AWS WEBSITE HOSTING

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Abstract: Amazon Web Services offers cloud web hosting solutions that provide businesses, non-profits, and governmental organizations with low-cost ways to deliver their websites and web applications. Whether you're looking for a marketing, rich-media, or ecommerce website, AWS offers a wide-range of website hosting options, and it'll help you select the one that is right for you. It is the simplest form of virtual media. Because of AWS services we can handle all our works or complete our work without investing lot s of money. It is easy to access and user friendly option for business purpose. This system refers to focus on the featured facilities provided by the service provider and because of this we can host our website easily and we can manage all the works from any where just we need to logged in to the server and can get access of all the system. At this platform many huge companies will manages their works because of this features this platform is most valuable for those peoples who wat to build the huge company and industry the owner of the industry will get extra benefits from this i.e. they do not have to invest huge amount of money in their industry they want this services for a few months to complete their works that's why this system will helpful for them and they also get satisfaction from this, in hosting the website of the customer can be published with the help of AWS
And they also manage all the works of the web content easily from anywhere same they just need to logged in to the server and will get access to the system. This is the innovative and latest services that will help to many peoples who can not afford high end servers and data storages.

Keywords: Amazon Services Used for Website Hosting

I.   INTRODUCTION

Web hosting is a service that allows organizations and individuals to post a website or web page onto the Internet. A web host, or web hosting service provider, is a business that provides the technologies and services needed for the website or webpage to be viewed in the Internet. Websites are hosted, or stored, on special computers called servers. In Amazon Web Services the client can easily create their website and host it with the help of the services provided by the AWS. With the help of these the client can manage their website without having any problems like server errors, website deploying issues any many more things.

In this project we build a small demo E-Commerce website for hosting, in this website we are showing some Fashion clothes and footwear's all this looks vey nicely there are   available other brands of clothes and fashion accessories and with the ratings of the clothes as per their quality and material of the cloth, and there are some footwear also available of different brand with the ratings as per the quality of shoes material and brands.There are showing the latest products of the shopping website ,there s one form of our developers with there pictures and quotes. There is cart form available where you can see your selected products to buy and the prices of the products also shows there and the total products price also shows. At the bottom there is contact us info available to contact directly to the developers of the website.

II. LITERATURE REVIEW

Amazon Web Services is a collection of remote computing services that together make up a cloud computing platform, offered over internet by amazon. com. The most central and well-known of these services are Amazon EC2 and Amazon s3[1]. There are more services that amazon is offering that needs to be discussed when talking about Amazon web services. Below are the list of remote computing services offered by Amazon. Com

In 2006, Amazon Web Services (AWS) began offering IT infrastructure services to businesses in the form of web services—now commonly known as cloud computing[2]. One of the key benefits of cloud computing is the opportunity to replace up-front capital infrastructure expenses with low variable costs that scale with your business. With the cloud, businesses no longer need to plan for and procure servers and other IT infrastructure weeks or months in advance. Instead, they can instantly spin up hundreds or thousands of servers in minutes and deliver results faster.

Host Your Web Site On The Cloud is your step-by-step guide to this revolutionary approach to hosting and managing your web applications[3]. Cloud computing gives you the tools you need to prepare and cope with a traffic onslaught.

You'll have the confidence to withstand a traffic surge without melting your servers or sending you into bankruptcy. There are a number of ways to use the cloud to host existing applications, build creative new ones, and improve the cost-effectiveness and efficiency or organizations large and small. You'll learn how to: gain …http://docs.huihoo.com/

Welcome to Website Hosting and Migration with Amazon Web Services[4] and thank you for picking up this book. I'm excited to be your guide for this adventure in web hosting in AWS. The adoption rate of cloud services for startups and enterprises alike has been astounding. It reminds me of another time in my IT career when a major shift happened to move software architecture from desktop, stand-alone applications to web-based, interconnected applications. As with other disruptive movements in technology, cloud services offer a way for more control over resources used and much greater choices of self-service managed services. This shift means that it is possible for everyone to take control and deliver a highly available, scalable, cost-effective infrastructure to host their application or websites, which results in a better experience for end users. As I was thinking about the best format for delivering a book that offered an introduction to hosting in Amazon Web Services, the leading cloud services provider, I wanted to make sure that the book was both accessible and interesting for those who perhaps have never managed the hosting of their own website as well as valuable to those looking at Amazon Web Services as an option for migrating their existing website. The most effective way for me to deliver on both of these goals was to organize the book into "scenarios" that offer you the choice of working through from start to finish or using it as a "choose your own adventure" style book and focusing on the content that is most relevant to you. It should be noted that if you're new to AWS, starting with the first scenario and working through to the last will give you a progressive experience that offers the most exposure to services offered in AWS, and each scenario does build on knowledge gained in the previous scenario.

III. PROPOSED SYSTEM

The main purpose of this system is to aware the peoples about this service provided by Amazon and to describe the main content of the circular system of AWS because of this they can manages their times, works and other security problems.

- We provides the best services to the clients.

- Less amount of money required to get a service.

- Easy to access from anywhere for that the user just logged in to the site.

