

An Overview of Cloud Accounting in Contemporary Business Context

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ABSTRACT: *Accounting, can be called as language of business, has been serving every trade ever since its beginning. The practice of accounting in real life has improved significantly by the integration of accounting software and the cloud technology, which is one of the finest IT innovations over the last decade. Today the dynamic business world is becoming more and more competitive and complicated with the advancement of cloud technology. Like other sectors in business, accounting has also warm welcomed cloud computing solutions in order to provide relevant and real time information as well as review of business for all interested parties. Although cloud accounting is becoming more and more plebian day-by-day, many business owners and professionals are not quite aware of what actually it is, what its benefits are or how it will contrive the future accounting. This paper has been framed so as to provide a theoretical overview of cloud accounting covering its notion, boon, frailty, and to understand the impact of Cloud accounting in the present scenario with insights from accounting professionals. In this paper the information has been collected and presented based on recent studies and research conducted by accounting professionals and experts.*

KEYWORDS: *Cloud Accounting, Cloud software*

Date of Submission: 29-03-2019

Date of acceptance: 09-04-2019

I. INTRODUCTION

Accounting has evolved systematically over the past decades, with every new addition and contraction making it even higher and onerous whereas providing satisfaction and convenience to the users. Modern accounting has reached this stage when undergoing gradual changes over the years; by keeping pace with the fast evolving technological advancements. There has been consistent modification and development from manual ways to technological surrogates that has created accounting easier and convenient for users. The recent shift in accounting towards quicker technologies has vastly augmented its capability to serve users. The recent trend in accounting; Cloud Accounting is anticipated to create accounting simply affable, less expensive and time saving. Cloud Accounting involves use of cloud-based code through any device having internet connection.

Objectives Of The Study

- To have an overview of Cloud Accounting
- To make a comparative study of 5 global cloud accounting companies
- To apprehend the perceptions of accounting professionals about Cloud accounting

Need For Study

The egress trends in accounting not only help in increasing the efficacy of the firms but also provide added cost benefit. In such a case, there is a need to study whether the beheld benefits are actually relished by the firms which are assimilating these trends into business, and also how this can possibly transmute the future of the burgeoning start-ups.

II. METHODOLOGY

Primary knowledge has been collected from accounting professionals of assorted organisations. Secondary knowledge has been collected from sources like accounting professionals, books, articles, websites, etc. The data collected has been helpful in grasping of concepts and the impact.

III. REVIEW OF LITERATURE

1. **ñaki Bidosola , Rosa Río-Belver, Ernesto Cilleruelo, Gaizka Garechana (2015) in their study “Design and Implementation of a Cloud Computing Adoption call Tool: Generating a Cloud Road”** have concluded that, Cloud accounting is currently a reality, but it is also a fact that a large number of companies, especially SMEs, are not yet apprised of either the existence of cloud technology or its benefits for the business sector. They more terminated spoken language that cloud computing is very helpful for startup companies, SMEs, entrepreneurs and firms that require to create new investments or don't have a stable infrastructure.

2. **Serkan özdemir, Cemal elitaş (2015) in their article “The Risks of Cloud Computing in Accounting Field and the resolution Offers: The Case of Turkey”** have pointed that the institutions that provide accounting systems services resort the cloud computing pliancy in accounting sector should build the imperative infrastructure and mold by envisaging the final risks of cloud computing technology and therefore the edifice within the country so as to run the system without fiasco and to store the digital money knowledge of the institutions in a very secure environment

3. **Elzbieta Wyslocka, Dorota Jelonek (2015) in their article “Accounting in the Cloud Computing”** have accentuated that Small business does not need exorbitant software to lead the general ledger and discharge basic accounting tasks. Simple accounting applications in the cloud are fabricated to help small business to marshal and manage their IT operations. Since cloud accounting is an online accounting liturgy, one can ingress business data anywhere on a mobile phone or a PC and his data is protected because there are backups. Cloud Computing in accounting for small and medium-sized establishments are egressing recently "in the clouds" accounting offices, which are novel accounting solutions available everywhere.

