

Preliminary Study of Cloudy Database Securely Applied in Digital Campus

Abstract

The construction of digital campus is far from perfect in many higher educational institutions, proved by the existence of massive problems relating to data store, data transmission, and data security. Taking the practice of the university where the author works, this article analyzes the defects haunting current digital campus database system, and proposes a corresponding solution—"campus database system" based on the concept of "cloud database". By virtue of the foregoing system, a brand-new data network characterized by high efficiency and flexibility will be established. Moreover, the paper delivers a systematic discussion about the merits and disadvantages of the proposed solution. In particular, the article reveals some potential security threats concerning "cloud database", and raise feasible countermeasures.