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

- Configured and maintained over 100+ workstations & 150+ servers and render nodes that run 100% on Linux operating system
- Written lots of shell scripts (Bash) and Python scripts to help lighten up the burden of monitoring and managing workstations and servers by making them automated
- Reduces operational costs by up to 90% by converting a physical router into a virtual router (OPNsense)
- Utilizing Arista, Cisco and Dell switches to link 4 offices with separate VLANs for workstations, render nodes, and servers
- Making use of PXE boot, SaltStack & Rez package management to automate the installation and configuration of workstations, render nodes, and servers
- Connecting local studio with Helsinki's with a site-to-site VPN for easy collaboration
- Utilizing an OpenVPN to deploy a VPN solution for WFH artists and vendors
- 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 complete computer management platform
- Configured a distributed file system cluster to house more than 500TB of the company's project files
- Responsible for in-house DHCP, DNS, Apache, and NIS servers to have a centralized system so that every artist can work from any workstation, and not be limited to only 1 single workstation

Netccentric   Kuala Lumpur, Malaysia

System Administrator   November 2011 - April 2014

- Migrated the 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 automate 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 configure a backup solution for MOHE, utilizing a FreeBSD-based, FreeNAS (now known as TrueNAS) operating system

EDUCATION

Cosmopoint - Institute of Information Technology   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:

Proxmox, KVM, QEMU, Oracle Virtualbox, VMware Player

Cloud:

AWS EC2, AWS VPC, AWS CloudWatch

Operating System:

Linux Distro: Manjaro, Ubuntu, CentOS

Windows Version: Windows 10, Windows 8, Windows XP

MacOS: Mojave, Catalina, Big Sur

Applications/Services:

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

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

Networking:

Cisco ASA, Cisco Catalyst, Arista 7010T, Arista 7050-TX, Dell EMC PowerSwitch S4048T-ON

Hardware:

Lenovo P620, Dell PowerEdge R630, Supermicro FatTwin, Supermicro Workstation

HP BladeSystem, HP ProLiant DL380