4. **Katherine Kinkela (2010) in her article “Practical and ethical considerations on the use of cloud computing in accounting”** has accentuated that Cloud computing is presently associate in nursing a part of the array of technology available to accountants. Cloud computing can give potency and price cutting advantages. Before using cloud technology,even so companies should discern the risks and security issues congenital in this new technology. By taking a methodical approach to risk assessment, including creating cogent policies for cloud usage and a risk response plan, companies can take edge of this new technology to increase functional efficacy.

5. **Otilia Dimitriu, Marian Matei (2014) in their article “A New Paradigm for Accounting through Cloud Computing”** have pointed that nonetheless, the foremost distinguished thought that has reshaped the ancestral approach of providing accounting tools, is cloud computing. The world of Accounting is switching towards online products. The umpteen benefits of the cloud services have showed that a technological revulsion is undoubtedly compulsory for companies” accounting department. The new mode of crafting, managing and supplying financial packages present accounting in the “cloud computing era”. The advantage of using a cloud accounting solution are ample and establishments should do their level best to reconnoitre all opportunities and learn from the dynamic market. Switching to the Cloud is inexorable for most businesses – in most cases the one and only question that arises is , When it will happen ?

Cloud Accounting- An Overview

Accounting has matured systematically over the past decades, with each new addition and contraption making it even superior and arduous while providing atonement and utility to the users. Modern accounting has arrived at the present stage after enduring progressive revolution over the years; by keeping stride with dynamic technological advancements. There has been coherent revision and development from manual form to technological preferences which has made accounting simpler and expedient for users. The recent displace in accounting towards dissipated technologies has enormously increased its magnitude to serve users. Cloud accounting is the latest accounting drift which has surfaced into the establishments in the recent times. It is qualified to the self-install accounting software, but in cloud accounting it is arrayed on remote servers. In cloud accounting the data is transmitted to a cloud, and it will be farther processed and is returned to the user. Cloud accounting gives the user real-time reporting throughout the establishment. Small and Medium enterprises have obtained maximum boon from cloud services mainly with their financial and accounting services. Using cloud accounting can be accomplished off-site and not necessarily on the user's own computer. Even the different division of the same establishments can access the same version of the software at a time.

Utilizing cloud accounting programming:

Cloud Accounting programming bundle was primarily created to disentangle the matter of versatility of data. Prior, a document should have been gotten to later was hang on debilitating drives or USB streak drives.

Gadgets like debilitating drives, USB streak drives relate degreed distinctive movable capacity gadgets made transporting information between numerous machines an simple technique. Be that as it may, these antiquated techniques of capacity had vital downsides. for example, information hang on depleting drives are inclined to loss of data through very surprising things like chimney mishaps, non-working of any of the little mechanical components of the drive, and so forth just in the event that a critical record is hang on a USB streak drive there's eternity a chance of losing the data all through movement or as a result of damage jumping out at the drive. The working of Cloud based mostly Accounting programming bundle is closely resembling the contrary cloud based programming bundle. Documents which are more often than not hang on an extreme drive are hang on-line. This guarantees the learning is unquestionably available. With the occasion of cell phones, especially the great telephones, cloud based for the most part Accounting empowers the clients to deal with their funds from where they're.

Favorable circumstances of cloud Accounting:

1. Openness:

By the utilization of cloud Accounting programming, clients can get to information from wherever and through any gadget having web association. This gives high measure of adaptability to the little and substantial endeavors. Work gatherings and groups far and wide can get to information and data and cooperate with no obstacle of place. Data sharing turns out to be simple with the assistance of cloud Accounting. Clients are required to approach rights to the same framework with their exceptional passwords

2. Security:

Security of information remains a noteworthy worry for any individual or venture. Cloud Accounting has a comparative instrument of putting away information as the conventional programming. Remote servers contain viable security conventions. In instance of loss of the gadget, for example, a workstation, information put away on remote stockpiling is probably going to keep the data much more secure than capacity on gadget. The risk of information burglary is disposed of in Cloud Accounting as the client must sign into the cloud record to get to the product.

3. Cost:

Capital speculation is low as there are no servers at the client's area. Ventures for the most part spend immense sums on foundation required to store and oversee information. Additionally, this implies there is lesser necessity of IT staff, so less work costs and huge investment funds

4. Simple to Use:

The product is extremely easy to utilize and contains the fundamental capacities. For instance, with live feeds, the client needs to do web based saving money and promptly the managing an account exchanges are transferred.

