On the Integration of Computer Application Technology and Information Management

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Abstract. At present, China has entered the era of information management as the core. Computer application technology has been applied to various industries in China, and has played a great role in promoting social economy in China. In order to improve the competitiveness, we must improve the ability of information disposal and build a perfect information management system. Give full play to the computer technology to information management. The integration of computer application technology and information management has been the key symbol of scientific development, and computer application in all walks of life in China. The integration of computer application technology and information management can not only improve the quality of computer work, but also enhance the work efficiency. Promote the effective implementation of various work[1].

Keywords: Computer, Information Management, Application Technology

1. Application of computer technology in information management

Information management refers to the use of modern information management tools such as network and computer to classify, transfer, integrate, store and optimize the use of rich and diverse information resources. Information management mode should be established based on information data analysis. Network information resources in the current era of network development presents a blowout trend of information development. The information blowout needs the integration of information technology management system to improve the utilization rate of information data, ensure the orderly information management, and help to maximize the use of information technology. The optimization of information technology system is inseparable from the operation and application of computer application technology. Computer application technology optimizes the information management system by integrating information transmission and integration through program and coding. Application of computer technology in information management.1. Application of computer technology in information management. The application effect of computer technology in information management has an important impact on information management, and is also the key step of information management. Playing the role of computer technology in promoting information management, relying on computer innovation information management methods, can continuously optimize the information management system, improve the standardization of information application integration, and better effectively apply computer technology to each platform of information
management. Information management involves a wide range of fields, but also more complex, and computer technology efficient, high-quality management methods, can greatly improve the efficiency of information management, so as to promote the development of various fields. First of all, computer technology is an important means to improve the accuracy of information management. The use of computer technology can quickly process various data information, analyze the logical structure of information, and further identify the authenticity of information. Secondly, the use of computer technology can achieve the classification of information storage, achieve the goal of structured management and control information, and meet the needs of mass information storage and use. Third, it is more convenient to mobilize all departments to participate in information management and use through computer, reduce the disadvantages of information flow, realize the effective information flow of upstream and downstream colleges and universities, truly realize the flow of information data, and play the application value of information.

Table 1. Attack stage and its solution.

| Phase of attack | Common technology |
|-----------------|-------------------|
| Initial visit   | Valid accounts, exploit open service vulnerabilities, phishing emails |
| implement       | Command line, script execution, PowerShell, WMI, rundll32, task plan |
| Persistence     | Active account, webshell, account creation, scheduling tasks |
| Privilege promotion | Valid account, webshell |
| Defense evasion | Valid account, script execution, disable security tools, code obfuscation, camouflage, registry modification, rundll32, trace removal, file deletion |
| Credential access | Certificate dump |

2. Integration of computer application technology and information management

2.1. Improve information quality and strengthen management system

The first mock exam is often done in the integration of computer application technology and information management, which results in duplication of information, which leads to serious impact on information management. The essence of making money in many industries is to use information asymmetry. The problem is not this mode, but it is not cost-effective to pay for information asymmetry with low value. So search engines, online shopping, Q & A communities One of the important reasons for the rapid development is that the information asymmetry caused by information barriers is effectively weakened by Internet technology. Even the first mock exam has changed the way of life, and more importantly, changed the way of thinking. Therefore, we should increase the use of information quality management. Some practical and effective ways to improve the quality of information. Obtaining valuable information is helpful to improve the quality of information. To divide different kinds of data and information clearly, to store information accurately in database, to form a scientific and effective data system, thus laying a good foundation for future work. Information management is a practical need for colleges and universities to meet the needs of future development, improve the operational efficiency of colleges and universities, and promote the continuous innovation and development of colleges and universities. We should establish a scientific and standardized information management awareness, further strengthen the information management system, and adopt standardized information operation and management methods. Develop computer technology update plan, continuously promote the update of computer technology according to the needs of information integration management, use various software to realize the effective analysis of huge data.
information, and improve the efficiency of data information processing under the concept of accurate processing.

2.2. Enhance management concept and perfect information management system
In the new era, we should constantly update the concept of information management, ensure the perfection of information management system, form a professional information management system, and carry out information management work in a networked, intelligent and scientific way. The integration of computer application technology and information management must be based on a solid information literacy, so as to effectively play the convenience of computer application technology and meet the needs of work efficiency and work quality.

2.3. Broaden the channels of information collection
As we all know, the reliability of information sources is directly related to the authenticity of information. The information resources on the network are very rich and complex, so it is difficult to effectively judge whether the collected information is reliable or not. Therefore, information collection channels should be expanded as much as possible. For example, for some information, valuable resources can be obtained from different channels, and the collected information can be compared and analyzed, and the fake information can be directly eliminated. Through the analysis of the difference of information from different sources, it will also help researchers to clarify the characteristics of information and improve their identification ability. Therefore, in the process of information collection, staff should take a variety of ways, such as questionnaire survey, electronic collection and so on to collect relevant information. At the same time, because people are perceptual, when analyzing the data, they often have the illusion that the changes of the data can be as they wish. Therefore, in the information collection, we must be comprehensive and do not let go of any details to ensure the integrity of the information.

![Diagram](image.png)

**Figure 1.** The placom communication model.

3. Advantages of computer application technology in information management
In the information age, we should pay attention to and grasp the practicability and efficiency of useful information. When improving the integration level of computer application technology and information management system, we can improve the efficiency of space and time of information
resource integration when the computer performs work management tasks, so as to optimize the resource integration method, as well as in the shortest time and the smallest space Internal sorting out the best information management program. In the integration and optimization of information management system and computer application technology, we can improve the practicability of information data and maximize the use of favorable information through the work effect of information management staff and on the basis of improving the convenience and quickness of information data extraction. Computer application has information system management integration, which is conducive to the maximum use of information.

4. Deficiencies in computer application technology

4.1. The professional ability of information data management personnel is insufficient
The information management personnel are the executor and actual operation manager of information data management system. Information management integration needs the professional standard operation of information data staff. The professional ability and professional quality of information data management staff will affect the system results of information data system management technology.

4.2. Computer application technology is unstable and unsafe
Information technology application environment is more complex, computer application technology also has a variety of unsafe factors, coupled with the information system managers and information data management operators of the non-standard operation, and other factors will occur butterfly effect, causing the instability of computer information data. Due to various reasons, computer application technology is difficult to ensure the security of personal information and the privacy of information data. The insecurity of computer information technology and information data management will also have a negative impact on the integration of information management and computer application technology.

4.3. The information data is too much and too miscellaneous, and the credibility is low
The convenience of information and data today, because of the rapid transmission of information, also leads to the reduction of the credibility of information resources, network hackers emerge in an endless stream, hackers and criminals in order to obtain more economic benefits, often produce and disseminate some false information. For example, for entertainment information, information to seek benefits and popularity of the "two split four" and other such speculators. False information data will make people question the authenticity of information data.

5. Conclusion
Information management is a complicated work with great difficulty, heavy workload and much manpower and material resources. It is difficult to complete in various fields. However, if we integrate computer application technology and information management, we can make their respective shortcomings fully harmonious. It can not only save manpower and material resources, but also improve the quality of information. Promote the good development of information management.

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