Cloud Adoption Trends

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Agenda

- Cloud Computing Trends
- Application Architecting Tips
- Cloud Security Trends Observations
2015

the year when cloud became mainstream

2016

the year when cloud started to dominate many IT market segments

2017

Cloud was the new normal. Big Data, Container, AI/ML & Blockchain becoming a hot topic

2019

a year when cloud services growth and penetration really started to scale globally
Cloud Computing Trend

Source: RightScale 2019 State of the Cloud Report from Flexa

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“Are you facing your business application issues in performance, outage, updates and innovation?”

- SLOW PERFORMANCE IN PEAK HOUR?
- RESOURCE LIMITED TO SPEED UP?

- More Scalability
- Cost efficiency
- Agility
- Better End-User Experience
- Monolithic Architecture

Cloud Native Application

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Benefits of re-architecting your Application as Cloud Native

- Stop Guessing Capacity
- More Stability and Reliable
- Increase the Speed and Agility
- Enjoy Technology Innovation
Scalable Architecture

Scalability
Self-Healing

Database Layer
Application Layer
Presentation Layer
Queues / Service bus

Monolithic Systems

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Serverless Application Architecture

Serverless Architecture

- No server management
- Flexible scaling
- High availability
- No idle capacity

AWS CloudFront with S3 hosts static web content

AWS Cognito registers and authenticates news users

Receive Dynamic API and execute backend logic

Push notification to member

CloudFront Content Delivery

AWS S3 Object Storage

Cognito User Pool

Email / 3rd Party SAML Provider

Login with Facebook

API Gateway

RESTfulAPI

Lambda

Execute

DynamoDB

NoSQL

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Containerized Application Architecture

Container Architecture

Cloud Provider

On-Premise Hypervisor

Kubernetes Cluster

Pod

Internet

AWS CloudFront

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The year 2019 will be the year where organizations increase focus on securing applications, data, and identity.
CloudHUB Key Focus

MSP Portfolio
Consulting, design, build, migrate, operate and optimize

APP DEV
DevOps development of mobile + web apps, optimized for AWS cloud

Ecosystem
Ecosystem of ISP, ISV, CSP, partners and resellers to build best of breed solutions
CloudHUB Presence

Hong Kong
Sales & Consulting

Philippines
Sales & Consulting

Singapore
Sales & Consulting

US & India
App Development

China
DevOps

Malaysia
7 x 24 NOC

29+ AWS Certifications
3 Solution Architect Professionals
2 SysOps Administrator Associate
11 Solution Architect Associate
13 Foundational Certifications

250+ Technologist
55+ AWS certified Individuals
5+ yrs DevOps Automation

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Thank You!

CONTACT US!

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