5. Transmission capacity

Transmission capacity alludes to the measure of information that can be transported starting with one point then onto the next inside a given time that is all. Distributed storage does not require appending of vast documents to email. A connection can be sent to allude to their associate to the cloud.

6. Accessibility of fundamental data:

With Cloud Accounting, data is accessible to the client when the exchanges are entered on the frameworks. This guarantees opportune administration of accounts, better and speedier choices.

Disadvantages Of Cloud Accounting

1. Need of an Internet Connection:

A huge detriment of Cloud based Accounting is that it tends to be gotten to just with the nearness of an web association.

2. Loss of Control:

The information of an association is put away on a server obscure to them. This implies the power over the information isn't totally in their grasp, which could involve worry to the association.

3. Absence of coordination:

The standard Accounting bundle given by the supplier doesn't suit every one of the necessities of customers.

Some of the time an association may have needs which are not coordinating the standard Accounting bundle administrations.

Near Study Of The Services Provided By 5 Cloud Accounting Companies Across The World

Cloud Accounting is given by numerous organizations over the world. These are Top 5 organizations giving cloud Accounting administrations on the worldwide stage are:

I. FRESH BOOKS:

Crisp Books is a cloud-based Accounting programming administration intended for little ventures. It essentially sends solicitations and gets installment for their administrations. It was established by Mike McDermentand Joe Sawadain 2003

II. XERO:

Xero is a product organization that creates cloud based Accounting programming for little and medium endeavors. It was established by Rod Drury and his own bookkeeper when they felt that customary work area Accounting programming had turned out to be obsolete and chosen to make an advanced cloud-based item.

III. ZOHO:

Zoho is a cloud programming and framework designer for business management. The organization was established in 1996 by Sridhar Vembu and Tony Thomas in Pleasanton, California and has advancement workplaces in India.

IV. QUICK BOOKS:

Fast books are Accounting programming which is advertised and created by Intuit. It is essentially utilized by little what's more, medium undertakings for Accounting capacities and cloud based administrations, which manages installments, payrolls etc. Intuit was established in 1983 by Scott Cook and Tom Proulx in Mountain View, California, USA.

V. GO DADDY:

Go Daddy accounting encourages apparatuses for following salary and costs. Their administrations are straightforwardly teamed up with Amazon, eBay and so forth. GoDaddy was established in 1997 by Baltimore, Maryland, business person Bob Parsons

Table showing the various services provided by the top 5 Cloud accounting companies

Company name/parameters	FRESHBOOKS	XERO	ZOHO	QUICKBOOKS	GO DADDY
Double entry		yes	yes	yes	
Mobile access	yes	yes	yes	yes	yes
All major A/R and A/P transaction forms		yes	yes	yes	
Payroll		yes		yes	
Inventory tracking		yes	yes	yes	
Live Support	yes		yes	yes	yes
Document management		yes		yes	
Multi-currency support	yes	yes	yes	yes	
Customer/Vendor Portals	yes		yes		
Training Availability		yes		yes	
Estimates Quarterly taxes					yes
	4	8	7	9	3

Source: KATHY YAKAL/ PCMAG.COM

IV. FINDINGS

It is found that quickbooks provide maximum number of services (9/11) whereas go daddy provides least number of services.all five companies provide mobile access without fail. It is also found that only one company that is godaddy provides estimation of quaterly taxes.

A Practical Survey on Impact Of Cloud Accounting-

An overview directed among 50 accounting experts to know the effect of Cloud accounting in the present business situation has uncovered the accompanying outcomes:

1. Is it true that you are mindful of the ongoing patterns in Accounting?

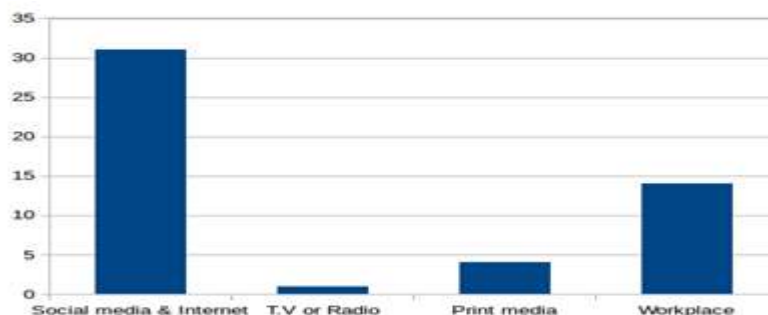
Response	No of people
Yes	42
No	08
Total	50

