Survey on Security and Privacy of Cloud

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Abstract:--
     The cloud computing in recent years has become immensely popular because of virtual centralization of data and services. With the increasing use of cloud computing, security issues must be effectively managed such as confidentiality, authentication, integrity, and non-repudiation. As we have the cloud computing where in, the service and data maintenance is provided by some vendor which leaves the speaking, the client has no control over it. The cloud computing uses the internet as the communication media. When we look at the security of data in the cloud computing, the vendor has to provide some assurance in service level agreements (SLA) to convince the customer on security issues. In the proposed mechanism, new web service architecture will be developed that would simulate the web evaluation performance of the cloud computing services with all aspects of security issues. A simulation performance web service includes Software as a Service (SaaS), Platform as a Service (PaaS), Infrastructure as a Service (IaaS), Communication as a Service, Data Storage as a Service. This paper review the survey on cloud security and privacy in terms of application, data, runtime, middleware, operating system ,virtualization ,server ,storage ,networking and service level agreements (SLA).