HAZROL NAIM

https://www.linkedin.com/in/hazrolnaim/
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Selangor, Malaysia

WORK EXPERIENCE

Anima Vitae   Selangor, Malaysia

System Administrator   November 2015 - present

- Single-handedly setting up a new office's network, utilizing Arista and Cisco switches to configure uplink and downlink between 4 floors with separate VLANs for workstations, render nodes, and servers
- Making use of PXE boot, SaltStack, a configuration management & orchestration tool, and Rez, a package management tool, to automate the configuration of workstations, render nodes, and servers
- Writing lots of shell scripts (mostly Bash) and Python scripts to help lighten up the burden of monitoring and managing workstations and servers by making them automated
- Successfully enabled artists to work from home from 2020 to date (2022) by deploying a VPN solution and remote access via NoMachine
- Configured an LXC container to run Expedat, a high-performance FTP alternative service, to maximize usage of network bandwidth for downloading and uploading
- Deployed multiple Docker containers on AWS to run internal usage applications consisting of a ticketing system, inventory system, and a full computer management website
- Configured a distributed file system cluster to house more than 500TB of the company's project files
- Provides support for workstations, servers, and render nodes which runs 100% on Ubuntu Linux operating system
- Responsible for company's own DHCP, DNS, Apache, and NIS servers to have a centralized system so that every artist can work from any workstations, and not limited to only 1 single workstation

Netccentric   Kuala Lumpur, Malaysia

System Administrator   November 2011 - April 2014

- Migrated company's website (nuffnang.com & churpchurp.com) and databases running on CentOS Linux operating system in multiple countries (Malaysia, Singapore, Philippines) with a very minimal downtime
- Deployed a high-availability cluster for the company's website and databases to load balance the traffic and make sure the website is always available
- Successfully deployed a VPN for secure access to all of the company's servers
- Revisit and restructure security aspects of internet system and servers usage
- Wrote lots of Bash scripts to monitor the servers and to automated a databases backup every night

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WORK EXPERIENCE

Szar Solutions   Kuala Lumpur, Malaysia

Jr. System Administrator (title System Analyst)   April 2011 - November 2011

- Migrated Malaysia's Ministry of Higher Education (MOHE) web and email servers
- Help configured a backup solution for MOHE, utilizing a FreeBSD-based, FreeNAS (now known as TrueNAS) operating system

EDUCATION

College

Perak, Malaysia

Diploma of Information Technology   May 2003 - June 2006

TECHNICAL SKILLS

Scripting:

Bash, Fish, Python

Configuration Management:

Git, Saltstack, Ansible

Containerization:

Docker, Docker Compose, LXC/LXD

Virtualization:

KVM, QEMU, Oracle Virtualbox, VMware Player

Operating System:

Linux Distro: Manjaro, Ubuntu, CentOS

Windows Version: Windows 10, Windows 8, Windows XP

Applications/Services:

DHCP, DNS, Apache, Cisco IOS, Arista EOS, MooseFS

CGRU Afanasy, Saltstack, Rez, ZFS, Zammad, Meshcentral, Snipe-IT