2. Are you aware of cloud accounting ?

Response	No of people
Yes	50
No	0
Total	50

3. How could you come to know about it?

Response	No of people
Social media & Internet	31
T.V or Radio	1
Print media	4
Workplace	14
Total	50



4. Do you use cloud accounting softwares ?

Response	No of people
Yes	39
No	11
Total	50

5. Do you think Cloud Accounting prompts decrease in human asset utilized in an organization ?

Response	No of people
Yes i agree	11
I partially agree	32
I dont agree	7
Total	50

6. Do you think Cloud Accounting prompts minimization of manipulation in Accounting?

Response	No of people
I agree	37
I dont agree	13
Total	50

7. How well is the finance related information secured by utilization of cloud accounting?

Response	No of people
Very good	14
Average	29
Not good	7
Total	50

8. Is the monetary information examination of Cloud accounting superior to the pervasive options?

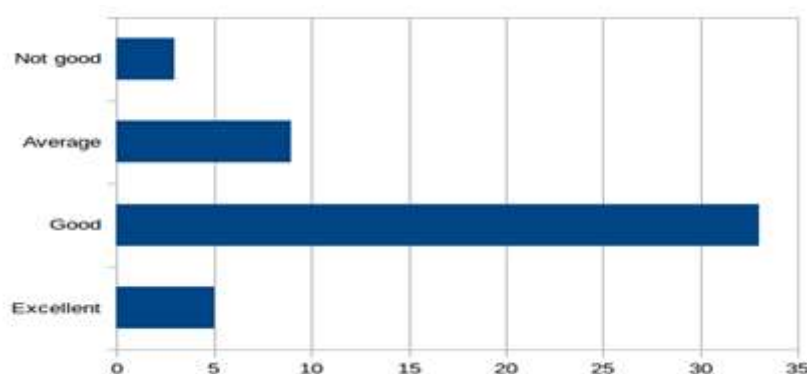
Response	No of people
Agree	34
Disagree	16
Total	50

9. Do you think Cloud Billing is more proficient than the common options?

Response	No of people
Agree	38
Disagree	12
Total	50

10. What do you feel about the effectiveness of Cloud Accounting in misrepresentation identification?

Response	No of people
Excellent	5
Good	33
Average	9
Not good	3
Total	50

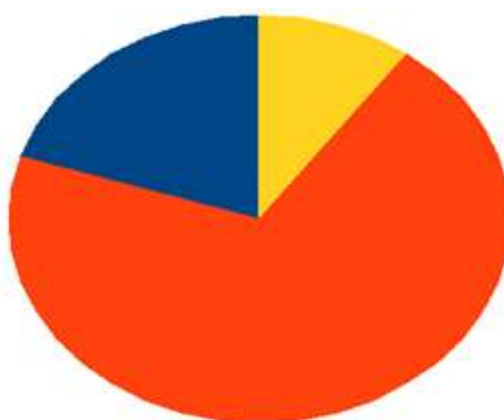


11. Has Cloud Accounting acquired any progressions the auditing procedure?

Response	No of people
Yes	41
No	9
Total	50

12. Is Cloud accounting helpful to decide the genuine budgetary position of a firm?

Response	No of people
Yes i agree	10
I partially agree	35
I dont agree	5
Total	50



