

Protection of Data in Virtual and Physical Computing Environments

Disclosure Number

201102659

Technology Summary

The protection of data and information in virtual and physical computing environments is paramount to today's government and commercial enterprises. This invention identifies the policies and technical measures to protect data from mechanical loss, cyber threat, and theft from both external and internal threats. In today's environment, numerous technologies are employed to protect the physical assets (e.g., servers and communication pathways to access the servers) that data and information is stored on. Additional protections are employed to prohibit unauthorized access to data and information. What this invention addresses is the authorized access (i.e., the fact that certain authorized users and applications must have nearly full access to the data in order to accomplish their assigned tasks), and the measures and a new technology that must be employed to protect data from mechanical loss, cyber threat, and theft from both external and internal threats.

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