

# Share internet with Microsoft Internet Security and Acceleration Server (ISA Server)

Microsoft Internet Security and Acceleration Server (ISA Server) is the internet share software of the well-known Microsoft software company, the only upgrade (up to this point) from MS Proxy Server 2.0 software. It can be said that this is a internet sharing software that is quite effective, stable, easy to configure, good firewall, many features that allow you to configure it to be compatible with your LAN.

I. Introduction Microsoft Internet Security and Acceleration Server (ISA Server) is the internet share software of the well-known software company Microsoft, the only upgrade (up to this point) from MS Proxy Server 2.0 software. It can be said that this is a internet sharing software that is quite effective, stable, easy to configure, good firewall, many features that allow you to configure it to be compatible with your LAN. Fast speed thanks to intelligent cache mode, with the ability to save RAM cache (Random Access Memory), help you access information faster, and Schedule Cache feature (Schedule to automatically download information on saved WebServer on the Cache and the client computer only need to get the information on those Webservers using LAN). In the framework of this article, I will focus on important features for readers to configure your computer room so that the speed is acceptable, using all the services of the provider. You can learn more about the features on the website <http://www.isaserver.org> or <http://www.microsoft.com/isaserver> II. Minimum configuration of computer Sever: Pentium II 300Mhz, 256MB RAM or more. Operating system: Microsoft Windows 2000 Server, Microsoft Windows 2000 Advanced Server with Service Pack 1 or higher or Microsoft Windows 2000 Datacenter and partitions must be formatted according to NTFS. III. Configuring LAN (Local Area Network) LANs should be configured in a static IP (all machines assign an IP address and Subnet mask) IV. Installing ISA Server You find the Setup file in ISA software to install, after activating the file, select Continue, then select the program path to continue installation, enter the cdkey of ISA. (figure 1)

Picture 1 of Share internet with Microsoft Internet Security and Acceleration Sever (ISA Server)

Figure 1 Click OK, select Agree to install, select Full Installation. (Figure 2)

Picture 2 of Share internet with Microsoft Internet Security and Acceleration Sever (ISA Server)

Figure 2 After checking the parameters of the system if your operating system installs according to Workgroup then ISA will appear a window telling you to install only Stand-alone server and your operating system is installed according to Domain You also select this mode, you select Yes. (Figure 3)

Picture 3 of Share internet with Microsoft Internet Security and Acceleration Sever (ISA Server)

Figure 3 The next window that appears allows you to select one of three modes: Firewall mode, Cache mode, Integrated mode, you select Integrated mode, Click Continue. (Figure 4)

Picture 4 of Share internet with Microsoft Internet Security and Acceleration Sever (ISA Server)

Figure 4 ISA will stop the IIS (Internet Information Services) service, if you want to use this service you can reconfigure after the ISA installation is complete. (Figure 5)

Picture 5 of Share internet with Microsoft Internet Security and Acceleration Sever (ISA Server)

Figure 5 The next window will let you specify the Cache size of ISA. ISA does not limit the size of the cache so you can Set as much as possible, depending on your hard drive capacity more or less, you should choose a partition other than partition that has installed the OS and ISA software and must format Under NTFS, enter the Cache capacity in the Cache Size box (MB) and then click the Set button, then click OK. (Figure 6)

Picture 6 of Share internet with Microsoft Internet Security and Acceleration Sever (ISA Server)

Figure 6 The next window that appears of ISA is the request to create the LAT (Local Address Table) table. To ease the management of the client (client) access, ISA relies on this table, if the clients are not in the class. IP of LAN, ISA does not allow outbound access. Now enter the IP number specified by your LAN. Suppose the IP number of your LAN is hit from 192.168.205.1 onwards, in the From box you have to type 192.168.205.0 and the To field you have to type is 192.168.205.255. (Figure 7)

Picture 7 of Share internet with Microsoft Internet Security and Acceleration Sever (ISA Server)

Figure 7 Click Add to create LAT, click OK to complete the ISA installation process.

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