

10 free and useful network tools

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Network administration - From programs that help you detect nearby networks, find data programs and alternative software projects to increase network pressure. These are 10 different applications that are very useful when installing, improving security or can be used for private or public networks.

1. NetStumbler: Search for nearby networks



This is a simple program that allows you to see detailed information about nearby wireless networks or access points (APs). You will see the MAC address of each AP, SSID, channel, encryption status, signal, noise and signal-to-noise ratio .

NetStumbler is a very useful program when installing a new network or AP. You can check the possibility of interference from networks or APs that exist nearby. You can also use it to specify the appropriate range and location of APs by referring to the signal strength.

Also you can use this program to check buttons or other issues.

2. Network Magic: Creating an easier networking experience

If you or your users are new to the network, you can find the usefulness of this Network Magic tool, especially for use with Windows XP or earlier operating systems. Network Magic is a program that can replace most of the networked interfaces that come with Windows with its easier-to-understand and user-friendly interfaces.

In addition, this tool also provides additional functions, such as being able to edit settings on the network router.

3. DD-WRT: Turbocharged for cheap wireless routers

This is not a program used to install on a computer; It is an alternative firmware that you can upload to wireless routers that support this feature.

DD-WRT allows you to get new features and improved features, in addition to advanced features only available in business class devices.

Examples include multiple SSIDs, and you can provide multiple encryption methods for many of the same networks or isolated networks and attached clients and VPN servers to be able to securely connect between documents. Room together or provide connections to remote users.

4. Wireshark: To view network traffic

Wireshark is a network protocol analyzer that can capture, inspect and display raw traffic for multiple network protocols.

The program can run on any platform: Windows, Linux, Mac OS X and other platforms. It has an easy-to-use GUI and TTY-mode.

You can use this tool to understand what is really happening when you fix problems online. Can browse, search and filter data in network traffic.

If you do not understand the protocol in depth, this tool will give you some additional knowledge.

Wireshark can also save traces of data packets for later inspection; open standard formats from other analyzers; can be exported to XML, PostScript, CSV, or plain text files.

In addition, with capturing Ethernet and wireless traffic, Wireshark can read from USB, Bluetooth, Token Ring, ATM, and, .

If you use encryption types, such as WEP, WPA, WPA2, IPsec, or SSL / TLS, you can configure Wireshark with keys so that it can decrypt and display real data if needed.

5. TeamViewer: Remote Desktop

Windows, Mac OS X, and Linux all have remote desktop solutions, though they are all incompatible. Using a protocol and application will make it a lot simpler to work with multiple platforms. However, operating system developers have not yet made it easy to use their solutions.

One solution is to use a third-party application like TeamViewer.

In addition to being able to view and fully control remote computers, TeamViewer also allows you to transfer files between computers, all located behind the firewall.

You do not need to install the application on remote computers. You can download and run it directly from the file or copy it to a USB drive, or even use the web interface from the browser.

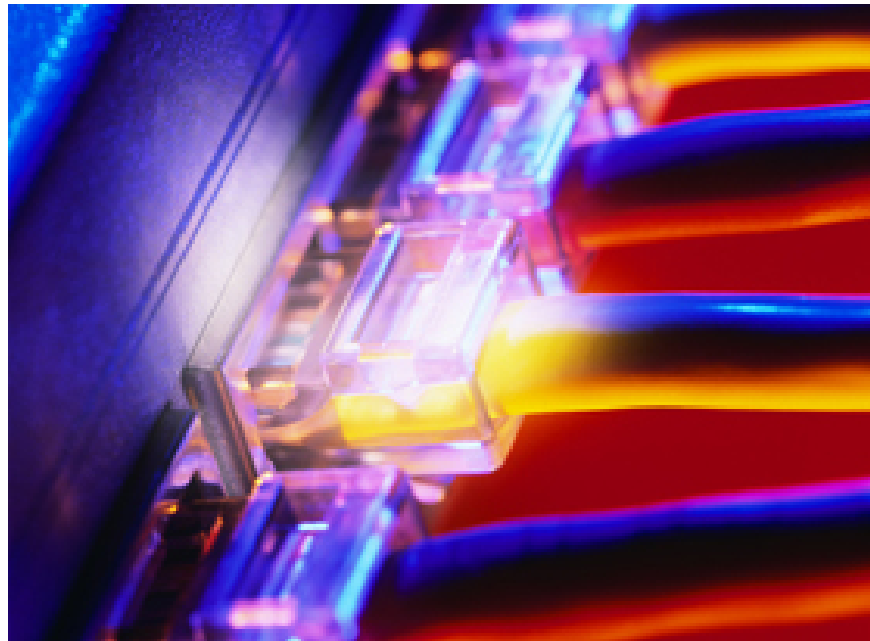
Everything is secured with AES encryption (256-bit).

As its name suggests, this remote desktop software is great for workgroups or groups. You can create a buddy list to track their availability.

You can also use it to perform and invite the right people from the application.

6. NetSetMan: Manage network settings

NetSetMan is a useful tool if you use multiple networks. It allows you to save up to 6 different profile files that load network settings.



Then, when connecting to other networks, you can easily switch between your profiles and NetSetMan will automatically apply your desired settings.

If your work uses static IP addresses, for example, you can set a static IP for your work profile along with DNS, Workgroup, or other settings.

You can then use another profile to connect to your home network, set up to receive automatic IPs, computer names, other workgroups, and other settings.

7. LogMeIn Hamachi: Create a secure VPN

If you have multiple offices or locations, you will definitely want to connect these offices' networks. By connecting this, anyone in your network can access shared folders and network drives, as if each location is connected with a cable.

You can securely connect offices together like that by creating a virtual private network (VPN). One way to create a virtual private network is to use the LogMeIn Hamachi application.

After installing LogMeIn Hamachi to a computer, you will be able to create a network and be given an address.

Then on other computers or other locations, you can join the VPN network, then all these computers will be connected to each other.

8. Gbridge: Share safely with friends

Although this solution is quite similar to the previous solution, it uses a completely different method.

Instead of connecting computers together, Gbridge provides you with its own interface. It is designed for sharing with friends instead of just between your computers.

When installing and registering for the service, you can distribute your address to friends or invite them, so they can join the VPN. After that, anyone can choose what they want to share.

9. Hotspot Shield: Protect your Wi-Fi network in public

VPNs can be used for other situations. One is to protect your connections on public networks such as Wi-Fi hotspots or wired Internet ports.

When connecting to a VPN, all your Internet traffic will go through a secure channel to reach the endpoint (your office).

Therefore, if you use a VPN on an unprotected network, all your Internet traffic will be encrypted by the VPN tunnel.

Hotspot Shield will protect your network against all hackers and eavesdroppers nearby.

10. Undelete: Recycle Bin in the shared network

This can be an unnecessary network tool or program. However, Undelete is a valuable recycle bin for third-party vendors to support shared folders.

If you delete a file from the shared folder of another computer on the Windows network, this file will disappear forever. However, with Undelete, when deleting shared files, they will be put into the recycle bin and this is where you can recover when you feel necessary.

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