

Joint Task Migration and Power Management in Wireless Computing

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Abstract: An application is to secure the all files from different users. It is concerned with encrypting the information in most secure and robust manner. It also includes the algorithm that convert the given text data into different form. This project also includes the good key generation that secure the given file from malicious users. This project allows the users to encrypt there important files from various other users. It gives immense security from the harmful users. File Encryption includes Audio Encryption, Video Encryption, Image Encryption and Text File Encryption. Information Hiding of this project includes Watermarking And Steganography to hide the information in the image. Watermarking include key generation to secure the text from other users .Steganography includes the mechanism to convert the data into another based on some Algorithm.

Keywords: Network, Cloud, Security, Multi-tasking, Wireless computing

1. Introduction

It has been designed and developed to control the multitasking data in a virtual machine .In this project energy saving at the terminal. The wireless network has different managing processor and is use for fast execution versus lower energy consumption. It varies from different network to different frame works.

In an organization where there are sequences of tasks works on different jobs. Also the numbers of jobs are done concurrently. It is not so easy to handle the number of tasks. Every element of network that is applicable with different firm .In this project we can connect to number of PC's to another remotely with the one server .Our project comes to solution that is used for different power managing data

These application provides future required to manage the task.

To build a solution we have to perform the different wireless computing network. This project is having number of joint migrated data that are used for different job. The project tasks are handled by the server.

- At a time the task is assigned to number of machines that is pc's with one central machine.
- The project consists of different machines with different nodes.
- It has two modules project management and task migration that are mainly accessed by wireless communication.
- It is like a data-centre which have number of PC's with only one central machine.
- It has one network used for designing and connections.
- The node work as router as background

The Remote method invocation mainly used for registration of wireless network

Protective piece of the action are the great start for protecting the computer, but providing a mechanism when a gainful

offence hits is also equally significant. The major aim of this web application is to provide a solution from the attacks of other users to the files. It provides a security from various users to the computer. It protects your file from being harmed by the other people. Today Encryption techniques are used by various businessman and also the common computer users to hide the data from various evil users. However this technique could be burden to the user if he forgot his generated private key. The prime advantage of file encryption is that even if you are about to loose your computer or laptop, or get attacked by noxious malware or if your laptop is hacked, the content inside your laptop is still safe. Encryption of files help the one last saving grace, the data may be not be present in your computer but it will not allow the other one also to use it. Encryption gives an extra additional layer of security to make you feel secure even if your laptop is stolen. Information hiding is the mechanism for protecting the given content of data from modification .It reduces software development risk by depending on the key generation technique. File Encryption is the better easy and efficient style for accomplishing data security. To glance an encrypted file, you must approach the secret key to decrypt it. It is the process of hiding the text file details. The hiding of these details results in abstraction, it helps to lower the external complexity and make the function easy to use.

2. Review of Literature

This existing system is system that consists of different previous experiments that are combined to perform computation tasks. The existing system is presently very large scale and it is mainly used for industrialized region. The system consists of simple models that are converted in to compound tasks who execution involves multiple sequential stages. It performs in different section of project in the form of background process. It is already application based system that has a capacity to work different machines.

The main drawback of existing system is it is more time consuming.

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- It is difficult to maintain transceiver power consumption
- In the existing system it is not so appropriate to exchange the information with external data.
- It could not do well for local execution.
- It cannot be hold good in general that is in real world.

It is dependent on different scenarios of the different power overheads.

Presently some forms of offers only temporary protection to the files. These could be easily ruptured with correct and appropriate program e.g former ZIP extract file or word evidence file. Part of the encryption applications are very complicated for routine users and it may allow to terminate them clumsily. Previously the existence of encryption programs and encrypted files attracted SUSPICION to protect the file whereas the non-encrypted system did not attract that level of interest. The Existing System didnot provide key generation techniques for securing data.

Before developing any software it is significant to consider time constraint, budget and stamina of a company. These activities are analyzed in this stage. At start, we need to find out the defects of the current setup and analyze how well they are solved to meet the requirements of organizations. Once we get clear idea on the basic needs of resulting framework, it is necessary to evaluate the means that best suits it. Finally, the last step is to check whether the system is feasible w.r.t various perspectives.

The method [1], witness's huge notice and a wealth of assure in content-based image recovery as a rising technology. It also a horizontal way for a huge number of new techniques and systems, get various new citizens include. In this piece, we survey almost 300 new hypothetical and experimental charity in the existing decade related to image recovery and regular image clarification. We also discuss significant challenges involved in the difference of existing image recovery techniques to build systems that can be useful in the genuine world. In retrospect of what has been achieved so far, we also work out what the prospect may hold for image recovery study.

