A PRICE ORIENTED RESERVATION OF THE TIME SLOT NEGOTIATION

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ABSTRACT--Utilities of the time slot function in which a tradeoff has to be maintained in between the price that is the amount of the usage followed by the service of the quality based assistance in a well oriented aspect respectively. Here a strategy is made in which in order to overcome the above problem that is on the based on the previous methods in a well respective fashion a new technique is implemented by the help of the strategy of the PTN oriented fashion in a respective scenario. Here the strategies of the PTN include mechanism of the negotiation based strategy in which agents and the loud based aspect in the intermediate analysis of the cloud based aspect respectively. Here there is a lot of analysis is made by the system based aspect in which negotiation has to be done between the service provider followed by the customer in a well oriented fashion respectively. Here the service based on the cloud computing lays a well efficient role in its implementation aspect depending on the reservation based strategy in a well effective manner by which there are the agreement based on the provision of the service level oriented strategy in which in between the service provider followed by the query oriented customer in a well oriented aspect respectively. There should be a mutual understanding between the service provider followed by the query of the user in terms of the price based negotiation and the interrelated aspect of the bandwidth based strategy followed by the time oriented parameter in a well respective fashion takes place in the system respectively. Simulations have been conducted on the present method and a number of analyses are made on the present system and the evaluation of the performance based strategy followed by the entire system based outcome in a well oriented fashion respectively.

Keywords-- Distributed strategy, Negotiation loss, Data authentication, PTN strategy, Privacy based aspect, Service provider respectively

I. INTRODUCTION

There are several issues at the time of agreement establishment and some of them includes Amount factor and also the time factor that is when and how to use the service and at what time what the amount has to be paid to the provider that is how the rental basis involves etc. The above system is considered as issue based on the multiple negotiations of PTN [1]. Whereas the other types of the methodologies that is previously investigated and one of them includes SLA fails to examine both of the strategies at a time that is both time slot as well as the amount charge for a particular slot. Therefore the negotiation has to be maintained between the both of the commodities [2][3]. In short the amount or the charge of the service by the provider is completely dependent on the duration of the slot by the customer. The service quality is maintained by the SLA where it plays a crucial role I the governance of the system that is cloud. It play a key role where the quality is taken into the consideration at the place of the consumer as well as the slot usage and regarding the durability of the system and constraints related to the amount [4]. A system which is distributed simultaneously by the help of interconnectivity in between the different several computers by the way of dynamic approach which is presented in a single resource depending on the agreement of service involvement of consumer and the provider is termed as the cloud. And in the other strategies the result of one market is completely dependent on the resultant of the other market [5]. The main functionalities of the proposed technique includes higher priority has to be allotted to the time slots which was done/ implemented by the function of utility included in the PTN phenomena, Next the second priority is allotted to the customer based scenario that is the price based scenario for this particular thing a proper design of trade off takes place [6]. Next moving to the test bed of the cloud implementation. Therefore both of them that is price as well as the quality based service are both inter dependent on one other. That is if the customer has to access the slot for high amount of time therefore the

charge is also desirably high which was collected by the service provider that is for cloud [7].
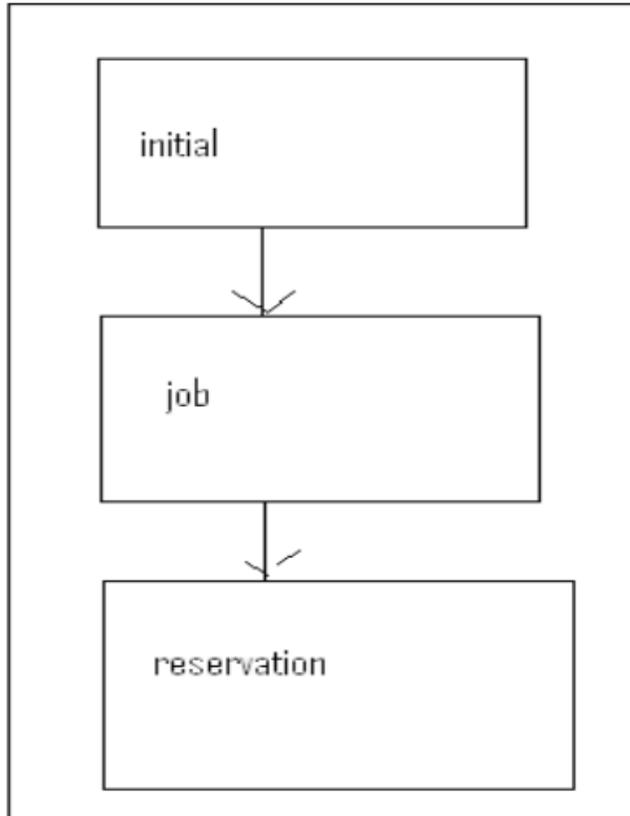
II. BLOCK DIAGRAM

