



RESEARCH ARTICLE

Data Protection for Clients in Private Network through Virus-Protection as a Service

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Abstract— Cloud computing is seen as the next wave of Technology which will accelerate the pace of the IT industry. Cloud services will increase the computing power without investing much on infrastructure. The cloud offers service includes SPI – Software, Platform and Infrastructure. Cloud services enable users to remotely utilize the services in the pay-per use model. As the services types evolve, the need of the security shoots up. The aim of this paper discusses how to provide Security as a Service (SECaaS). Conventional virus protection applications are standalone and needs individual updates .The idea of providing Virus Protection as a Service(VPaaS) is discussed as a part of SecaaS .This centralized virus protection in cloud will serve as a one point Anti-virus application which will secure the clients in the network against virus attacks. This model can be seen as a successful business model for the organization and also reduce the cost of individual license for the applications.

Key Terms: - Cloud computing; Software as a Service; Virus Protection as a Service; Openstack; Virtual machine
