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Secure your wireless network solution by [Chris Mills](#)

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As for every aspect of life people want best security to protect their belongings, same thing applies for computers also. Day by day new things are emerging in computer application according to changing web trend and this changing trend has developed the wireless network solution for easy computer applications. Along with number of benefits wireless network also brings few loop holes where security is the major concerning area.

It is very difficult to detect digital hiking and it is also difficult to prevent unauthorized access of wireless network solution whether for personal and professional use. Hackers don't look for personal revenge here; they are only searching unsecure WI FI connections to utilize for their own means. When the hacker utilizes your wireless connection for downloading programs then you will face the decrease internet speed for your utilization. For fastest internet accessibility you have to secure your wireless connection. So here we are discussing few points make our wireless network solution hacker proof.

At first you have to figure out your gate way IP address. In your command prompt type 'ipconfig' without quotations then enter to be listed on 'Default Gateway'. Open your internet browser and type your IP address exactly how it is written in address bar and then press enter. It will help you to enter into your login page for your router. Set your login ID and password.

At second step change your default password and login ID. Put difficult pass words; don't give just name or your birth date. Use both letters and numeric words for better protections or else someone gains access then can easily crack your password and it according to their liking.

At third step change your SSID, which is used as the name of your wireless network solution. If your SSID has set as default manufacturer ID then it can easily open by the hackers and they can even change your router's settings. So change your SSID as soon as possible.

when you are searching for open networks at that time your the names of open networks will easily shown on devices, so if you disable your broadcasting of SSID then other people won't be able to see your existing network and you can see it by manually.

Install WPA2 encryption, because it is more secure than WPA and WEP.

Change your network password or Pre-shared key of your wireless network solution. Your Pre-shared key set up will be difficult for the hacker to crack. Use both uppercase and lowercase letters to make impossible for the hacker to crack. Even you can change your passwords with in every month gap for more security.

At seventh step enable your MAC Address Authentication. Every device has different MAC Address which can identify as an individual on a network. MAC Address Authentication prohibits the outside device connections to your wireless network solution. Make sure when you enter the MAC Address into the access list that you do it in the format required by the router, where you have to change all hyphens into colons. This step is required for all computers connecting for your wireless network solution.

Utilize all these steps to secure your wireless network solution and protect your internet connection for your use only.

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Chris Mills is the director of Strategic communications, who spent almost two decades to become expert in communication for the support managed services world. His focusing areas of development help the business organizations to make perfect wireless network installation. His aim is to help companies with strategic communications, video teleconferencing system, a [wireless network solution](#), VOIP solution provider, Support managed services for high class integrated solutions starting from ip surveillance camera system and network security support for providing best protection to respected partners, suppliers, manufacturers as well as clients.

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