

عنوان مقاله:

Security Issues in Cloud Computing Environments and Offering a Method Based on Data Mining for Increasing Content Security

محل انتشار:

سومین کنفرانس بین المللی پژوهش در مهندسی، علوم و تکنولوژی (سال: 1395)

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خلاصه مقاله:

Cloud computing technologies reduces costs associated with computing while increasing the flexibility and scalability for computer processes. However, cloud based services have many major problems of information policy, including issues of privacy, security, reliability, access, and regulation, of which security is the most important one. Traditional security framework consists of three essential levels – Operating systems, Services and Application level. Webservices contribute a new level in the framework and this new level is the business application layer. Since the web services communicates with each other by using an XML-based message known as SOAP, this research focusses on the security of web application level and further exploits the attack ambiguous factors and then proposes a solution based on data mining by cleaning the outlier data in order to detect the attack in the XML message. And finally, by recognition of data distribution of a content, the changes in the XML code will be detected in order to avoid related attacks.

کلمات کلیدی:

Cloud Computing Security, Data Mining and Cloud Computing, XML Rewriting Attack, Coercive Parsing Attack

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