

PERSONAL PROFILE

Personal details:

Name: Mac Flourish-Usikpo

Gender: Male

Nationality: Irish

Place of Birth: Nigeria

Marital Status: Married

Religion: Christianity

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Educational Background:

MEng Sc. IT in AEC (2015/2016) University College Cork, Ireland

BSc Honours Valuation Surveying, Property Economics (2010–2014) Dublin Institute of Technology, Ireland

Higher Diploma Town and Regional Planning (1997–1999) Federal Polytechnic Ilaro, Nigeria

Diploma Architecture Design (1993–1995) Federal Polytechnic Ilaro, Nigeria

Work Experience:

Sanctuary of Salvation Ministries (2009– To date) General Overseer

MurphyMulhall Property Consultants (2014–2015) Training Valuer

Federal Security Management (2001–2010) Security Personnel

Writing (Author: i. Keep the Faith and Walk the Line ii. Voice of Triumph)

Sports (Football, Athletics and Tennis)

CREATING SECURE COMPUTING ENVIRONMENT

Cloud Computing Technology: New strategies for efficient and cost effective in construction related projects

CE 6014 – Computer Mediated Communication – Project Proposal

Mac Flourish–Usikpo

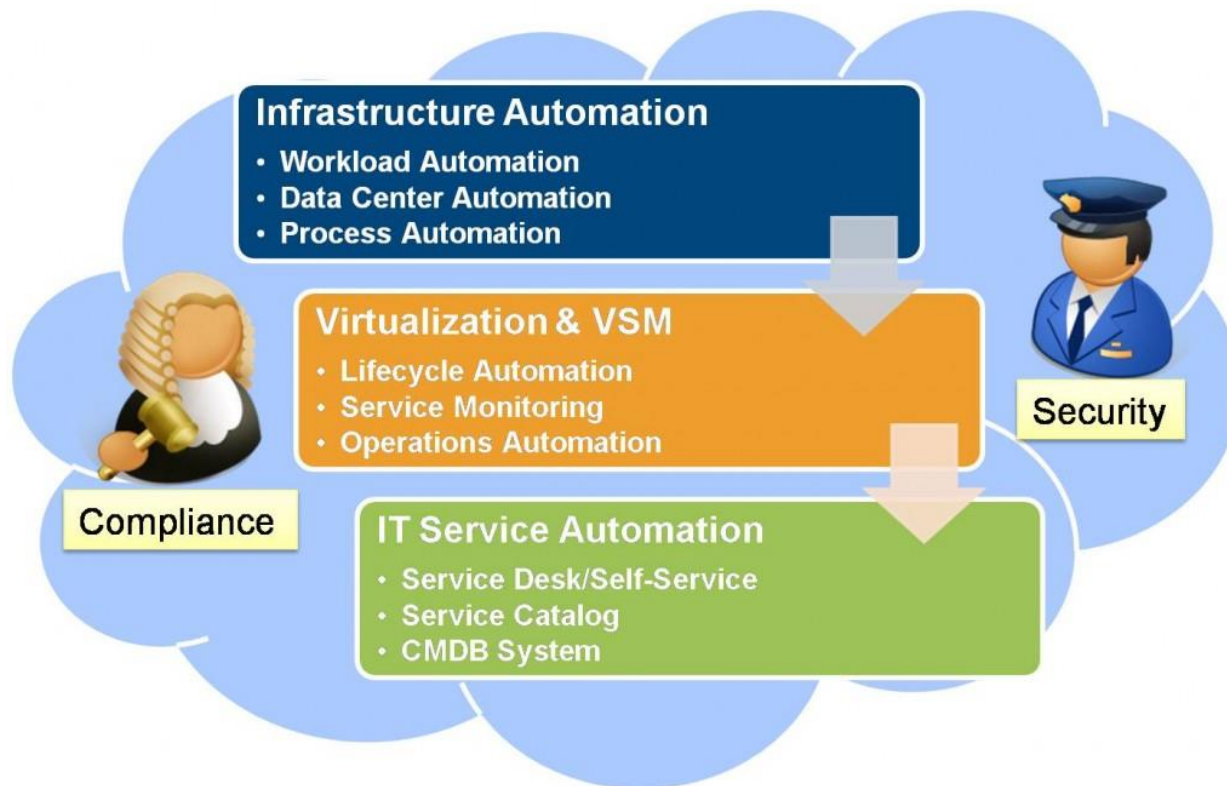
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IT in AEC 2015/2016