Data Interpretation

The survey reveals that 84% of the total respondents are aware of ongoing trends in accounting and 16% are not aware of the same. 100% of the total respondents are aware of cloud accounting. 62% of the total respondents came to know about cloud accounting through social media and internet, 14% from workplace, 8% from print media and least 2% from television ads. 78% of the total respondents use cloud accounting and 22 % does not use the same. 64% of the total respondents partially agreed with the fact that cloud accounting decreases human efforts in the organization, whereas 22% fully agree and 14 % don't agree at all. 74% of the total respondents agree that Cloud Accounting prompts minimization of manipulation in Accounting and 26% disagree to it. 58% of the total respondents feel that finance related information is moderately secured by utilization of cloud accounting, 28% feel that it is very well secured and 14% feel that it is not at all secured. 68% of the respondents were of the opinion that Cloud accounting is superior to the pervasive options and the rest 32% think that it is not superior. 76% of the respondents think that Cloud Billing is more proficient than the common options and 24 % thinks the opposite. 66% of the respondents were of the opinion that effectiveness of Cloud Accounting in misrepresentation identification is good, 18% of them opined it as average, 10% opined it as excellent, and 6% opined it as not good. 82% of the respondents were of the opinion that Cloud Accounting has acquired progressions in the auditing procedure and 18% of them disagree to it. 70% of the total respondents partially agree with the fact that Cloud accounting is helpful to decide the genuine budgetary position of a firm, whereas 20% fully agree, and 10 % don't agree with it.

Cloud Accounting-The Way Forward

Cloud accounting may prompt a noteworthy move towards the idea of Triple section Accounting a framework in which all Accounting sections which host the contribution of outside gatherings are cryptographically anchored by a third section. It is finished with the assistance of Block chain innovation which enables all sections to be available in an open record, advancing trust and transparency. Cloud Accounting may expand the significance Key measurements in business. Book-keepers will have to discover a path and stay aware of the changing business needs and should imaginatively execute methods and must realize how to use the measurements influencing their business. This is seen as a need for future firms so as to convey genuine

esteem and remain competitive. With the ascent of Cloud accounting innovation, an ever increasing number of ventures are receiving the Virtual Workforce model into their business. Cloud encourages workers to impart adequately and remain associated and the entrepreneurs procure benefits as progressively beneficial representatives. Subsequently, firms that grasp the change will flourish and those who don't; will confront difficulties in procuring and holding the best ability.

V. CONCLUSION

The ceaseless changes happening in Cloud Accounting are relied upon to influence a wide scope of ventures and undertakings, and each entrepreneur should at some point or another face the effect of this shift. Cloud Accounting is certain to have extraordinary effect on the development of SMEs. With a variety of advantages, for example, cost effectiveness, high security, convenience, and so on to offer, cloud Accounting is the correct decision for any business wishing to keep pace with its rivals. Cloud Accounting can be exceedingly gainful for SMEs as it offers productive innovation and Accounting administration at a lesser expense. The customization offered by cloud Accounting is an incredible advantage to any business receiving it, which empowers each business whether little, medium or substantial to alter cloud programming as indicated by their requirements. In the not so distant future, access to on-request, noteworthy business information will be a day by day need for a venture. Business visionaries will never again utilize the conventional Accounting framework since through the utilization of Cloud Accounting indispensable information is made promptly accessible. In this way, business visionaries can make more intelligent and quicker choices with certainty.

BIBLIOGRAPHY:

- [1]. <https://www.incloudaccounting.co.uk/accounting-process/>
- [2]. <http://in.pcmag.com/software/39437/guide/the-best-small-business-accounting-software-of-2017/>
- [3]. <https://acuity.co/future-of-cloud-accounting/>
- [4]. <http://www.freshbusinessthinking.com/what-are-the-advantages-and-disadvantages-of-using-cloud-accounting-in-your-business/>
- [5]. <https://www.financialforce.com/resources/what-is-cloud-accounting/>
- [6]. <https://blog.reckon.com/advantages-disadvantages-cloud-accounting-storage/>
- [7]. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4521817/>
- [8]. <https://www.google.co.in/urlsa=t&source=web&rct=j&url=https://www.tojsat.net/journals/tojsat/articles/v05i04/v05i0401.pdf&ved=0ahUKEwiUwdXsperXAhVJuY8KHRmSBX0QFghSMA&usq=AOvVaw2-GPJrVXATKMzVqUcPHuL->
- [9]. https://www.researchgate.net/publication/275541246_A_New_Paradigm_for_Accounting_through_Cloud_Computing
- [10]. <http://www.aabri.com/manuscripts/131534.pdf>
- [11]. http://isarder.org/isardercom/2015vol7issue1/vol.7_issue.1_article03_full_text.pdf

Mr. Aswin Prakash P" An Overview of Cloud Accounting in Contemporary Business Context" International Journal of Business and Management Invention (IJBMI), vol. 08, no. 04, 2019, pp 23-30