Fig 1: Shows the block diagram of the present method respectively

III. METHODOLOGY

In this paper a method is designed with a well effective framework oriented strategy for the improvement of the performance based strategy followed by the outcome of the entire system based response in a well oriented fashion respectively. Here the implementation of the present method is shown in the above figure in the form of the block diagram and is explained in the elaborative fashion respectively. Here the present method completely overcome the drawbacks of the several previous methods in a well effective fashion respectively [8][9]

IV. EXPECTED RESULTS

A comparative analysis is made between the present method to that of the several previous methods is shown in the below figure in the form of the graphical representation

and explains in a brief elaborative fashion respectively. A lot of analysis is made on the present method and the huge number of the simulations has been conducted on the large number of the data sets in a well oriented fashion respectively. There is a huge challenge for the present method where it is supposed to improve the performance of the system followed by the overall system based analysis with respect to the outcome of the entire system respectively.
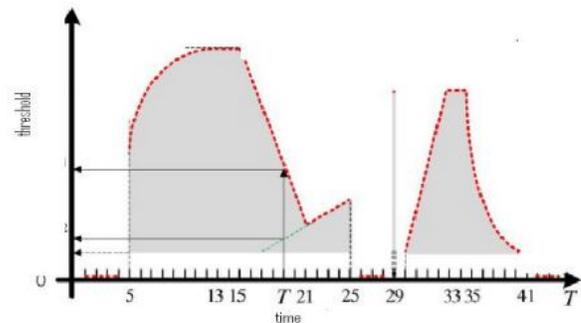
Fig 2: Shows the graphical

Fig 2: Shows the graphical representation of the present method respectively

V. CONCLUSION

There is a proper devising of the slot oriented with the frames oriented time in a well respective fashion respectively. In this paper a technique is designed with a well effective framework oriented strategy in which there is an accurate analysis followed by the outcome oriented with respect to the performance based strategy in a well oriented fashion respectively. Here the system is designed by the analysis of the strategy related to the aspect of the framework of the significance followed by the analysis in a well oriented fashion where the work oriented design is completely based on the mechanism of the strategy of the PTN based analysis in a well effective manner respectively. Here the implementation of the paper is stated as follows with respect to the functional utility of the time slot based scenario followed by the preferences of the different characteristics in a well oriented fashion respectively. There si a proper identification of the slot based on the time based strategy in which by the manager oriented phenomena in a well oriented fashion respectively. Here we finally conclude that the present
method is effective and efficient in terms of the analysis followed by the outcome in a well o riented fashion respectively.

VI. REFERENCES

[1] H. Gimpel, H. Ludwig, A. Dan, and R. Kearney,

"PANDA: Specifying policies for automated negotiations of service contracts," in Proc. ICSOC, vol. 2910, LNCS, New York, 2003, pp. 287–302.

[2] R. Lawley, M. Luck, K. Decker, T. R. Payne, and L. Moreau, "Automated negotiation between publishers and consumers of grid notifications," Parallel Process. Lett., vol. 13, no. 4, pp. 537–548, Dec. 2003.

[3] K. M. Sim, "G-commerce, market-driven Gnegotiation agents and Grid resource management," IEEE Trans. Syst., Man, Cybern. B, Cybern.,vol. 36, no. 6, pp. 1381–1394, Dec. 2006.

[4] K. M. Sim and B. Shi, "Concurrent negotiation and coordination for Grid resource coallocation," IEEE Trans. Syst., Man, Cybern. B, Cybern., vol. 40, no. 3, pp. 753–766, May 2010.

[5] K. Czajkowski, I. Foster, C. Kesselman, V. Sander, and S. Tuecke, "SNAP: A protocol for negotiating service level agreements and coordinating resource management in distributed systems," in Proc. 8th Workshop Job Scheduling Strategies Parallel Process., Edinburgh, U.K., Jul. 2002,pp. 153–183.

[6] I. Brandic, D. Music, and S. Dustdar, "Service mediation and negotiation bootstrapping as first achievements towards self-adaptable Grid and Cloud services," in Proc. GMAC Workshop Conjunction With 6thInt. Conf. Autonomic Comput. Commun., Barcelona, Spain, Jun. 2009, pp. 1–8.

[7] A. Paschke, J. Dietrich, and K. Kuhla, "A logic based SLA management framework," in Proc. SWPW, 4th ISWC, Galway, Ireland, 2005.

[8] S. Son and K. M. Sim, "A multi-issue negotiation mechanism for Cloud service reservation," in Proc. Annu. Int. Conf. CCV, May 2010, pp. 123–130.

[9][Online].Available:
http://aws.amazon.com/ec2/pricing/