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Virtualization Security for information Centers

Munasinghe, M.A.K.S.¹, Thilina Pathirana²

The use of virtualization technologies comes with many benefits such as agility, flexibility and cost efficiency. Virtualization and its unique architecture have many characteristics and advantages over traditional non-virtualized machines. The virtualization security system excels the traditional normal security. Each users of information centers cannot be provided each physical computers due to some unavoidable reasons and causes. Therefore, a number of individuals have been facing considerable problems and difficulties such as inability of using physical computers, attaching of wrong and unrecognized information to information gateways.

The technology is in the process of developing for applications while VMs and checkpoint firewall is in the for front all server loads run and security respectively. This paper attempts to identify the differences, issues, challenges, risks, etc. caused by traditional non-virtualized machines and to illustrate the other side of this. Virtualization security for information Centers have already utilized many of the solution concepts into their products to combat the vulnerabilities that are present.

Security in a virtualized information center can also be more fully automated. As a Result of this Administrator is helped to protect the information security policies of the information centers. The purpose of this abstract is to provide a good starting point for spreading better information security behaviors. Hear, I intent to mention the utility of the information adding day by day for the interaction between distribution and management of security architecture. Therefore, users can have a direct access for reliable information they want. Therefore, this research can be considered as a practical solution for the problem of physical technology from the virtualization security options.

Key words: *Virtualization, technologies, VMs, checkpoint firewall, information Centers, automate, non-virtualized machines, Administrator, security policies*

¹ Information and Communication Technology Centre. University of kelaniya., kasunm@kln.ac.lk ²

University of Kelaniya, thilina@kln.ac.lk