Security Engineer Training Course #1

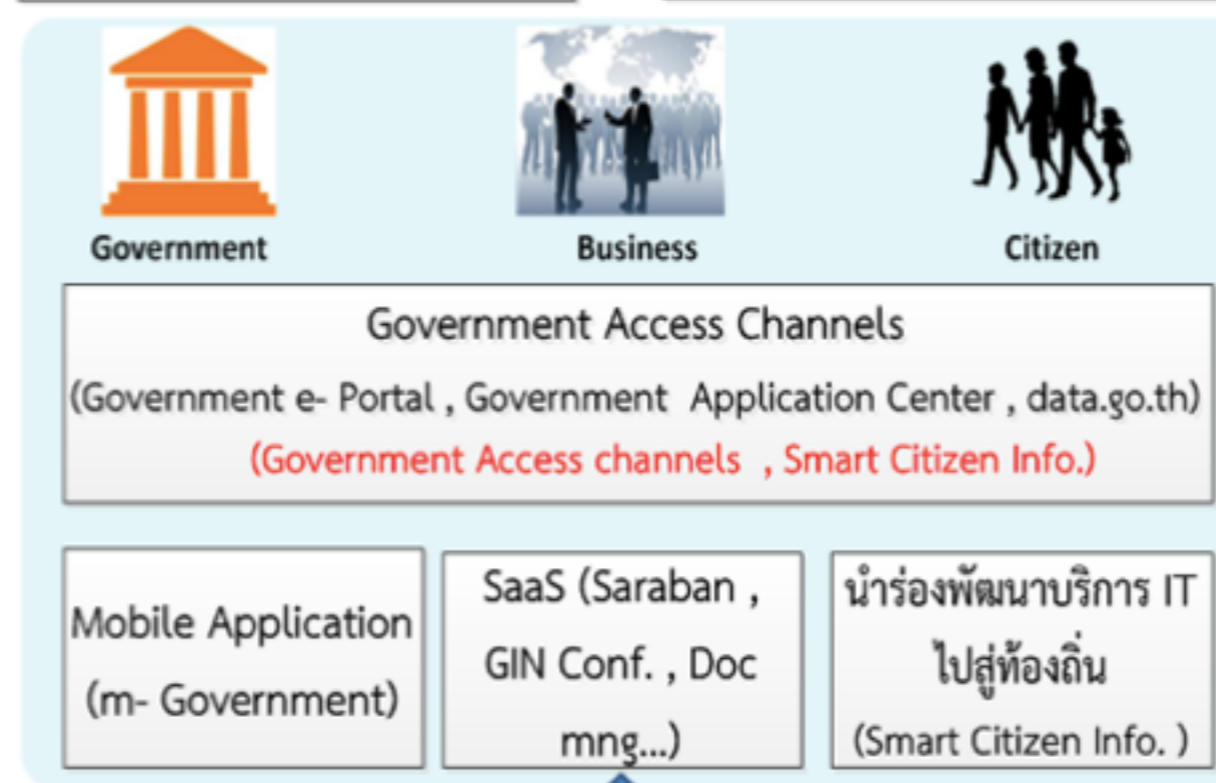# Agenda

❖ Course Overview

❖ Objectives

❖ Contents

    ❖ Network Module

    ❖ Server Module

    ❖ Application Module

❖ Agreement

About EGA

❖ First established in 1997 as Government Information Technology Services (GITS)

❖ ~ 200 staffs

❖ Services

  ❖ Government Information Network (GIN)

  ❖ Government Cloud Services (G-Cloud)

  ❖ MailgoThai service

  ❖ Government Computer Emergency and Readiness Team (G-CERT)

❖ More details : http://www.ega.or.th

"Enabling Smart and Open Government"

Affordability
Crossing Boundaries
Sustainability
Innovation

Transparency
Collaboration
Participation

Government   **Business**   **Citizen**

ยุทธศาสตร์ที่ 3
Collaboration

Government Access Channels

(Government e- Portal , Government Application Center , data.go.th)

(Government Access channels , Smart Citizen Info.)

Mobile Application
(m- Government)

SaaS (Saraban ,
GIN Conf. , Doc
mng...)

นำร่องพัฒนาบริการ IT
ไปสู่ท้องถิ่น
(Smart Citizen Info.)

ยุทธศาสตร์ที่ 4
Readiness

Readiness

(ICT Training , Policy Research, Enterprise Architecture/Standard)

Government API , Common Service (e-CMS,...)

