

puting center is very necessary in the colleges and universities.

4.3. To establish secure cloud computing platform in campus network

Owing to the exchange uses of computers and the storage devices, campus network rooms, laboratories, classrooms have become the main spreading channels of the virus. It is impossible to guard against and the antivirus software is not effective enough to kill the virus, sometimes even manslaughter risks arise. With a secure cloud computing platform, we no longer need to worry about data loss, virus attack and other issues. The teachers and the students only need to put their data and materials stored in the cloud. No matter where to go, only with the Internet, they can easily get access to the related information or services stored in cloud. There is strict access control strategy, which can help us share data with the specific people. At the same time, the centralized data storage makes it easier to realize safety monitoring: by storing the information in one or a plurality of the data centers, and the corresponding management of the data can be conducted, such as allocating resources, balancing load, deploying software, controlling security, maintaining the normal operation of the users' data, so as to provide enough storage space. Cloud services is as easy as using a local computer.

5. Conclusion

As a new business model, till now there is no unified standard and way of realization for cloud computing, for it is highly enjoyed by many enterprises because of its flexibility, efficiency, low cost and energy saving. Along with the increasing attention on cloud computing as well as the maturity of cloud computing technology and the popularity of virtualization and SOA, flexible and scalable infrastructure can eventually make each campus a cloud node, which will be a long-term trend. As a powerful means in the integration of educational resources, cloud computing is bound to have more and more applications in the Institutions of higher learning and education network.

6. References

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