

Asim Ghafoor

Gulberg III, Lahore * (0092) 304 2202016 * link2aasim@gmail.com



PROFESSIONAL SUMMARY

- More than 4 years of experience as System/Devops Engineer in Linux based Environment on RHEL 6/7, Debian, CentOS/Fedora and VMware vSphere ESXi 5/6, XENServer 6 and KVM environment.
- Extensive experience with virtualization technologies in installing, configuring and administering.
- Experience with server/kernel performance tuning, system monitoring and system network interface load balancing
- Repairing OS from File system, Boot loader, Kernel panic & Performance issues and also restoring using BMR from CDP backup tool.
- Identifying vulnerabilities such as weak ciphers and protocols and taking mitigation steps to prepare the server as PCI compliant
- Installing IPTables/Firewalld and creating & denying policies to tighten up the security
- Creating & modifying firewall policies to allow/deny traffic to specific ports for applications and configuring NAT rules in Juniper, Mikrotik and Pfsense firewalls
- Managed Patches, Upgrades and Licensed Products for system software on all Linux servers
- User management with LDAP and setting up Kerberos authentication for cluster and creation of volumes for users and allocating quotas; established NFS gateways on data nodes/NFS mount on edge nodes.
- Sound Knowledge of FTP, DHCP, SAMBA, DNS, HTTP, HTTPS
- Experience with Configuration management tools like Ansible and Puppet.
- Scripting Knowledge of Bash and Python.
- Hands-on knowledge of software containerization platforms like Docker and container orchestration tools like Kubernetes
- Extensive Experience with AWS Cloud Services like EC2, S3, IAM, Cloudwatch, Cloudtrail, Config, Cloudformation, VPC, Glacier, SQS, SNS, RDS, DynamoDB, Cloudfront, ELB/ALB etc.
- Experience in Supporting and managing LANs, WANs, Internet and Intranet systems.

PROFESSIONAL EXPERIENCE

EBRYX PVT LTD, LAHORE

Systems Engineer, Jan 2016 – present

Responsible for coordinating the construction, maintenance, and expansion of organization's computer systems.

- As a Linux System admin primary responsibility includes building of new servers which includes installation of OS, configuring of various OS-native and third party tools, securing of OS, installing & configuring, job scheduling.
- Installation, Maintenance, administration and troubleshooting of Red Hat Enterprise Linux 6/7, Centos/Fedora and Debian systems.
- Creating and maintaining user accounts, profiles, security, rights, disk space and process monitoring
- Deployed and Configured FreeIPA for Enterprise Identity and Access Management (IAM).
- AWS infrastructure and application deployments by using AWS Services like EC2, S3, ELB, Route53, cloudformation, SNS, SQS, RDS, IAM & Policies, into different Availability zones for the High Availability and Disaster Recovery.
- Good understanding of ELB, security groups, NACL, NAT, firewall and Route 53.
- Perform Security Audit and Enhancing Security by using AWS Inspector periodically.
- Scheduling snapshots of volumes for backup and find root cause analysis of failures and documenting bugs and fixes; scheduled downtimes and maintenance of cluster.

- Configuring and maintaining networking related implementation and system securities using Security Groups, SSL Certificates, subnets, Internet Gateways, SSH keys, AWS Access/Secret Keys, Iptables, Network ACL's and different protocols such as SSH, HTTP, HTTPS and FTP.
- Check Logs using Logging intelligence such as Kibana, ELK stack, CloudTrail and cloudwatch.
- For backup, taking a snapshot of existing volumes and create AMI from running servers and restore it in case of emergency.
- Installed and configured Nagios/check-mk to constantly monitor network bandwidth, memory usage, and hard drive status and custom applications health.
- Reviewing system and application logs, and verifying completion of scheduled jobs such as backups.
- Working in ticket-driven workflow environments such as Jira and create new tickets according to monitoring alerts into Service Desk Plus.

EBRYX PVT LTD, LAHORE

Technical Support Engineer, Feb 2015 – Dec 2015

- Responsible for operational support/maintenance/security of corporate network & security infrastructure.
- Supported the network systems in areas of configuration and troubleshooting of network design, implement and manage networking infrastructure between data centers and connecting networks.
- Commended for quickly resolving complex issues including system crashes, network slowdowns, connectivity problems, security breaches, virus infections and more.
- Nagios based IT-infrastructure monitoring
- Prepared and install computers and related equipment/software, including connections to the data communication networks.
- Experience in documenting processes and procedures that are followed in fulfilling a task
- Managed an inventory database of technology related equipments

PROFESSIONAL CERTIFICATIONS & TRAININGS

- Red Hat Certified System Administrator (RHCSA) 2018
Got 100% in RHCSA exam
- Certified AWS SysOps Admin (AWS SOA) Feb 2019
Got 90% in SOA exam
- AWS Solutions Architect Training
- Red Hat Certified Engineer (RHCE)
Appearing in exam next month
- ProofPoint Certified (PACSE & Technical Training) April 2019
Got 85% in the exam
- Devops Course (in progress)

HONORS & AWARDS

- National ICT Scholar (4 years Engineering Degree Scholarship)
- Best Performer of the Year Award at Ebryx (July 2018)
- “Unsung Hero” Award for team player at Ebryx (July 2017)

EDUCATION

UCET IUB, BAHAWALPUR

BE Engineering, E & Communications. *November 2014*

- GPA: 3.6/4.0