DevOps/Network/System Administrator specializing in Enterprise level network management solutions that cover IP/MPLS Engineering, DevOps, Cyber Security, VPNs, Cloud Computing, Routing & Switching, Firewalls, VoIP, Linux and Microsoft Server's administration.

Zafar Ali

Phone:
+92 315 4077741
E-Mail:
ali.ds2020@outlook.com
Skype:
zafarccnp

Education

2017-2019
Master of Computer Science:
Computer Networking and Cyber Security -
University of Hertfordshire, UK

Projects

- High Availability, Fault Tolerance and Load Balancing investigation and configuration on Routers, Switches, Firewalls, Nginx Reverse Proxy and Load balancer (F5 BIG-IP).
- Kubernetes Kops & Minikube Cluster Installation and Configuration on AWS and VMware
- CICD implementation using Git, Docker, Jenkins and Ansible on Kubernetes Cluster using VMware.
- Big Data Analysis on Twitter using Elastic search, Log stash and Kibana.
- Digital Scale System using VB.Net and SQL server.

Experience

10/2019 Till Now
Self-Employed
- Establishing networking environment by designing system configuration, documenting, and enforcing system standards.
- Configuration of routing and switching equipment
- Work with clients to help integrate information technology systems into their business.
- Securing the network system by establishing and enforcing policies, and defining and monitoring access using Linux Hardening techniques.
- Configured DevOps environment using VMware and AWS.
- Installed and Configured Nginx Proxy Server load balancing and security with Let's encrypt.

05/2018 to 08/2019

IT Administrator – iCPS Framework, London
- Fully supporting, configuring, maintaining and upgrading corporate customer's networks and in house servers.
- Assistant to Continuous Integration and Continuous Delivery team using Jenkins, Git, Docker and Ansible.
- Liaised with Cisco switches and Wireless Aps
- Responsible for Pfsense firewalls and nTop Monitoring.
- Liaised with IPPBX Asterisk and Cisco VoIP phones.
- Responsible for Exim4 mail server and Thunderbird.
- Installing and integrating new servers and applications
- Automate tasks and monitor their effectiveness
- Knowledge of major cloud service provider like AWS.
- Provide remote support to on-site engineers, project management teams and end users.
- Responsible for Pfsense firewall configuration, policy and nTop monitoring.

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Skill Highlights

- DevOps (Kubernetes, Docker, Jenkins, GitHub, Ansible, Terraform)
- CCNP, CCNA (R&S, Enterprise)
- Linux (Debian, CentOS, FreeBSD)
- Microsoft MCITP, MCTS
- VMware ESXi, Hyper-V, JailBird
- Cloud (AWS, OpenStack)
- Firewalls (PaloAlto, ASA, Pfsense)
- Citrix VDI
- Team Working
- Innovative
- Workaholic

Certifications

- CCNP
- CCNA
- MCITP
- MCTS

Languages

- Arabic
- English
- Urdu
- Punjabi

References

References available on request

Experience

10/2014 to 08/2016

IT Engineer - AL Baraka Construction Co., Ltd. Saudi Arabia
- Responsible for Linux and Microsoft Servers on VMWare ESXI for ASWAQ ERP System.
- Configured CISCO firewall, routers, switches, VPNs.
- Installed, configured and maintained services and web stack like LAMP, LEMP, Samba, Postfix, NFS, DNS, DHCP.
- Design and deploy functional networks (LAN, WLAN, WAN) on-site and main office.
- Liaised with HP, Ricoh, and Kyocera Photocopier/Plotter Machines for scanning, printing and troubleshooting.

05/2013 to 09/2014

Network Administrator - Colony Group of Industries, Pakistan
- Liaised with VMware ESXI servers and Hyper-V to manage multiple servers for backup and disaster recovery.
- Configured and troubleshoot Cisco routers, switches, HSRP, VRRP, VLAN, and WLAN.
- Monitor network performance (availability, utilization, throughput, and latency).
- Ensure network security and connectivity
- Liaised with Microsoft Servers Active directory, TMG 2010, Windows 8, 7 and print servers.

05/2010 to 04/2013

Assistant Network Administrator - NUST University, Pakistan
- Liaised with Hyper-V to manage Linux and Microsoft servers. and set up user accounts, and permissions.
- Define network policies and procedures.
- Responsible for Linux servers scripting using Bash Shell.
- Liaised with Microsoft Server 2008 group policies and AD administration.
- Managed Kaspersky Centralized Antivirus and APs.

11/2008 to 04/2010

Network & Database Administrator - CIT College, Pakistan
- Installed and configured Routers, switches, and HP servers
- VoIP Telephones testing and troubleshooting.
- Expertise in Linux Server/System installation, configuration, administration, backup & recovery.
- Liaised with Oracle 10g and SQL database administration.