Article Review

What CIOs Need to Know and Do to Exploit Cloud Computing?

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Agenda

01 Structure

02 Arguments

03 Nature of the article

04 Evidence

05 Persuasive points

06 Relevance

07 Questions

08 References

Article Source

APA format:

Scott, D. (2017). What CIOs Need to Know and Do to Exploit Cloud Computing. Retrieved from Gartner: https://www.gartner.com/doc/3369117/cios-need-know-exploit-cloud

Structure

IT Service Management and IT Governance

The structure of the article

In this article, the author has critically analyzed the challenges and provide comprehensive recommendations regarding cloud computing, help the audience (CIOs) to understand the importance of exploiting cloud services and guide them through the necessary steps of developing a cloud strategy.

How does the author develop her/his argument

The author uses external sources to help explain and demonstrate her argument, Key benefits are listed to make her argument more persuasive.

Relevant recommendations are given regarding each arguments, provide comprehensive guidance on establishing a cloud strategy

Structure - how the conclusion is consistent with the introduction and body of the article.

Introduction

Brief summary of challenges and recommendations regarding cloud computing services, to convince the audience (CIOs) to understand the importance of exploiting cloud services and developing a cloud strategy.

Body

Critical analysis, demonstrate and comprehensively explains the author's arguments, provide detailed guidance through recommendations.

conclusion

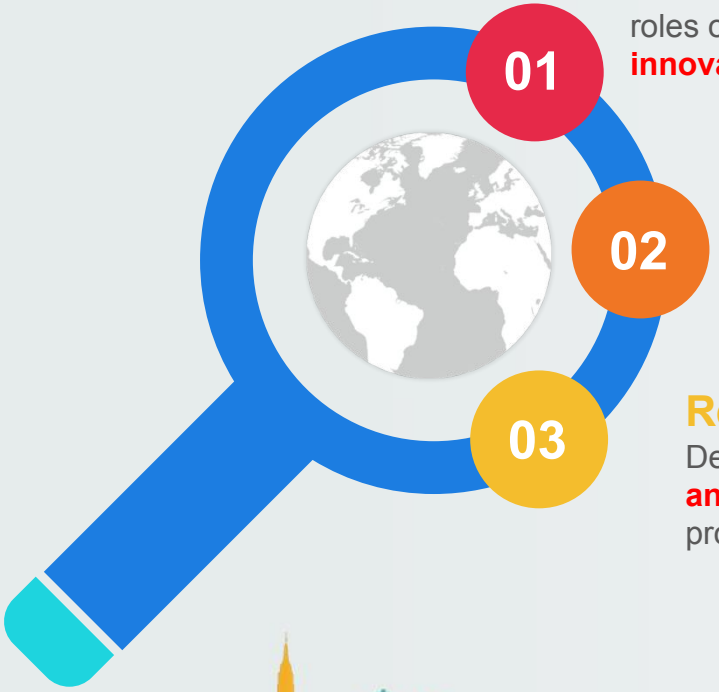
Cloud as an optimized style of computing is strategic to IT and is the underpinning of delivering on new digital business innovations for enterprises, having a cloud strategy will speed the arrival of enterprises' ultimate business outcomes.

Arguments

THE FIRST ARGUMENT

The bright future of cloud computing in IT domain.

Why it is important?



Goals

Invest in architecture/standards and cloud infrastructure or platform product management roles or skills to succeed with cloud computing and achieve your **agility, speed, innovation and cost** goals.

Risk reduction

Productize application and infrastructure functionality to enable internal consumers of cloud services to help themselves to IT (through self-service), while **reducing associated risks** through application of **standards, policies and embedded management or security**.

