

Efficiency, Reliability and Flexibility, Combining Information Services Resource

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ABSTRACT:

A virtual supercomputer by providing large-scale system resources (eg, collaboration, cloud computing and grid computing) resources (such as computing, storage and data) delivered over the Internet made huge amounts of infrastructure sharing partnership. Collects data and resource sharing service that provides a source of information is an important part of the functionality of the system in search of the source of the necessary resources to locate the source. In addition, the speed and innovation of the resources (ie, capacity) costs, capacity right material (ie, reliability) to trace the source to assess the quality of service is an important indicator.

In the past, resources, information service systems, distributed hash tables (DHT) based on a standard key to provide search functions have been proposed. However, these systems are either low or a low reliability, high efficiency, high reliability, are able to achieve. Also, only a few systems, exact match or preset list properties use a resource that is limited by the flexibility of the offer described.

This document also limited the expression of resources to provide high efficiency and reliability without the service is a resource for communications services. PlanetLab extensive simulation and proposed service capacity, reliability and performance, which outperforms other services in terms of the flexibility of the experimental results; Efficiency and reliability, it reduces overhead and provides significant improvements.

INTRODUCTION:

The system then maps the source of a DHT node item. All the games in terms of resources and costs involved in the issue of nodes foundwith ofmessages is no guarantee. Resources dimensions to the size of this vector. PIRD Euclidean spaces [32] based on a combination of existing LSH as a resource, to create maps of the source of the DHT nodes. With the incredible number of characteristics of system resources and memory PIRD enough reason to use resource IDs, vectors, long the source of creation leads to a reduced capacity. Schmidt ,Parashar search indexing system proposed by the reduction in the size of the source. They feature a representation of a resource dependency is a multi-functional space.3-dimensionalkeyword space shows an example of a word-dimensional space. Number Resources; saw the total number of features in the grid system. PIRD attribute mapping a predefined list to build a point, they are flexible enough to cope with the new features are not. To overcome this problem, our LIS resources which LSH resources created by the new features do not need to change the proposed list of predefined attribute. Therefore, LIS significantly reduces memory usage and improves the efficiency of the construction of resource identifier. All methods should be more than about 3ms. It is proposed load balancing algorithm produces results show very low latency.

SYSTEM PRELIMINARIES:

CASE STUDY AND DATA COLLECTION:

We collaborative web-based is considered as a case study to evaluate the performance of an application.

Application, users store, manage and share documents and images related to the construction of major projects. The structure of service required for this application include: firewall (X1), intrusion detection (X1), balance (X1), web servers (x4) Application Server (X3), the database server data (X1), the report server database (X1), download, email servers (X1), and health monitoring server (X1). To meet these demands, our goal is to get cloud services the best structure.

USER

QoS and other parameters in executing dynamic service selection to improve the reliability of a service creation simple way. In a dynamic service call structure into the configuration of QoS parameters will be based on the most recent implementation of a set of functional services and the services of each service is equal. Equivalent services, and explore the selection, however, two major problems largely limit the application of dynamic compositions. The service is selected at run time, and hard as additional restrictions on state fullness composability, state based reliability model should be applied. However, support for these models, it is difficult for the more complex compositions will be presented to explode. The other approach is to choose an optimization problem is considered the most used service. User to another user in the same group established its information from the data in the data path, stopping to share. Users can download files to the cloud. Administrator allows you to store data in the cloud. In the circumstances the user can download files to the cloud.

ADMIN AUTHENTICATION

We [20] The proposed method for amending an extension of our previous work on the basis of the service as a way of improving reliability. Overview of the recommended measures to strengthen the low point for assessing the reliability and reduce the need to define the practice. The rest of this section, we briefly describe each of the steps. Administrators can block users, and new users can accept the request.

Users can download files to the cloud. Administrator files can be stored in the cloud, only allows the file to the cloud.

