created by this int	e model of router. erface!	saved on you Click the <i>Res</i> a all current co in the configu
			Backup	lestore		

Router will reboot by himself. Please reboot it also another time using power-off/on button. You will find you router now on <u>http://192.168.20.1</u>

Please connect and go to Administration --> Management uncheck http and check https

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dd-wrt.com	control par			Time: 01:1	Firmv 4:23 up 1
Setup Wireless Services	Security Access	s Restrictions	NAT / QoS	Administrat	ion
Management Keep Alive O	ommands WOL	Factory Defau	ults Firmwa	ire Upgrade	Backu
Router Management					
Router Password					AL
Router Username	**********				Ad
Router Password	••••••				CO
Re-enter to confirm	•••••				
Web Access					
Protocol	HTTP 🗹 HTTPS				
Auto-Refresh (in seconds)	3				
Reauthentication Limit (in seconds)	180				
Enable Info Site	🖲 Enable 🔘 Disab	le			
Info Site Password Protection	Enabled				
Info Site MAC Masking	Enable Disab	le			
Remote Access					
Web GUI Management	🖲 Enable 🔘 Disab	le			
Use HTTPS	8				
Web GUI Port	8080	(De	efault: 8080, Ran	ge: 1 - 65535)	
SSH Management	Enable Initial Enable	le			
Telnet Management	Enable I Disab	le			
Allow Area Damata ID	Enable O Dicab	ما			

Save turn off router and now **CONNECT** <u>YOUR **EXT** USB KEY</u> **ON THE BLUE USB PLUG** Turn on router and connect it now on https://192.168.20.1 Goto Services --> USB <u>https://192.168.20.1/USB.asp</u> and check if /dev/sda1 is mounted on opt

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etup	Wireless	Services	Security	Acce	ess Rest	rictions	NAT / Qos	S Administr	ratio
ervices	FreeRadi	us PPPo	E Server	VPN	USB	NAS	Hotspot	SIP Proxy	A
USB Sup	port								
USB Sup	port								
Core USB	Support		Enable	Dis	able				
USB Printe	er Support		Enable	Dis	able				
US <mark>B Stor</mark> a	ige Support		Enable	O Dis	able				
USB Over	IP		Enable	Dis	able				
Automatic	Drive Mount		Enable	O Dis	able				
Run-on-m	iount Scr <mark>i</mark> pt Na	ime							
Mount thi	s Partition to /j	iffs					UUID		
Mount thi	s Partition to /	opt	FBE0FFB6-	0949- <mark>D</mark> 00	1-5080-FE	B60949D00	UUID		
Use SES E	Button to remo	ve drives	Enable	Dis	able				
Disk In	fo								
Diskspac	ce /jffs		2.3M / 9	3.7M				2%	
Diskspac	ce /opt		2.0K/6.	6G				0%	
/dev/	/sda1								10
Block de	vice, size 7.46	4 GiB (801420	56368 bytes)						
Ext4 file	system								
Volume	name "debian'	D001-5080 5	ER60040D00	1 (NCC)					
Volume	size 7,464 GiB	(801426636)	3 bytes. 7826	432 bloc	ks of 1 Ki	B)			
rolanic	SILC / TOT OID	1001 1200000	5,000,7020	132 0100		-/			

Normaly the startup commands mount for you the disk, if not just copy the real UUID and past it on Mount this Partion to /opt:

On this exemple UUID to copy and past is FBE0FFB6-0949-D001-5080-FEB60949D001 Also maybe you use a multipartition Key and EXT partition may be sda5 or other name in this case you have to change the startup script

Administration --> Commands --> Edit, change mount /sda1 for the good value and click Save startup.

If all is ok it's time to connect Wan to Internet and to be sure you have internet access

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GO to Administration --> commands and open also a new browser tab to Services --> USB Enter command

wget -P /opt <u>http://cyberhotel.com/ip/arm/in_arm_opt.tar.gz</u> and leave this page open

Setup Wire	less Service	s Security	Access	s Restrictions	NAT	/ QoS Administr	ation Status
Management	Keep Alive	Commands	WOL	Factory Defa	aults	Firmware Upgrade	Backup
Diagnostics							Help
Command She	11						Command You cap rur
Commands							web interfa
tar -xzf /opt,	/in_arm_opt.tar.	.gz -C /opt					Commands
							10

Check on the other tab the Diskspace /opt

Wait until the size is: 502,9 M and wait one or two minuts after you get this value Depending your connetion speed it can take a long time.

Go back to the Administration --> commands tab and enter now: tar -xzf/opt/in_arm_opt.tar.gz -C /opt and let the page working it will take long time.

You can check on the other tab Diskspace /opt must be at the end 1,7 G but please wait 5 minuts more to be sure that the job is complete

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Setup	Wireless	Services	Security	Access Rest	rictions	NAT / QoS	Administ	ration
Services	FreeRadi	ius PPPo	E Server	VPN USB	NAS	Hotspot	SIP Proxy	Ac
USB Su	pport							
USB Sup	oport							
Core USE	Support		Enable	Disable				
USB Prin	ter Support		Enable	Disable				
USB Stor	age Support		Enable	Oisable				
USB Ove	r IP		Enable	Disable				
Automati	ic Drive Mount		Enable	Disable				
Run-on-r	mount Script Na	ame						
Mount th	is Partition to /	jffs				UUID		
Mount th	is Partition to /	opt	FBE0FFB6-0)949-D001-5080-FF	EB60949D00	UUID		
Use SES	Button to remo	ve drives	Enable	Disable				
Disk II	nfo							
Diskspa	ace /jffs		2.3M / 93	3.7 <mark>M</mark>			2%	
	7.7						2504	
Diskspa	ace /opt		1.7G / 5.	0G			23%	

Reboot Router and normaly you can go now on <u>http://192.168.20.1/admin</u> And login with: **superuser / superuser**

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← → C 192.168.20.1/admin/index.php		
	Francais 📕 🕴 Espanol 🖾 ╞ English 🎫	
Enter your login and password for administration		
Contact us		
Webuser superuser Password		
Login		

Check then that you can go on each menu including webmin menu Webmin login and password is the same as the router access.



To use the Wifi Network Hotspot Captive portal connect an or more access point to port 4 You are ready now to start your IPBX and Hotspot configuration.

Cyber-wrt