Predictable methods [2] of image revival require that metadata is connected with the image, usually known as keywords. Though some content based image retrieval systems utilize together semantic and prehistoric attributes to relation search principle, history has proven that it is tricky to remove linguistic in sequence from a 2D picture. In this observe, activity theory is used as a foundation to express how semantic in sequence can be retrieved from objects recognized in a picture. Via an picture segmentation method. By The Berkeley Digital Library Project, and merge it with, a high-level accepting of he picture can be established Content-Based Image Retrieval [3] has become one of the popular most research areas. Many diagram attribute representations contain been explored and many systems build. While, these research information found the foundation of satisfied based image recovery, the kindness of the future approaches is incomplete. Specially, these efforts have comparatively overlooked two different characteristics of systems the space

between towering level concepts and low level skin texture bias of human compassion of visual content. Which electively takes into account the above two uniqueness in CBIR. During the recovery process, the user's high level query and insight partisanship are captured by dynamically updated weights based on the user's advice. The provisional results over more than 70,000 images show that the future approach greatly reduces the user's effort of composing a doubt and capture the user's in sequence.

Application feedback [4] scheme based on support vector equipment have been generally used in content-based image retrieval. However, the arrangement of based application criticism is frequently abridged when the figure of labeled positive advice sample is little. This is mostly due to three reasons a classifier is disturbed on a little sized teaching locate, and over suitable happens since the number of characteristic dimensions is much senior than the size of the preparation set. In this document, we expand a device to overcome these troubles. To speak to the first two troubles, we propose an asymmetric container based. For the third problem, we combine the random subspace method and SVM for application feedback, which is named random subspace SVM (RS-SVM). Finally, by AB-SVM and RSSVM, an asymmetric bag and accidental subspace SVM (ABRS-SVM) is build to solve these three problems and further improve the application feedback performance. Some researchers used Image processing techniques for security[5][6] and for agriculture and horticulture produce[7][8].

3. Proposed System

The proposed system eliminates the drawbacks of existing system. In proposed system the tasks that are performed changed with time. It has no difficulty in saving the energy. It is a wireless terminal that has an ability to move from one place to another. It has the same assembly to connect through the terminals. It is a structure that is used to control and manage the network. It is easy to define the energy that is lost.

It is very advantageous strategy that is used for different local slots, which try to spent the energy that is surely used in wireless communication.

- The various controls are provided in the application to the machines.
- It is combined with different execution with different schemes.
- The overall power management is efficient and flexible that makes to work with system.
- It shows the different steps measures that are been used in different working of jobs.
- The development of project overcomes covered process.
- It shows different stand on network that are used in different individuals.

It involves different types of verification. It provides high-level of background data. The purpose of feasibility study is checks the usefulness of the project. The process is followed in making the general plan called Feasibility Study. Keeping in mind the analyst has develop the requirements. It is used to

examine the project is feasible. The system analyst contributes the organizational objectives, if the system is combined with other systems that are used. In this project all information are required .It can be the initial stage of the system. Even some hardware and software things are made to be developed. We can build the application with the number of requirements.

This is one of the sub part of feasibility. This can technically concern with different software that is applicable to the user requirements. It specifies whether the system has overcome to the particular problem that is placed to the user. It is mostly used to develop the changing requirements of that are implemented. It may include the following:

- It can be upgraded if developed.
- It is necessary to determine the hardware and software that exist in the system.
- Now a day the technology has becoming more easier.
- It mostly holds the different proposed data.

It allows the system to be technically feasible. This is used as application based technology. It can be used worldwide. It is designed technically in such a way that it provides efficiency, maintainability, and usability.

The economical feasibility is used to check the economic impact of the system It involves the cost and expenditures are justified. It is one of the types of study that checks amount is worth or not. Thus the system has developed within the budget and some time it is very difficult settle with out of funds.

Some of the key that are listed to overcome the problem are:

- Cost – Analysis
- Maintenance

The task migration and power management in wireless computing is application based service that has a possibility to act a source to migrated tasks. The upward server manages the hierarchy of the every power junction of wireless estimate. It allows depicting the current task of every process. It shows the memory of the every machine. Once the task is performed and energy is consumed. A technology may fully functional that is taken from the basic machine on what to communicate and may not be effective. These are highly valuable in services.

The Implementation is a stage where we need to work with software system. It is most critical stage. The work must be done effectively. If the design part is completed the user can take the next step that is implementation. What to do. To implement the application software the programmer must very keen about this part. The goal of coding phase is to translate the design part to the coding section.

The coding part affects both testing and maintenance. The testing must evolves the different tests and since maintenance cost is very high. The coding must be developed in such a way that it must be easy to read and understand.

4. Conclusion

This Joint Task Migration and Power Management Project has been completed. The goal of the project achieved and solved. The Project is developed at different levels. These involve the strict answer to the feasible solution to the system that is more efficient. It is found that the proposed system is constructed. It is used to demonstrate the approaches of various scenarios.

5. Future Enhancement

- The System can further done by adding more number of functionalities.
- With the help of this technology we can design the Hypervisor Data.

In this application we tried to meet the every possible objective, probably some of the things are missed in this phase and some have been not implemented completely. It can be developed and extended in future.

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