

**CLOUD BASED SIMULTANEOUS DATA PROCESSING BY THE
EFFICIENT ALLOCATION OF RESOURCES****K.Geethaprabha¹, L.Raghavender Raju²**

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ABSTRACT:

On discussion with infrastructure related aspect simultaneous processing of the data based ad hoc oriented network where the transmission of the data takes place simultaneously plays a major role in the society for the rapid transmission of the data depending on the demand made by the user. This problem based on the complexity can be reduced by the simultaneous data transmission respectively. The advancement in the internet which provide services to the user depending in the demand of them. Internet plays a vital role in the society. Some of the services include service based on the software, Service based on the infrastructure; Service based on the platform based phenomena. Here in this present application we are mainly interested in discussing about the service based on the infrastructure respectively. Here the framework is designed for similar setup based cluster and also the static based phenomena respectively. There may be arise in the problematic oriented phenomena where the number of the users are more compared to that of the requirement of the resource so there may be a delay in the system takes place in order to satisfy the users. So this particular problem has to be solved out in order to support that the system is efficient in terms of its performance respectively. Now most of the companies have started research on the data transmission based on the simultaneous approach. Here this particular thing was taken into the consideration due to the complexity oriented large number of users. Experiments are conducted on the present method where the accurate analysis related to the performance based strategy is analyzed in a well efficient manner respectively.

Keywords: *Cloud computing, Resource allocation, Service oriented infrastructure, Reliability, Nephela Architecture.*

1. INTRODUCTION

So the user in the form of the companies are expecting a lot of thing from the service provider with which reduced cost followed by the advancement oriented the system in such a way that there should no trouble to him irrespective of time. So in order to overcome this particular problem a system is designed with a particular framework where there should be complete reduction of the complexity takes place irrespective of the any number of the users respectively [1]. Nowadays there are large number of the service providers includes yahoo, Google etc. Where it may provide to access the data at any time from its search engine depending on the database. Then that particular type of the service provider may become the highest successful data provider and it is very much in terms of the performance and also very much effective in a business oriented environment respectively. With the rapid advancement in the technology there may be also increase in the business oriented phenomena [2][3]. So if there are large number of the users accessing the same search engine there may be a chance of

overload which may lead to misclassification of the data finally results in a poor performance oriented phenomena.

BLOCK DIAGRAM

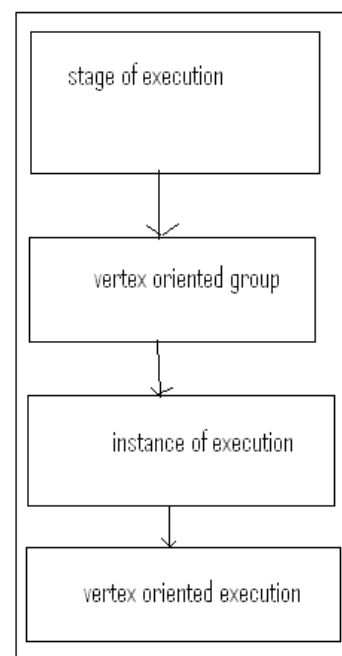


Fig 1: Shows the implementation of the present strategy respectively

2. METHODOLOGY

The main design strategy of the present designed system is shown by the above figure and are briefly elaborated. Initially the clients data is sent to the manager based on the job then after a

process is done on that particular data and it is transferred to the machine based on the virtual oriented scenario [5]. There is a huge challenge for the present method where in order to overcome the drawback related to the several previous existing technique in a well efficient manner. In the present method it is stated that it is designed with a particular framework where it will overcome the drawbacks of the previous several existing techniques and works in an effective and efficient manner in order to improve the performance of the system and the design strategy is as follows. Here the new method is implemented services based on the cloud is by the name nephele [4][6]. Here this system is designed based on the failures of the existing techniques into the evaluation respectively. In the manager based on the job there the proper ordered data has been made. Where the connection has been established between the server and the processed data oriented phenomena respectively. By this computational complexity is got reduced by the system and it direct reflects to the time based scenario. Finally the outcome of the system is with effective performance respectively [7][9] Where we can call this interface as the control unit. The complete managing of the data is been done that is in terms of the process oriented

phenomena. And finally transfer the data in to the phase of execution respectively. So here instead of process of the data of the user based on the sequential order rather the evaluation of the process takes place in a simultaneous fashion respectively [8].

3. EXPECTED RESULT

A lot of analysis has been made on the present method and a huge number of the experiments are conducted by the help of the proposed method on a large number of data sets in an efficient manner respectively. Here a comparative analysis is made between the present method to that of the several previous existing techniques in a well efficient manner and it is displayed in the below shown graphical representation respectively. There is a huge challenge for the present method where it supposed to accurately improve the degraded performance due to the failure of the several previous existing techniques in a well efficient manner and improve the performance where the entire system oriented analysis is accurate. Here we finally conclude that the present method is effective and efficient in terms of the performance followed by the complete analysis and overcome the problems in a well effective manner respectively.

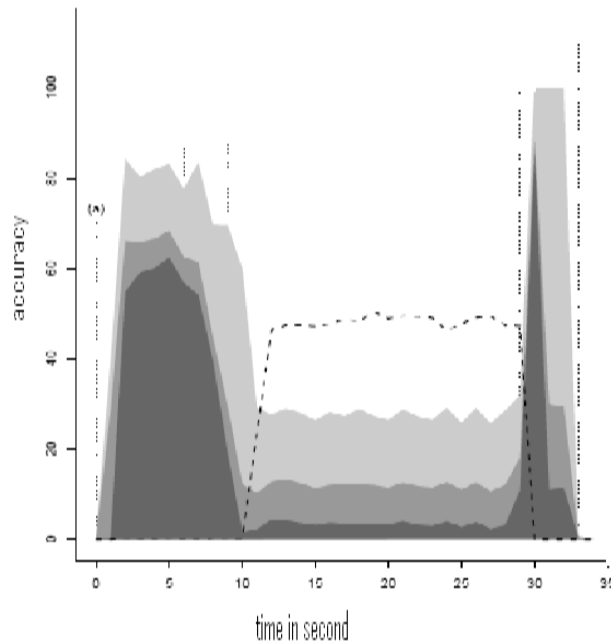


Fig 2: Shows the graphical representation of Nephale oriented strategy

4. CONCLUSION

There is a huge challenge in this paper for the effective processing of the data in a simultaneous followed by the quite analogous fashion respectively based on the environment related to cloud oriented strategy followed by the nephale oriented principle respectively. Here the present designed effective and efficient in term so of the performance based strategy followed by the accurate analysis of the data in a well oriented fashion respectively. Here the advancement in the internet oriented strategy in a very

effective manner where the services are based on the service respect to the infrastructure as a main strategy where the dynamically allocation of the resources plays a major role in the society respectively. Here the architecture is designed based on the above prescribed model in which there is an efficient implementation of the nephale oriented strategy and it is implemented in the network related to the Hadoop based strategy based framework respectively. Here we finally conclude that the present method is effective in terms of the accurate analysis followed by the control of the degradation of the performance of the existing technique sin a well efficient manner respectively.

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