



Improving Your Security with Cloud Computing



Improving Your Security with Cloud Computing

Some people mistakenly believe that cloud computing is less secure than traditional client-server networks. The truth is, your security is actually improved with cloud computing.

The Chief Technology Officer of the CIA, Gus Hunt, told attendees at an Amazon Web Services conference in Washington that cloud computing can be more secure than the traditional client-server approach. In a cloud computing environment, it is more difficult for people to carry out an attack. The software is held on a server on the cloud and would have to be completely reimaged or removed and then set up quickly on

“Some people mistakenly believe that cloud computing is less secure than traditional client-server networks. The truth is, your security is actually improved with cloud computing.”

another server to be used. Hunt further explained that companies can increase security on the cloud with encryption tools to protect all data and systems. Here are five reasons why data held via cloud computing services is more secure than data held at your own data center:

More Than a Password

Cloud security offers more than password protection of data. In your business, there is likely one or two employees who have access to all sensitive data and could very well use those access privileges to compromise the security of your system. With cloud computing, it is unlikely any one person in the organization will have access to everything. People are assigned access to each piece of data or program only as necessary to perform their job responsibilities, eliminating the inside threat for compromised data.

Skilled Staff

When you work with NCGIT, we've got a team in place with the expertise needed to manage secure data storage. A business owner doesn't usually have access to the same level of experienced staff in their internal IT department. Less experienced employees are far more likely to create vulnerabilities in data storage or misconfigure something that results in compromised data.

“When a problem does crop up, we can solve it much more quickly, with far fewer negative consequences, than an inexperienced team.”

Consistent and Continuous Monitoring

Cloud computing is more secure than a traditional set up because of the continuous auditing, security testing and monitoring provided. Your internal IT department probably doesn't have the staff in place to reliably monitor all systems and operations on a continuous basis. In addition from ensuring a reliable work environment, the continuous monitoring also results in ensuring software is updated and everything is running at the latest version while minimizing any problems since irregular behaviors would be caught and corrected much more quickly.

Controlled Environment

The cloud computing platform is scalable, but designed to carry out a specific, limited set of tasks. In order to accomplish both, cloud computing requires standardization of all equipment, hardware, operating systems and software applications that enable the cloud provider to control the environment. A controlled environment is much more secure.



2 Canton Street, Suite F100
Stoughton, MA 02072

781-297-7590
NCGIT.com