- Pay-as-your-need

- Always up

- No maintenance cost.

- Easily upgraded.

- Provides the best security.

- Customers who do not want to manage infrastructure.

- Websites that have serverless backends.

- Websites that require sustained high CPU utilization.
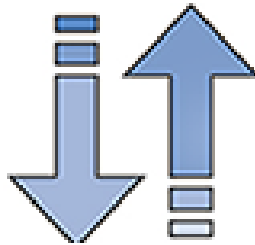
IV. USES

Broad platform support

With AWS, you can use whatever CMS you like, including WordPress, Drupal, Joomla, and more. AWS also supports and provides SDKs for popular platforms like Java, Ruby, PHP, Node.js, and .Net.
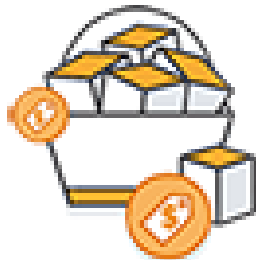

Datacenters worldwide

Your customers can be anywhere in the world. With AWS you can have a datacenter or CDN hosting your website in any geography you choose with just a few mouse clicks.

Scalable from day one

Website traffic can fluctuate a lot. From quiet times in the middle of the night, to campaign driven, social media sharing traffic spikes, AWS infrastructure that can grow and shrink to meet your needs.

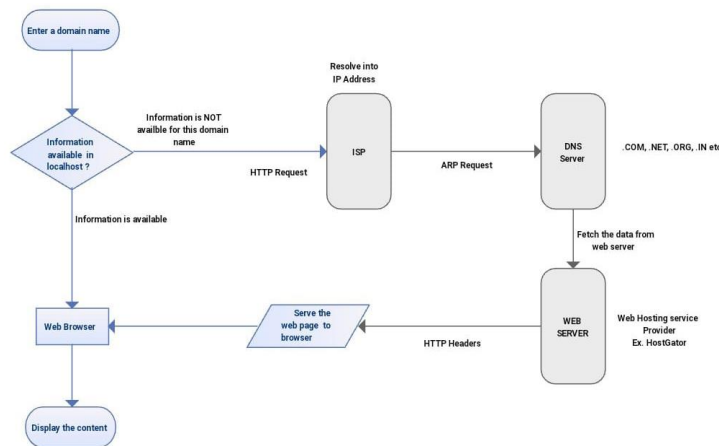

Flexible pricing models

AWS only charges you for the resources you use, with no up-front costs or long-term contracts. AWS has web hosting options that offer pay-as-you-go pricing or fixed monthly pricing.

The system after careful analysis has been identified to present itself with the following modules:
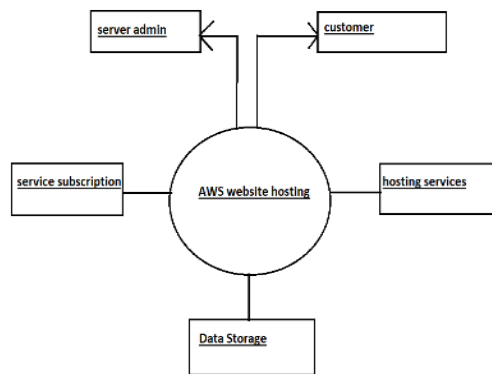
V. SYSTEM MODEL

V.I. FLOW CHART
This is the flowchart for web hosting system this is refer as a working of hosting.

V.II. CONTEXT DIAGRAM

Context diagram refer as a skeleton of the hosting system

VI.FUTURE ENHANCEMENT

The Website would be updated in near future to overcome all the limitations. In the future there will be more requirements by the user hence to meet the user requirements the Website will the updated. Also after adding a new feature to the new website a newer version of the website will be developed hence also the Website will be enhanced.

VII. SUMMARY AND CONCLUSION

The project titled as "**AWS website hosting**" is a technique to handle all the website work easily. The **AWS web hosting** is a service which is provided by the Amazon will help to manage all the work related to the website.

Choosing a web host requires that you take an appraisal of your website, the technology used to create it, your web page elements and your future growth. You will also have to make room for emerging technologies and web trends. All of these scenarios require that you choose a web hosting provider with utmost care.

You will have to first compile a list of all hosts that meet your need and then shift them down to the one that best meets your need at the least price. In determining your ultimate choice, you are considering several factors, such as customer response time, reputation, server uptime guarantee, security and reliability. You are going to choose a host that will give you value for money and at the same time make you retain your hard work customers.

You are going to look beyond the rhetoric of the web hosts. You are looking beyond their marketing gimmicks and rather applying all circumspection to make a wise choice. As part of your due process, you will want to visit forums which review web hosts and read about comments or complaints previous customer have about your prospective host.

You do not expect your website to run into trouble, but from time to time you may need the support of your host. Are they readily available? Does it take weeks to receive feedback from them? Which host will immediately resolve your issues? What tools do they have to address your complaints? Does the service provider offer its clients a web based chat

where clients can quickly access technical support? Are they reachable by phone? You will have to consider all these features in your selection of a web host.

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