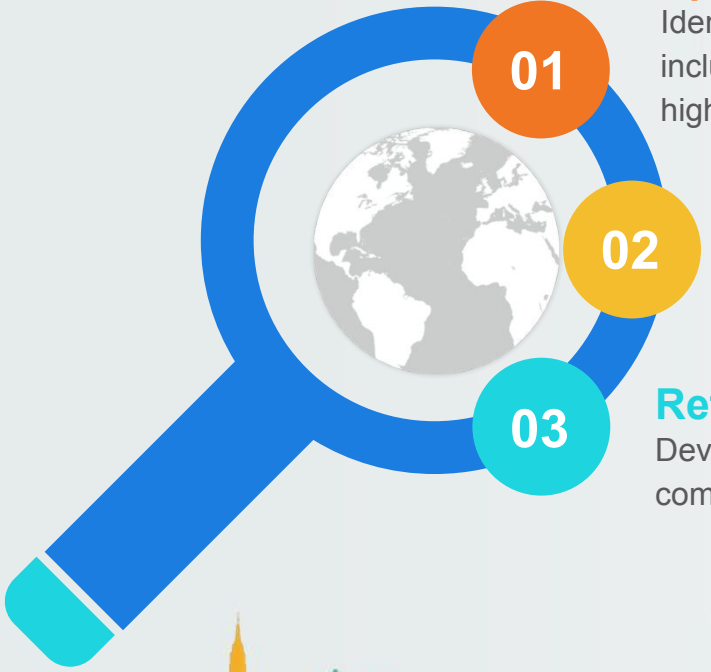
Reusability

Develop a cloud strategy so that decisions **do not have to be re-evaluated and analyzed with every new project or product**, thus increasing enterprise agility and productivity.

THE SECOND ARGUMENT

Develop a proper strategy for different enterprises.

Why it is important?



Specified Strategy

Identify the key benefits you seek in using cloud computing which should include proximity to customers and enabling employees to focus on a higher level of value.

Experiments

As input to your cloud strategy, make sure you experiment thoroughly with public, private and hybrid cloud computing to understand where you can achieve value for different types of workloads.

Refactoring

Develop a cloud strategy that identifies where and how you will exploit cloud computing for new applications and for existing legacy applications.

Nature of the article

Nature of The Article

Relevance

Very good. The paper gives guidance on how to leverage the power of cloud computing to optimize business.

Expertise

Excellent. Donna Scott is one of professional experts of the of the Gartner's office.

Viewpoint

Very good. The argument seems objective and critical.

Intended audience

CIOs and other company leaders.

Evidence

Good. The author used a number of scholarly sources support his arguments.

When published

Good. This article was published in 2016, and refreshed in 2017.

Group decision: it is a scholarly source.

Evidence

Statistical & Theoretical

Page No.1-2

Two references were regarding the growth of public cloud spending will be rapidly higher with at an average compound annual growth rate (CAGR) of 15.8% through 2020

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Page No.3

Statistical data are highlighted on a pie chart, showing the results that 58% of the responses indicates their enterprises are using or planned to use Cloud Services by Year-End 2015

Page No.4

To get the agility promised by cloud services requires a focus on enterprise architecture and standards

