

# THE 7<sup>TH</sup> NATIONAL GEOSPATIAL INFORMATION SYMPOSIUM (7<sup>th</sup> NGIS) 2016

## DISCOVERING CHALLENGES and DEMANDS TOWARDS AN EFFICIENT MyGDI THROUGH ICT : A CLOUD SERVICES PERSPECTIVE

*HAJI MOHD PUAD BIN ZAINAL ABIDIN*  
*Setiausaha Bahagian*  
*Bahagian Pengurusan Maklumat*  
*Kementerian Pendidikan Tinggi*

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# Introduction

This paper is aimed to provide a brief information on MyGDI Cloud Computing services being implemented currently by The Malaysian Centre for Geospatial Data Infrastructure (MaCGDI).

# MyGDI in the Nutshell

- As a national initiative in provisioning of an infrastructure for coordination, collaboration and sharing of geospatial information within the country.
- A holistic approach of implementation with respect to standard, policy, guidelines, geospatial data/information, ICT services, promotion, awareness and acculturation.

# “The Public Sector ICT Infrastructure Overview”

## Objectives :

To increase public sector productivity, add value to services and improve efficiencies through a whole-of-government approach on ICT infrastructure

## Areas of Concern :

Public Sector ICT infrastructures are currently not fully optimised due to redundancies and inefficiencies resulting from disparate ICT Infrastructure.

## Strategy



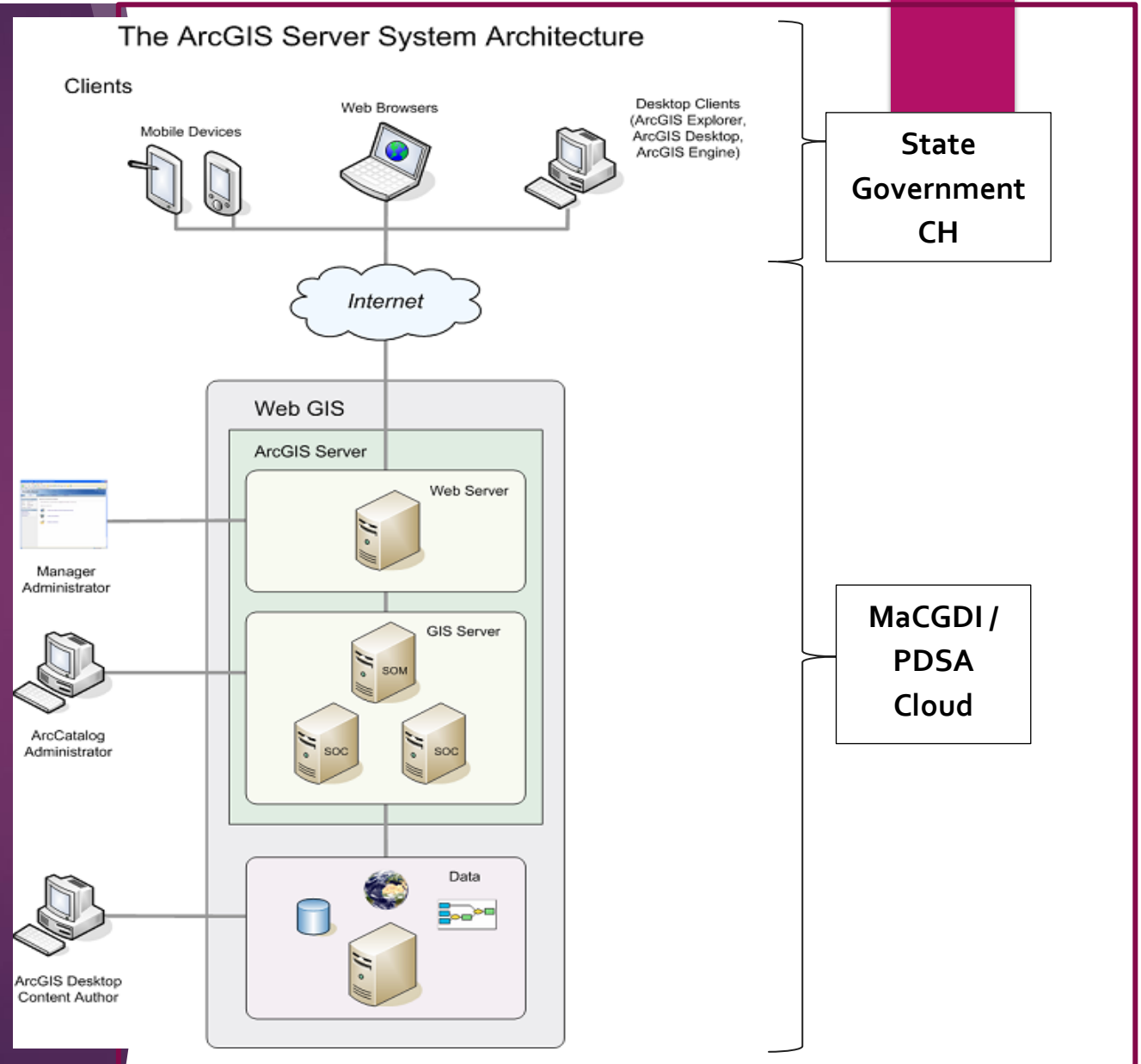
# Cloud Services Offering

MyGDI offers :

