Available Online at www.ijcsmc.com

International Journal of Computer Science and Mobile Computing

A Monthly Journal of Computer Science and Information Technology

ISSN 2320–088X

IJCSMC, Vol. 3, Issue. 3, March 2014, pg.49 – 55

RESEARCH ARTICLE

TRUSTED ATOMIC WEB SERVICE TRANSACTION IN CLOUD

K. LOHESWARAN, S.BAGYASHREE, K.KAVIYA

Information Technology & Tamilnadu College of Engineering, India

Information Technology & Tamilnadu College of Engineering, India

Information Technology & Tamilnadu College of Engineering, India

loheswaran.k@gmail.com, shreeeemh@gmail.com, kaviyakesavan@gmail.com

Abstract— ***— Cloud is the emerging technology used in recent trends and for all WS-BA.I n this paper we proposed by providing more security for atomic transaction in web service. Considering online net banking system, the user will enter their user id and password for accessing their account details. They can view all the accounts across all branches of Net Bank locations online and as well affect fund transfers on real time basis within the Bank network. The fund transfers are stored in Net bank database using some services and if some crash or data loss occurs in database the replica is created for efficient transaction by using BFT algorithm. The services includes, Activation service, Registration service, Completion service, Coordinator service***

In activation services, creates a Coordinator object and a transaction context for each transaction. Essentially, the Activation service behaves like a factory object that creates Coordinator objects. The Registration service allows the Participants and the Initiator to register their end point references. The Completion service allows the Initiator to signal the start of the distributed commit. The Coordinator service runs the 2PC protocol, which ensures atomic commitment of the distributed transaction.

Keywords: cloud, BFT, replica, fund transaction, services included

Full Text: http://www.ijcsmc.com/docs/papers/March2014/V3I3201406.pdf