Abstract

The paper outlines the reality of global e-commerce, pointing out inherent risk areas that could threaten the system. This paper investigates the relationship between globalization, ecommerce adoption or acceptance that lead to business performance and effectiveness. In this paper, we will discuss how globalization impact on e-commerce in business with policy implementation, pro and cons of e-commerce enhancement in the increase to business. It will outline the framework of the new policies and regulations needed by e-commerce. There will be future research and conclusion based on what we believe globalization of e-commerce will lead to growth in business. The World Wide Web has become an environment for distributed applications of all kinds. The originally intended use of the Web as distributed system for knowledge-interchange seems to disappear, compared to the increasing number of Electronic Commerce Web applications. Organizations offer products and services in the Web, and use the Web as a means to integrate their heterogeneous business application systems. Offering Web-based products requires combining services of different application systems, which were build on the coarse-grained Web implementation model. Reusing the respective fine-grained services and application systems respectively integrating these cross-platform application systems increases quality and reduces costs of the new product. The Web as a global point of sale seems to be very promising but obviously suffers from its heritage - the coarse-grained
implementation model. E-Commerce, an electronic medium that generates revenue on demand, can be demanding in maintaining security administration and management. Ensuring a desktop PC, or a server on the LAN can provide moderate challenges in securing the device, securing a device in an E-Commerce environment can prove most challenging. Whether Consumer or Business, E-Commerce provides extraordinary challenges in that our organization uses this revenue generating medium to provide a service which is highly accessible publicly and privately and usually requires undesirable communication to be opened to these devices. The criticality of E-Data poses additional security measures, sensitive data pertaining to customers and business partners traversing private to public networks requires proactive measures to insure a secure environment. In the problem area, we will describe some attacks in business applications by unauthorized access of business software and their related protocols and in the prospect area, we will conclude some detection methods for the attacks and their prospective prevention methods.

References

- Brian Cashell, William D. Jackson, Mark Jickling, and Baird Webel (2004), "CRS Report for Congress-The Economic Impact of Cyber-Attacks"
- Freeman, C. (1994a) "The Diffusion of Information and Communication Technology in the World"
- H. W. Gellersen and M. Gaedke (1999), "Object-Oriented Web Application Development"
- S Terry Brugger and Jedadiah Chow, (2005) "An Assessment of the DARPA IDS Evaluation Dataset Using Snort"
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