Personal Details

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Profile

Over 4 years self-aware always-seeking to learn and develop professional network engineer, working in software, hardware, Linux, and Windows, environments carrying design, implementation, administration and troubleshooting tasks for networking, network monitoring systems, storage, virtualization and cloud computing solutions, in LAN and WAN environment, looking to an enterprise environment where I can utilize my skills and experience to add business value.

Certificates

ITIL® Foundation in IT Service Management October 2016.

Huawei Certified Network Associate Storage Jul, 2016.

Work Experience

January 2019 – February 2019

Deploy Huawei modular datacenter (fusion module 8000) and cloud datacenter witch contains (one E9000 blade server, one Ocean store 6800 v3, 61 Huawei switches).
Installation and configuration Huawei cloud (Fusion sphere, Fusion access).

October 2017 - Present Nile Center for Technology Research

Project manager for Huawei cloud data centers and VDI solutions

Customers' site survey to collect requirement, analyzing our customer needs and helping them select appropriate cloud technology, collaborate and negotiates with vender (Huawei) to provide best and optimal design and implementation the solution.
Help our customers to migrate their information and service into the cloud with no interruption in service during this migration.

November 2017 - Present Nile Center for Technology Research

Team leader for OpenStack and open source VDI solution development project.

OpenStack Components installation and configuration:
- Compute (Nova)
- Image Service (Glance)
- Object Storage (Swift)
- Dashboard (Horizon)
- Identity Service (Keystone)

- Networking (Neutron)
- Block Storage (Cinder)
- Telemetry (Ceilometer)
- Orchestration (Heat)

OpenStack Management Experience:
- Identity management
- Dashboard management
- Compute nodes management
- Object Storage management
- Block Storage management
- Networking management
- Image management
- Troubleshooting

Deploy and integrate openstack with different hypervisors for private and public cloud.

October 2016 – May 2018 Nile Center for Technology Research
Network engineer for national PKI project.
Network design, Network implementation, UTM administrator, Linux system administrator, Linux virtualization, VMware vSphere, and Huawei SAN storage administration.

September 2016 - Present Nile Center for Technology Research
Network and System admin senior engineer *for governmental institutes Projects.* Planning, Installation, and configuration, backup and restore   for Linux and windows systems.
Duties are:
- Network design for virtualization environment.
- Installation and Administrator for, Clustered VMware vSphere 6, Clustered Hyper-V, SCCM, SCOM, DHCP,DNS and Active directory.
- HP 3PAR SAN Storage administration.
- Prepper Odoo environment on VMware.
- Design and implementation Linux HA clusters (PostgreSQL, MySQL, MariaDB, tomcat, pache2, shared storage etc...) using (pacemaker, Corosync, CRM, PCS).
- Installation configuration and customization large scale open source network monitoring systems (ZABBIX,Nagios)

January 2016 – June 2017 Nile Center for Technology Research
Network monitoring system specialist (PRTG, ZABBIX and Nagios)

January 2014 – June 2016 Nile Center for Technology Research
Linux system administrator
Installation, configuration and troubleshooting Linux services including but not limited to apache,openvpn,IPsec,iptables,nfs,zimbra mail system,DNS,DHCP,ZABBIX,Nagios,Openstack and Linux virtualization(KVM and proxmox) .
Installation, configuration and troubleshooting local NCTR monitoring system (ZABBIX).

Planning, Installation, configuration and troubleshooting for E15 DR site.
Citrix virtualization administrator.
Linux Cluster System Administrator.
E15 monitoring system administrator.

Education

B.Sc. Electronics Engineering/**Communication**, Sudan University of Science and Technology, 2013
Diploma of Electronic Engineering/Communication Sudan University of Science and Technology 2010

Training

NCTR, Khartoum Sudan, November 2015
      Information Security
Huawei Training Center, Smart city Egypt, July 2016
      Huawei HCNP-Storage v3, Servers RH V3 series and E9000
KIWI Training Center, Khartoum Sudan, June 2016
      ITIL 2011 foundation
NCTR, Khartoum Sudan, September 2016
      Wireshark Certified Network analyst

Key Skills

Continues development and optimization is a key factor in my life in all aspects, analytical thinking, Best fit solutions, balancing need cost and risk, have no hesitation to go for a best fit solutions whatever it's difficulty was. Organized, highly dependable, Self-learner, able to work in groups as well as individual.

References

      References provided upon request