Cuong Tran Doan (Andrew Tran)
CLOUD ENGINEER – SYSTEM ADMIN

PROFILE

Difficult task or easy task, the important is we try to do anything we can do. Only you want or not. And with over +10 years of working with the system. I got more skills in Security, networking, Virtual system, Public Cloud, Database, OS system, Software, Dev. I also learn to improve my skill. I hope I can help your company take care of your IT system. In the past, my colleague – also my customer from Germany, France, Japan, Vietnam, Singapore, China, Korea, US, Switzerland…So I confidently integrate with the working environment and working style of European and Asian Countries.

WORKING EXPERIENCE

Cloud Engineer – System Admin, 1CloudStar, Ho Chi Minh

December 2021 – Present

Project:

- Linux – Rocky 9 CIS Benmark
- AWS/Checkpoint – S2S VPN
- Azure Project 3Apr23
- Project for LQP
- AWS Fortigate POC
- AWS - Static Analysis with TFLint/Terrascan, Alerting for IaC with Jenkins/SNS
- AWS - Build CI/CD with AWS Code Service, ELB, B/G Env
- AWS - Deploying a PHP Web Application Using AWS OpsWorks
- Create a Python Flask web app - Launch a dual container (Nginx -> Flask)
- AWS - Controlled Version Deploy with Beanstalk
- AWS/Terraform - Battelab Project
- Linux python - CIS Benmark
- AWS/FW - Checkpoint fw one way to internet
- AWS/Audit - RDP Project
- AWS/FW - Configurate s2s VPN - PFSense
- AWS/FW - Upgrade Checkpoint FW
- AWS - Migrate all infra to new VPC
- AWS/Cloudformation - Provision new Sophos FW and config
- AWS/Docker - Update new image - Deploy to new container

DETAILS

No 225, Vo Thi Sau Streets, Districts 3, Ho Chi Minh
Viet Nam
+84 933 243 889
ctd983@gmail.com
LinkedIn: in/ctd983

Skills

Communication Skills
Leadership Skills
Problem Solving
Teamwork
Time Management Skills

Languages

English

- Azure - Design new System for new Customer
- On - Replication Veeam Backup between 2 site
- Support Operation Team.

Senior System Admin, Teamwork Vietnam, Ho Chi Minh

APRIL 2020 – DECEMBER 2021

Update new DevOps job from Dec2020

-- Run Docker container as Web server and MySQL server

-- Setup and manage MySQL, MSSQL

-- Monitor/College logs/Alarm with AWS CloudWatch

-- Setup Sent email / SMS with AWS SNS

-- Setup auto deploy using third party software

-- Create new report for Antivirus (Microsoft Report Builder with MSSQL, put in Sharepoint)

-- Create new report for SCCM (Microsoft Report Builder with MSSQL, put in Sharepoint)

-- Create Get_list csv file (Lambda, CloudWatch Event, Python put to S3)

-- Auto-Scaling with Lambda, CloudWatch, CloudFormation

Automation

- Setup CI/CD on GitLab

-Jenkins (only training)

-Visual Studio Code: deploy code to AWS by PowerShell, python

Primary Job

Virtual System

-Vmware/Hyper-V

-- Manage HCI System

-- Check alert and find solution for issue

-- Make notify to user change HDD if need - or contact with local vendor change hdd

-- Migrate VM to another host/vcenter

-- Upgrade vCenter/Esxi

-- Consider new sulution for current system

-- Increase HDD/Ram/CPU from user request

-- Create/Remove VM from user request

-- Snapshot VM from user request

-- Manage vSAN

-- Connect with VMWare get solution for special case.

Physical Server

- IBM server/HP server

- Check status server via ILO/IMM port.

- Check status HDD/SSD, Ethernet Port,Fiber Port.

- Manage SAN (XtremIO Storage - Dell EMC, Data Domain - Dell EMC, SAN V700 - IBM,EMC Unisphere for VPLEX,...).Check HDD/ Ethernet Link/ Free space, Replication,. If have alert, find solution and fix it.