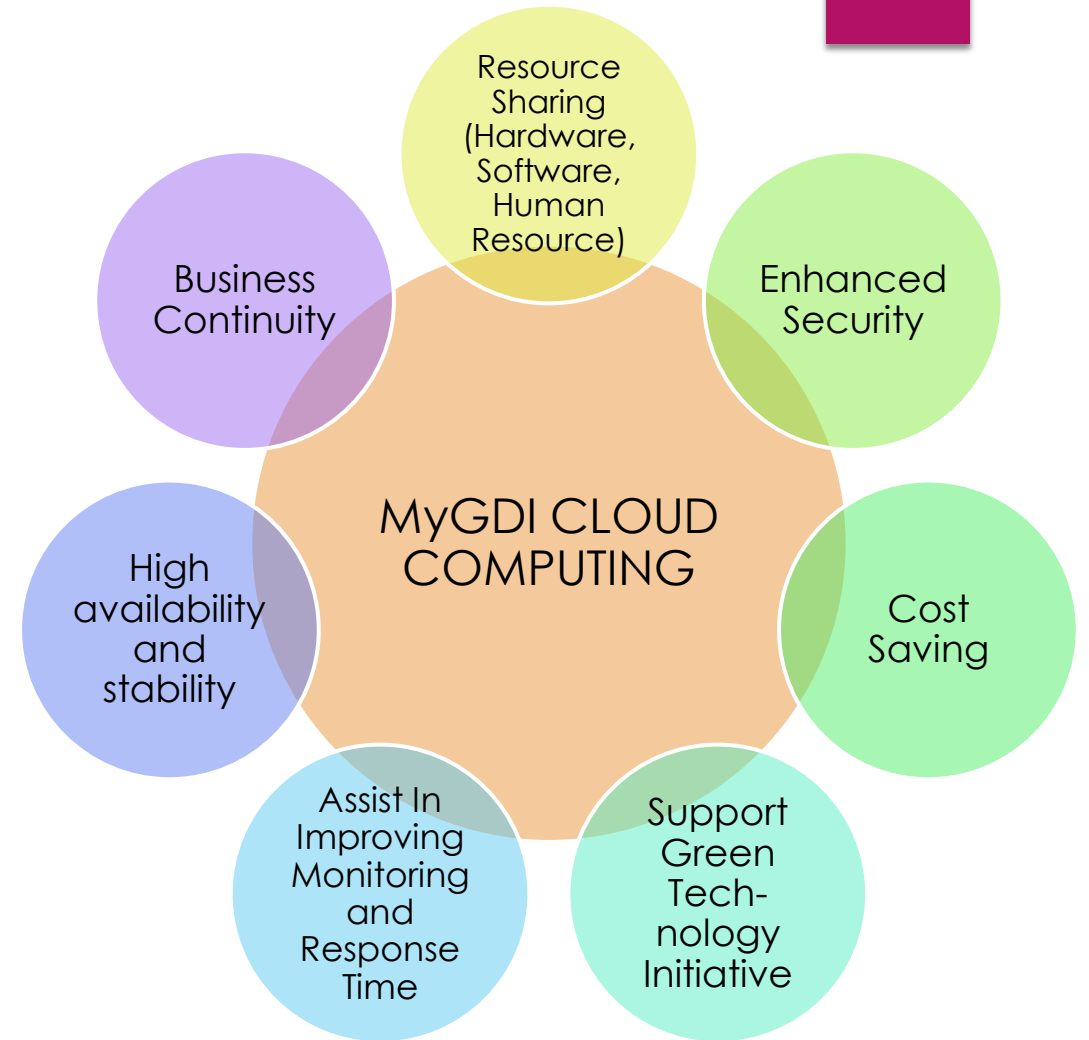
- a virtualized compute power and storage via a government secured hosted infrastructure over the internet.
- an on-demand based IT shared resources with an efficient creation, removal and management.
- a dynamic resources scalability for enhancement and improvement of geospatial services.
- a no-charge services for government agencies.

# The Architecture

Map services publishing :  
A typical approach for  
State Government Clearing  
House (CH) Using MyGDI  
Cloud Computing



# Why We Need Cloud Services?





# Demands and Challenges

- To extend the current cloud services to the businesses and community.
- To accommodate an unpredicted and unplanned demand from agencies to supply resources in a timely manner.
- To monitor and encourage the agencies to maximise the usage of allocated resources.
- To harmonise the geospatial fundamental datasets across data providers and government agencies.

# The road ahead

- Determine a state of art for a national geospatial information architecture and infrastructure
- Developing a nationwide blueprint to support a more structured MyGDI implementation with regards to ICT-based services
- Creation of awareness and acculturation of resource sharing initiatives for a variety levels of acceptance within government agencies, businesses and people.

# Conclusion

Together leveraging the MyGDI's ICT infrastructure towards an effective and efficient Spatially Enabled Government.

*For further enquiries, do not hesitate to call :*

*The Director,  
Malaysian Centre For Geospatial Data  
Infrastructure (MaCGDI),  
Ministry Of Natural Resources and  
Environment (NRE), Putrajaya*

*<http://www.mygeoportal.gov.my>*



# Thank You

Haji Mohd Puad bin Zainal Abidin  
Under Secretary,  
Information Management Division,  
Ministry of Higher Education,  
Malaysia.

Formerly  
The Deputy Director (ICT Services)  
Malaysian Centre For Geospatial  
Data Infrastructure (MaCGDI)