(e-Government Platform)

ยุทธศาสตร์ที่ 2 Connecting

Network   , Cloud , Security , Mail Go Thai

(GIN , G-Cloud , Mail go thai , Government Monitoring)

ยุทธศาสตร์ที่ 1 Transformation

EGA Strategy Integration Framework

G-CERT by EGA

Government Computer Emergency and Readiness Team (G-CERT)

- Risk Assessment
- Incident Monitoring
- Information Analysis
- Response Team
- Awareness Raising

E-C

Services

M@il.Go.th
ระบบจดหมายอิเล็กทรอนิกส์กลาง
เพื่อการสื่อสารในภาครัฐ

Other Government's services

G-Cloud
Government Cloud Service

Inter Cloud

Cloud Provider

Cloud Provider

Cloud Provider

SaaS
PaaS
IaaS

GIN 2.0
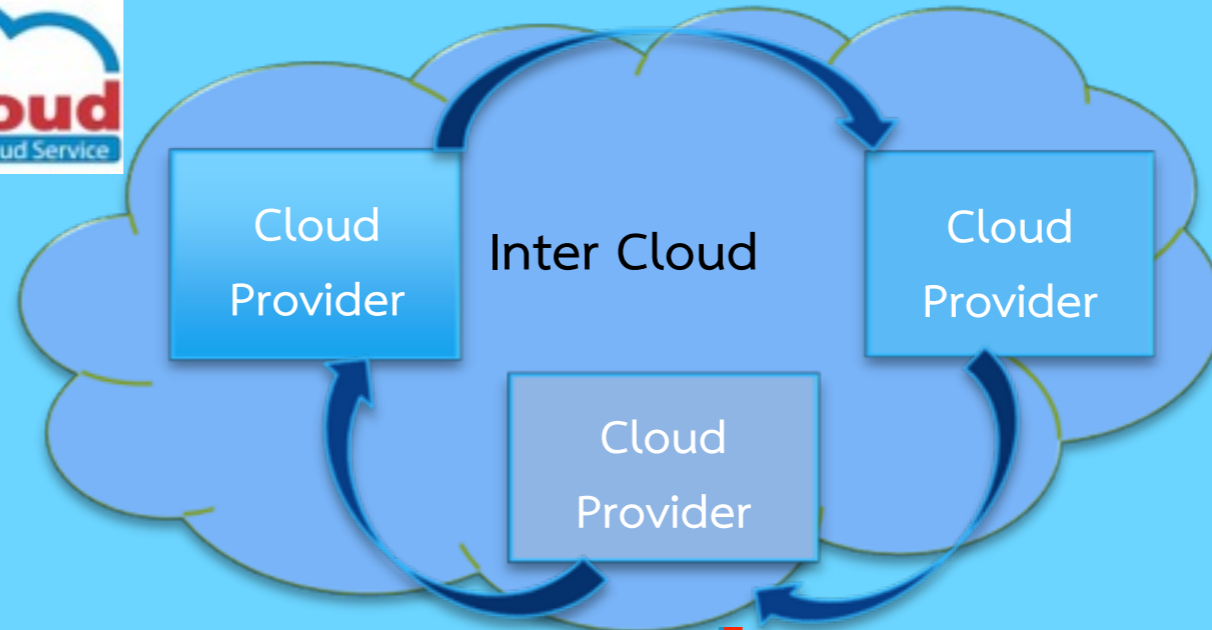
Government Agency

GIN
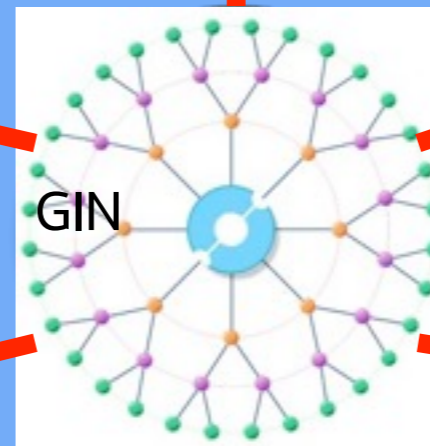
Government Agency

EGA Contact Center
24x7 Helpdesk and Contact Center

EGA e-Govern

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Contact me

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#whoami

- Information Security Specialist at EGA
- OWASP Thailand Chapter Leader
- Certification and Award
  - COMTIA Security+
  - Asia Pacific Information Security Leader Achievements 2011 (ISLA) by (ISC)2
- Membership
  - APWG, ShadowServer, OWASP, MSCP, CSAThailand Chapter, MedSec

Introduce yourself

❖ Name or Nickname

❖ Organization

❖ Background

❖ Expectations

Course Overview

- ❖ 9 Days training course
- ❖ Lecture and Hands-on training type
- ❖ Venues
  - ❖ Sukosol Hotel
  - ❖ Software Park Building
- ❖ Instructors
  - ❖ All from G-CERT
- ❖ aa

Course Objectives

❖ Understand the Enterprise Architecture

❖ Understand how Security is important

❖ Understand Risk Analysis

❖ Understand how to Hardening System and Network

❖ Understand more security technology

  ❖ Firewall, Reverse Proxy and DNSSec

❖ Understand how to secure web application

Contents

❖ What is EA?

❖ Security principles

❖ Network Security and Monitoring

❖ Linux Hardening

❖ Firewall, DNSSec and Reverse Proxy

❖ Windows Hardening

❖ Web Application Security

Agreements

❖ Attend more than 80%

❖ "Training" - not teaching (2 ways communication)

❖ Participate in every activities in and out of the class

❖ Relax and feel free to discuss

❖ Keep in touch after the class