

A semi-automatic trustworthy scheme for continuous cloud service certification

Abstract:

Now a days cloud computing is the trending technology which is using by the individuals and the organizations .cloud data is flexible and it can access from anywhere along with these there are some lot of advantages and meanwhile some data security problems will be arise.

Existing system:

In the existing system Assurance and verification techniques (e.g., audit, certification, and compliance) need to be adapted to fit the dynamics of the cloud ecosystem . The advent of cloud in fact makes traditional techniques inappropriate, because assurance claims and information were assumed to be all available a priori at the time of evaluation and before service deployment. Cloud assurance aims to increase cloud trust and transparency, and therefore needs to manage claim verification and evidence collection in a post-deployment environment. Moreover, due to the fact that cloud assurance should manage the complete cloud service/application life cycle,

Disadvantages:

1. It can handle single cloud layer at the time. So that application performance will not be high.
2. Data security levels have to be improved.

Proposed system:

we provide a rigorous and adaptive assurance technique based on certification, towards the definition of a transparent and trusted cloud ecosystem. It aims to increase the confidence of cloud customers that every piece of the cloud (from its infrastructure to hosted applications) behaves as expected and according to their requirements. We first present a test-based

Further Details Contact: A Vinay 9030333433, 08772261612, 9014123891

#301, 303 & 304, 3rd Floor, AVR Buildings, Opp to SV Music College, Balaji Colony, Tirupati - 515702

Email: info@takeoffprojects.com | www.takeoffprojects.com

certification scheme proving non-functional properties of cloud-based services. The scheme is driven by non-functional requirements defined by the certification authority and by a model of the service under certification. We then define an automatic approach to verification of consistency between requirements and models, which is at the basis of the chain of trust supported by the certification scheme. We also present a continuous certificate life cycle management process including both certificate issuing and its adaptation to address contextual changes.

Advantages:

1. Several Methods used for the improvement of the security.
2. Application performance is increased.

SYSTEM REQUIREMENTS

H/W System Configuration:-

- Processor - Pentium –III
- RAM - 256 MB (min)
- Hard Disk - 20 GB
- Key Board - Standard Windows Keyboard
- Mouse - Two or Three Button Mouse
- Monitor - SVGA

S/W System Configuration:-

- Operating System : Windows95/98/2000/XP
- Application Server : Tomcat5.0/6.X
- Front End : HTML, Jsp
- Scripts : JavaScript.
- Server side Script : Java Server Pages.
- Database : MySQL 5.0
- Database Connectivity : JDBC