Improvement of the Ability of Computer Information Processing and Information Security

PENG XIAO

ABSTRACT

The development of science and technology, will promote the information age in our country, our country also for the development of information more manpower and material resources, also pay attention to the promotion of information technology, especially the processing of computer and information security, countries are required to ascend. Computer information in a timely manner in the process of application greatly shows its advantage in speed and capacity, but also exposed many shortcomings, especially in information processing and information security ability more holes, this article is mainly aimed at the improvement of computer technology were discussed, and research how to improve the ability of computer information processing and information security.

KEYWORDS

Computer; Information processing; Information security; Ability.

THE DEVELOPMENT STATUS OF COMPUTER INFORMATION PROCESSING TECHNOLOGY RELIABILITY

In the computer's high-performance information technology processing system, the two technologies, avoiding mistakes and fault-tolerance, are often shipped to them, and they can improve their reliability to a certain extent. Computer use is now multicore processors, also used the blade structure, increasing the storage capacity of the emergence of the problem, a computer program of the developers are able to design a good solution to solve such problems, which to a certain extent, enhance the reliability of computer. In addition, the computer for processing information through a certain system, in the process of computer information processing, to ensure the normal operation of the computer, avoid the interference of other devices and information, have the ability of these two points, computer information processing system is reliable, so to speak. Computer to ensure the reliability of the computer in the process of running without interruption, can accurate processing of information, even if the disturbance, the computer can complete preserved the information. But as people's demand grows, so does the number of tasks that computers carry, increasing the size of the computer and increasing the hardware resources of the household. Computers have more and more information to deal with, and their reliability declines.

Peng Xiao, JiangXi Vocational College of Industry & Engineering, Jiangxi 337055, China.
IMPROVE THE SIGNIFICANCE OF COMPUTER INFORMATION MANAGEMENT

Ensure computer information network security

With the constant renewal and progress of science and technology, people pay more and more attention to the use of computers. Many real estate enterprises in order to better comply with the trend of information development of The Times, real estate enterprises in their own development process introduced corresponding computer applications. Improve the computer information processing ability can better promote informationization and standardization of enterprise processing, but due to the current domestic computer information processing personnel is not many, and skilled personnel are rare. So, the enterprise process leader, you need to find a way to improve the computer information processing capacity of enterprises, therefore, the leader first will constantly strengthen their understanding of computer information processing, the second is leaders constantly introducing and cultivating professional level is high and the overall quality is also very strong high-tech computer professionals. In addition, enterprises need to ensure the safety and reliability of their networks when they use computers to do their jobs. Therefore, to improve the ability of computer information processing, to prevent or reduce the computer by damaging programs, you need to order to maximize the role of the computer, which ensures that the computer network security is the premise of all this. Therefore, it is necessary to continuously improve the computer information processing ability to ensure the stable development of enterprises.

Enhance the information processing capacity of enterprises

Enterprises generally refers to the information processing is the production, processing, and business information related to the effective processing, information collection, storage, processing, utilization, feedback and transmission is commonly used in the enterprise information processing and the most effective means of treatment. Enterprises use computers to carry out information processing, not only can promote the standardization and informatization of enterprise information processing, but also can greatly improve the enterprise information processing efficiency.

IMPROVE THE CAPABILITY OF COMPUTER INFORMATION PROCESSING AND INFORMATION SECURITY

Want to better improve the information processing ability of computer, want to better improve the ability of information security, certainly will be starting from the essence, a clear understanding to the development of network technology in China are faced with the problem, puts forward corresponding measures according to these questions, to generally improve the ability of handling information, also can improve the safety performance of information, and these measures, can enhance effect directly.
Adopt modularization management mode

We in the management of computer information processing software and information security software, can use modular management mode, this can be divided into various fields in computer integral structure, different region formed between each other, avoid problems spread to other software in the area of operation. In addition, modular management can do to quickly find the problems of a particular field to the problem, save a lot of intermediate link, don't need to retrieve one by one, also can shorten the time needed for computer maintenance.

Emphasis on computer retrieval and repair capabilities

Although computer has the characteristics of intelligent, but the original data or require the operator to provide, at the time of the input data cannot avoid human error, in order to the normal conduct of follow-up operation, we need to reduce the error rate of data. It is necessary to develop the automatic detection and repair technology of computer, which can greatly improve the information processing ability of computer.

Check the computer regularly

The computer's performance will degrade over the long term, and the computer should be checked regularly to avoid data loss or confusion caused by computer software failures. If the equipment is found to be damaged, it should be replaced or repaired in time to avoid any bigger problems. Computer information processing system and information security system are composed of different software, and there is a certain restriction relationship between them. In the consideration of the overall operation of the system, the relevant software involved will need to be tested ahead of time.

Improve computer security performance

The operation of the computer needs the support of the Internet, the Internet rapid development of information technology in modern society, people use the Internet technology with heart to steal some confidential content, poses a great threat to information security. Some hackers and computer viruses constantly emerging, in this case, we need to strengthen the security performance of the computer, best to back up some important data and documents, to prevent data loss and cannot recover, reduce losses as much as you can.

Cultivate technical talents

The process of computer information processing and the process of security guarantee require professional personnel to provide professional operation, which has the dual test of theoretical knowledge and practical operation ability of staff. Only by attaching importance to the cultivation of professional talents can we guarantee the improvement of computer information processing ability and information security capability.
Improve the development and improvement of computer network security protocol

The computer network security protocol can further improve the security of computer information, kill the existence of computer security hidden danger in time, and avoid the production of great loss. In the process of establishment of computer network security protocol, to network resources access setup security access password and user name, and abide by the laws and regulations under the premise of the proper use of the computer network in our country, and create a good environment for computer network use.

Identification technology

Identity authentication technology is a kind of security measures that are widely used in the network information processing, namely the network system through the display to the user identity information verification, determine if it has the information resource access permissions, mainly can be divided into two parts and authorization protocol verification agreement. The user wants to complete the access to information data, must provide the identity information and after the system authentication, can improve the security of the information through the setting of access rights. But in actual use process, legal authority can be stolen, aiming at the situation must strengthen to the user identity authentication, guarantee the franchisor to legitimate users, refused to illegal user's access. Now commonly used the identity authentication technology is mainly based on physical characteristics, password, hardware equipment, under the network environment can choose to use the dynamic password authentication, digital certificate, IC card technology and fingerprint identification authentication techniques to determine the user legal status, ensure the security of information.

CONCLUSION

Improve the ability of computer information processing is not short-term productive things, may also need after a long struggle, and that will involve different areas, these different areas are combined reasonably, can last for the promotion of computer information system in our country put forward the best solution, it is undeniable that computer network processing system still exist some defects in our country, and these defects are resolved by insist for a long time, therefore, continue to ask our technical staff insist for a long time, but also requires constant innovation, to have found the best effect.

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