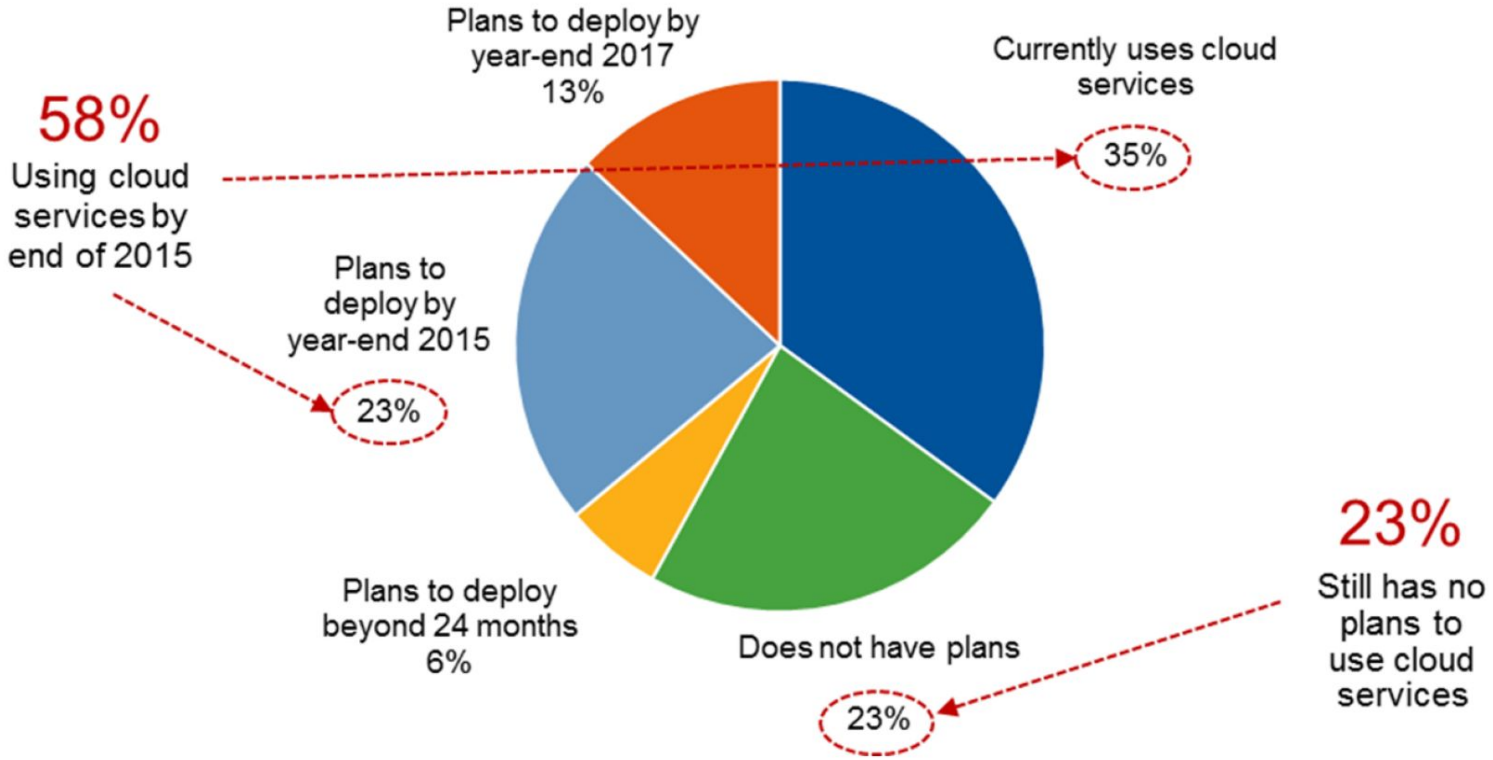
Page No.6

Scholarly sources are cited as evidence to help explain and demonstrate the author's viewpoints in regard to when refactoring applications to SaaS

Cloud Survey Results:

Has your organization deployed or does it have plans to deploy any cloud service?

n = 6,723



Interests Represent

HP Trusted System Laboratory.

Other IT organizations

Persuasive points

PERSUASIVE POINTS

- Cloud will be dominate design

  The spending will grow at an average compound annual growth rate (CAGR) of 15.8% through 2020

- Lower the expenditure and risks

- Provide critical think on how to use cloud service

Relevance

Relevance to Us

Expensive to Run the Application

- Benefits of cloud service: lower cost; Charge as usage
- Lower in initial investment on application development, directly use cloud service

Hard to change

- Cloud service enable more agile business models, for improving application's flexibility

Questions

Our Questions

What kind of services can use public cloud, and what kind of services should use private cloud?

The cloud computing services is the future, what risks should we consider in leveraging this technology?

What business outcomes can cloud computing strategy provide?

Summary

Summary

Introduction of the evolution of IT organization and importance of adoption of ITSM and IT governance.

Detailed concepts and explanations of several frameworks of ITSM and IT governance, their relationships and differences, etc.

Enlightenment on possible solutions to Newtown Bank's problem.

References

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Thank you

Any Question?