CLOUD

However, the detail and streaming software platforms in the coming years with the growing popularity of SOA Service (SaaS) and other cloud computing implementation should gain more traction, [4], [5]. One of the benefits of SOA service existing component-based applications are built by combining services is confirmed. System concept compositions interests that benefit from a clear division of SOA design is particularly popular is a wide variety. For example, when designing systems, a business process that can be developed independently by different organizational units within the performance of various departments. However, the design of service compositions to monitor the developer composition can be deployed with additional challenges by third parties are used. The reliability, availability, or any other quality of service (QoS) parameters as a strong concern for the environment, as well as the need to create a structure of a substantial level of non-functional characteristics.

RELATED WORK

DHT-based direct mapping system, in a structured P2P P2Ps in some of the systems in parallel for each attribute, and the process of adoption resource issues [6, 7]. Therefore, the resource properties, grid information service needs of DHT has a grid overlay. Based on the resources for building multi P2Ps P2P lead to high maintenance overhead can. Procedures [4-7, 12], all sources of information in a structured P2P overlay is used by another group. In this group, a resource, and resource information for each item is stored in the separation properties P2P node. This strategy results in an imbalance of the load between nodes, and a large amount of information from a single node to search can lead to a higher price. Direct mapping system, a resource for the requested search, and the search for the source of the answer is the result of each characteristic.

These methods and research, and the high cost of information storage and therefore a large number of nodes in the path of the space and messages pooling. They provide high reliability, but at the cost of lower efficiency. In addition, the system Only the matching service, which the adoption of a wide range of practical applications stops. Schmidt Parashar [8] proposed a reduction in the size of the discovery is the source of the indexing scheme. Every characteristic of a resource dependency to build a multi-functional space represents, and space for a multi-resource property is a point estimate. The proposed system and the conservation of resources, space-filling curve (SFC) [13], change the size of a dimension which is a source of similarity between a multi use. The system then maps the source of a P2P node point. It's a question of resources and costs involved in the current messages in terms of the number of nodes on the border all the games promise to appear.

However, due to the planned reduction of the large space, the size of the SFC see performance degrading when many of the characteristics of effective learning resources is satisfactory. This method provides a high capacity, but at the cost of lower reliability. Our previous work [9] Internet search mechanism proposed resource distribution system PIRD DHT. PIRD a multi-dimensional space constructed. [8] The Euclidean spaces [14] The area is already sensitive hash based on a number of techniques to create a resource, then the source of DHT nodes maps. PIRD with the incredible number of characteristics of system resources in the high memory consumption due to long vectors and sources, low efficiency leads to the creation of resource IDs. Recognizing this problem, yet we PIRD (OPIRD) LZW compression algorithm dynamically optimize resources to reduce the length of vectors [15] developed.

CONCLUSION

Massive resources sharing system previously proposed data services (eg, collaboration, cloud computing and grid computing), low efficiency and high overhead or resource attributes a large number of resources to be

effective satisfied with the environment are not. Furthermore, by providing an exact match performance service based on a list of predefined properties and limited flexibility details of the source of most of the services. Effective reliability and high LSH Information Services (LIS) creation and efficient resource exploration .LIS LSH functions depending on the quality of the resource paper on them to provide resources in the cluster data. This is especially effective resource properties, resources that are not satisfied with the environment, a large number. In addition, removing the need to provide more flexibility in processing and services before the feature list details.

LIS is an effective pooling of resources and large-scale data, which facilitates the search for a resource sharing system is built on a DHT overlay. Planet Lab extensive simulation and experimental results and other data services, and a higher capacity than DSL displays. Looking for that perfect match Hilbert properties are similar to attribute the source of innovation to find properties with the same education, LIS and LIS LIS alpha characters (members and memory) offers. Our future work, we search function and their side effects, such as alpha, are like, alphanumeric transition LIS and LIS will study the effectiveness of Hilbert. In addition, we have real world applications in a cloud environment, and the development of efficient and robust communication service application flowers.

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