How to backup the trusted connections on your router

Nowadays, network topology design directly affects the security of the network. If the external and internal communications network, the internal network of the machine safety will be threatened, but also on the same network affect many other systems. Spread through the network, but also affect connected to the Internet / Intranet other network; As a result, may also involve legal, financial and other security-sensitive areas. Therefore, we design it is necessary to open the server and external network and internal network of other services necessary isolation, to avoid network structure information leakage; while also external network service requests are filtered, only allows normal communication of data packets reach the appropriate host, the other hosts request service before reaching it should be rejected.

Therefore, we should add the trusted PCs into our database, for one thing, it can be more safer; for another thing, it can be convenient compared with other software. As in this case, i will introduce you a actual case that is to backup your trusted clients. Firstly, please open our IP-MAC Scanner software and then click the button "Scan", and then you will get a list of computers in your local area network, as in the range of "*.*.1-*.*.255". In my LAN, there are 151 PCs connected, which is be seen in the first picture.

Ш	P-TAC	Scanne	æ					
le	Scan	Analyze	Database	S <u>e</u> tting	<u>T</u> ools <u>H</u> elp			
2	Scan	🛅 Data	base					
		IP Ac	and as	MAC An	Idress	Host Name	^	Scan Option
	1 🛃		.1	00-0	F4-EF			Fror 1
	2		.3	20-E	E-DC			
	3		.5	40-1	-B8-49			To:255
	😴 4		6	08-1	-E8-A5			Scan by: 💿 ARP 🛛 UDP
	5 5	1000	7	BC-	-CC-36			Display Non-Responded IP
	5 6		8	00-1	-83-C7			Display Non-Nesponded in
	57		9	00-E	-D7-A0			🕨 Scan 🛛 Pause 🔛 Stop
	38		10	00-0	99-74			
	9 🌄		11	F0-[54-BF			Tool Box
	10		.13	00-1/	J-A5-B9		~	🛛 💭 Save 🛛 👫 Find 🛛 🚰 Add to Database
						6	>	
	Da	te/Time	1	Ren			-	Analyze Option
2013-9-22' PM 06:49			M 06:49:	100	4-EF1 is	abused		Analyze of MAC Analyze of IP
20		013-9-22: PM 06:49:		[00-0 4-EF1 is a		abused ii		
-	1 1224						Auto Scan/Analyze every 30 💉 min	
								Closer All Refere Analysis
								💊 Analyze 📓 Analyze All
							1.000	
							>	

If you trust one connected PC, you can add it to the database and then get the re sponse from out software, which is displayed in the following picture.

🛂 🗚 to datab	ise 🔀						
Successfully added	1 items to database!						
🗹 Match IP	🔲 Match MAC						
Add Options							
Ask when find	Juplicate IP or MAC						
O Automatically overwrite the duplicate items							
O Automatically s	kip the duplicate items						
Add	Close						

Finally, you will see the trusted one in your database, such as in the last picture, and you can modify its work-group and user as the following actual case, for instance, Workgroup: AthTek and User: AthTek Tony.

🖳 IP-MAC Scanner											
<u>F</u> ile <u>S</u> can	<u>A</u> nalyze <u>D</u> atabase	Setting Tools Help									
🛃 Scan !	🖪 Database										
	IP Address	MAC	Mar II ne	Workgroup	User	De					
□ √ 1	192 1.5	00-1 -5C	4Q3								
2	9	-A0									
□ ✓ 3	10	00- 74									
4	47	00D4		AthTek	AthTek Tony						
						_					
						_					
1						5					
				-							
Ping 🔐	Find			Add 🛛 🛃 Modify	Delete 📴 Bac	:kup					
📮 Scan Cor	mplete! Scanned: 25	5 IP, Found 151 connec	ted Local	H; E	lost 1 2013-9-22 1	8:53					