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*1.SECURITY ISSUES IN CLOUD 2.CONCLUSION*

# 1.SECURITY ISSUES IN CLOUD

**Cloud computing comes with numerous possibilities and challenges simultaneously. Of the challenges, security is considered to be a critical barrier for cloud computing in its path to success.**

A.DATA LOCATION AND LOCAL TRANSPERANCY:

**The security challenges for cloud computing approach are somewhat dynamic and vast. Data location is a crucial factor in cloud computing security.**

**Location transparency is one of the prominent flexibilities for cloud computing, which is a security threat at the same time without knowing the specific location of data storage, the provision of data protection act for some region might be severely affected and violated.**

B.TRUST:

**Trust establishment might become the key to establish a successful cloud computing environment.**

**Trust in cloud might be dependent on a number of factors among which some are automationmanagement, human factors, processes and policies .**

**Trust in cloud is not a technical security issue, but it is the most influential soft factor that is driven by security issues inherent in cloud computing to a great extent.**

C.DOdS(Distributed Denial of service): **This attack is one common yet major attack for cloud computing infrastructure , The well known DDoS attack can be a potential problem for cloud computing.**

**The security of virtual machine will define the integrity and level of security of a cloud environment to greater extent.**

**Accounting & authentication as well as using encryption falls within the practice of safe computing - they can be well considered as part of security concerns for cloud computing.**

**vendor lock-in might be considered as one of the possible risks in cloud based services which do not essentially have to be related to security aspects.**

**\*Other examples of business risks of cloud computing could be licensing issues, service unavailability, provider's business discontinuity that do not fall within the security concerns from a technical viewpoint. Thus, in cloud computing context, a security concern is always some type of risk but any risk cannot be blindly judged to be a security concern.**

**\*Allocation of responsibilities among the parties involved in a cloud computing infrastructure might result in experiencing inconsistency which might eventually lead to a situation with security vulnerabilities.**

**\*As cloud computing normally means using public networks and subsequently putting the transmitting data exposed to the world, cyber attacks in any form are anticipated for cloud computing.**

**\*Factors like software bugs, social engineering, human errors make the security for cloud a dynamically challenging one .**

*2.CONCLUSION:*

**\*Cloud computing has enormous prospects, but the security threats embedded in cloud computing approach are directly proportional to its offered advantages**.

**\*Cloud computing is a great opportunity and lucrative option both to the businesses and the attackers – either parties can have their own advantages from cloud computing**.

**\*The security issues could severely affect could infrastructures. Security itself is conceptualized in cloud computing infrastructure as a distinct layer . Security for cloud computing environment is a non-compromising requirement.**

**\*cloud computing can offer virtual ownership and access to 'super computers’.**

**\*Research effort has been contributed to develop faster yet secured SCC tools which will greatly influence the pace of research and motivation in various fields together with clouding computing itself.**

**\*The vastness and potentiality of cloud computing cannot be overlooked, subsequently robust security models for cloud computing scenarios is the most prioritized factor for a successful cloud based infrastructure development and deployment.**

**\*Service oriented architecture and other characteristics of cloud computing suggests that the concept of cloud computing would require to analyze the practicality in line with social, business, technical and legal perspectives.**

# THANK-YOU