Backup

-Veeam/Comvault

-- Check Backup, If backup failed, check issue and fix/re-submit backup

-- Create new policy for new backup job

-- Add/Remove VM to Backup Job

-- Create/Change schedule backup from user request

-- Config setting replication to another region

OS

-Windows 2012/2016/2019

-- Setup OS, software from user request

-- Update Windows via SCCM

-- Manage CPU, Ram, HDD, Free Space, Windows services. If have alert, find solution and fix it.

-- Manage AD, DNS, DHCP, Printer Server, Fileservers

-- Manage Replication Server

-- Validate server to production

Linux Ubuntu/Centos

-- Update software from user quest

-- Check status Docker Host

-Docker/Container.

-- Create/remove Container from user request

-- Manage User Permission

-- Manage Cluster Server 2019

-- Manage Docker Swap.

-- Create/edit/remove image/Docker file

-- Build image from Docker file

-- Have knowledge about K8S - NGINX

Cloud

-AWS

-- Create/remove/edit VM in EC2

-- Manage snapshot/policy for snapshot (remove it if expire day)

-- Manage S3, keep free space follow policy

-- Manage Secret Manager, Set rotation password for DB

-- Manage ASG

-- Manage Application in RDS

-- Manage Lambda Function

-- Deploy app via script

-- Have knowledge about ECS/Lambda/ELB/API Trigger

-- Check CloudWatch then report to Customer

-- Using CodeBuild for change Firewall Policy

-- Make API Price then then report to customer.

-Azure

-- Manage/set permission Subscription

-- Manage Azure AD

-- Create/Manager VM, Resource Group, Storage, Replication (LRS, ZRS, GRS).

-- Manage/set permission Security/policy

-- Check log with Azure Monitor

-- Check incident with alert on Azure

-- Migrate VM from on premise to Azure

-- Config backup with Azure Backup

-- Backup & Restore Azure SQL Database

Database

-MSSQL/MySQL

-- Backup by script/Task schedule to S3 AWS

-- Restore DB from AWS/Simpana/Local

-- Manage about Ram of Instance, Log DB Capacity, AutoGrowth

-- Manage User Permission access DB

-- Manage ESET DB, KAS DB, connect to report DB, check it if have issue

-Oracle DB

-- Verification DB to Production (Follow guide)

Monitoring

- Centreon, check all issue (Critical, Warning, Unknow) and find solution then fix it

- Add more poller, reset/reboot poller

- Create/remove custom sensor

- Add/remove server/instance sql/ILO/IMM to monitor

Antivirus ESET: Setup and sync from client to server, Setup policy/schedule scan for client, Update new package for ESET manager. Deploy new package to client

Language for Dev

- Have experience about Shell Script, Batch Shell, Powershell. Using Script for support my job is faster and better.

- Have experience about C++, Python . Trying to leaning more for support job which process in Azure, AWS & GCP

Report to Customer / Manager

- Process Daily/Weekly/Monthly report

- IOS devices review

- Process Backup admin account

- Process Summary Backup report

- Process Backup some special DB

- Process internal control

IT Staff, YKK VietNam, Dong Nai

MAY 2014 – APRIL 2020

IT Staff, DucNhan Co.,

MAY 2012 – MAY 2014

Education

University, Lac Hong University, Dong Nai

SEPTEMBER 2007 – MAY 2012

Information Technology

University, Lac Hong University, Dong Nai

SEPTEMBER 2014 – SEPTEMBER 2016

Business Administrator

Certificate

SAA-C02 - AWS Solutions Architect Associate

AZ-104 - Microsfoft Azure Administrator

Microsoft Azure Solution Architect Expert

LPIC-1 - Linux System Administrator

VMWare Data Center Virtualization 2020

ISO/IEC 27001 — Information security management

IT Certificate from LacHong University

Bussiness Administrator Certificate from LacHong University

Certificate

SAA-C02 - AWS Solutions Architect Associate

AZ-104 - Microsfoft Azure Administrator

Microsoft Azure Solution Architect Expert

LPIC-1 - Linux System Administrator

VMWare Data Center Virtualization 2020