16/09/2015

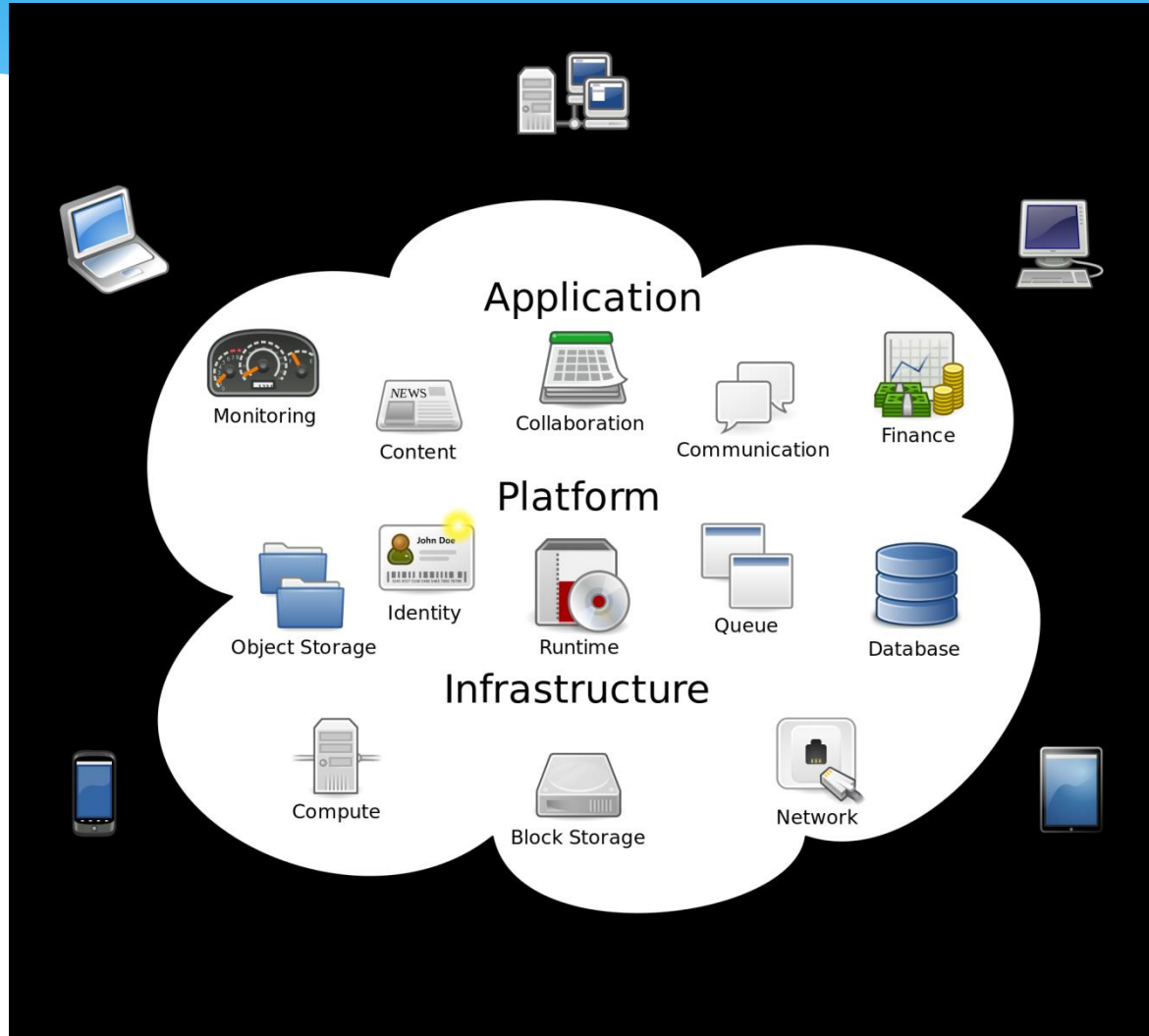
DEFINITION

“Cloud computing is a model for enabling ubiquitous, convenient, on-demand network access to a shared pool of configurable computing resources (e.g., networks, servers, storages, applications and services) that can be rapidly provisioned and released with minimal management effort or service provider interaction” (Mell & Grance, 2011, p.2)



PROBLEM DESCRIPTION

- * Monitoring
- * Collaboration
- * Queue
- * Object storage
- * Data base
- * Cost
- * Computer
- * Content volume
- * Identity
- * Network
- * Management





➤ Effective delivery of computing resources in a cloud environment creates:

- ✓ Simplicity in document sharing and communication
- ✓ Elasticity, availability on demand and convenience of distributing information
- ✓ Time efficiency in maintaining and processing data
- ✓ Achieving economies of scale of data storage services
- ✓ Enhance data protection

PROPOSED SOLUTION

Information • Applications • Infrastructure



Choice | Confidence | Consistency



PROPOSED SOLUTION

➤ Cloud Infrastructure

- Virtualisation
- Security standards and guidelines
- Security risks
- Collaboration

REFERENCE

- * Mell, P and Grance T (2011). National Institute of Standards and Technology (NIST). A definition of cloud computing
- * SANS (2012), Cloud Security Fundamentals, Security 524, Volume 2, Cloud Security. The SANS Institute
- * SANS (2012), An Introduction to Securing a Cloud Environment, Volume 3, Cloud Security. The SANS Institute

QUESTION

