

C Younus



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Career Summary

• Experienced **IT System Administrator** with 6+ years of expertise in **Linux/Windows server administration**, network **infrastructure**, and **cloud platforms (AWS)**. Specializing in implementing security measures, **firewall management**, and developing backup and recovery plans. Adept in supporting and troubleshooting advanced technical issues within computer hardware, network infrastructure, operating systems and software installations.

Experience

ECPL

Feb 2020 – Present

Senior System Administrator

Bangalore

- Administered and maintained Linux and Windows servers in both on-premises data centers and cloud platform (AWS).
- Proactively manage and maintain server, network and firewall systems.
- Deployed and managed cloud infrastructure components including VPCs, subnets, security groups, and IAM roles.
- Develop and implement project plans, risk assessments and contingency plans.
- Design and implement monitoring, configuration management and reporting functions that will make a hands-off environment.
- Provide after-hours support for Infrastructure related emergencies as well occasional weekend maintenance.
- Assist with firewall, telecom and software vendor evaluation, recommendation and negotiations.
- A solid understanding of LAN/WAN networking.
- Group Policy design and configuration.
- Active Directory/LDAP user and group administration.
- Ability to troubleshoot network issues including back bone infrastructure issues.
- LAN Routing and Switching design, configuration and troubleshooting (VLANs, IP Subnetting).

QConneqt

Oct 2018 – Oct 2019

Technical Support

Bangalore

- Provided technical support for IT infrastructure and end-user systems.
- Troubleshoot hardware, software, and network connectivity issues.
 - Assisted in maintaining system documentation and support tickets.

Project

1. SPARK CRM Integration | AWS, GitHub, Maven, Jenkins, Linux, Docker, Kubernetes

- Description:
 - * SPARK CRM integrations cover major business components such as Account Management, Opportunity Management, Order Management, Items Management, Pricing, etc.
 - * Integration extends to various external systems including Oracle Sales Cloud and Oracle Ebiz Systems.
- Role: Senior System Administrator
- AWS CLOUD INFRASTRUCTURE:
 - * Designed and deployed a fault-tolerant web architecture using AWS CloudFormation to automate infrastructure deployment.
 - * Created a custom VPC with public/private subnets, NAT gateways, and routing for scalable web hosting.
 - * Deployed EC2 instances in private subnets behind an Application Load Balancer, using Auto Scaling based on CPU utilization.
 - * Hosted static content on S3 and used AWS Lambda to process images/logs upon S3 events.
 - * Configured IAM roles and policies to follow least-privilege best practices.
 - * Experience with AWS services including **EC2, VPC, IAM, S3, Route53, Load Balancing, Auto Scaling, CloudFormation, and AWS Lambda**.

- * Having Experience in writing **Docker files**.
- * Having Experience on **Kubernetes** (EKS, ECS) for Orchestration of the Containers.
- * Having Experience in creating Kubernetes manifest files like **daemon set, replica sets, deployments**.
- * Having Experience on **CI/CD using Jenkins, Docker & Kubernetes**.

FIREWALL MANAGEMENT:

- * Overseeing and maintaining two distinct sites' **FortiGate firewalls** (600E/400E).
- * Building a site-to-site tunnel in compliance with client's security requirements.
- * Design and implement security policies, firewall rules, and NAT configurations based on organizational requirements.
- * Utilize FortiAnalyzer to conduct deep traffic analysis, generate reports, and identify potential threats or vulnerabilities.
- * Created a VPN Group to access limited application servers.
- * Creating and maintaining VPN accounts in FortiGate.
- * Monitor and analyze real-time network traffic using FortiView and other Fortinet tools to ensure smooth network operations.
- * Created and maintained SD-WAN rules as per the requirements.

WINDOWS SERVER ADMINISTRATION:

- * Manage and administer Windows Server environments (2019) across production and test networks, ensuring high availability and performance.
- * Configure and maintain **Active Directory** (AD), including users, **groups**, OU structure, **GPOs**, **DNS**, and **DHCP**.
- * Implement and monitor server security policies, including user permissions, role-based access control, and antivirus/malware solutions.
- * Perform regular patch management and software updates using **WSUS** and System Center Configuration Manager (**SCCM**).
- * Manage virtualized environments using Hyper-V and VMware, provisioning VMs, monitoring performance, and troubleshooting issues.
- * Design and implement backup and disaster recovery plans using tools such as Windows Server Backup, Veeam, and Azure Backup.
- * Monitor server performance and health using Performance Monitor, Event Viewer, and other diagnostic tools.
- * Experience in Office 365 administration including user management, mailbox setup, Teams configuration, and basic troubleshooting.

LINUX ADMINISTRATION:

- * Administer and maintain Linux-based servers (Ubuntu & CentOS) across production, development, and testing environments.
- * Manage users, permissions, and groups through LDAP, and implement role-based access control to enhance system security.
- * Automate routine server tasks using Bash and **Shell scripting**, optimizing workflow and reducing manual errors.
- * Monitor server health, performance, and security using tools like **Zabbix** and **Prometheus**.
- * Implement and manage firewall rules (iptables, firewalld) and SELinux policies for enhanced server security.
- * Develop and enforce **role-based access control (RBAC)** and attribute-based access control (ABAC) policies to ensure secure and compliant access.
- * Collaborate with cross-functional teams to integrate IAM systems with enterprise applications (e.g., ERP, CRM, HR systems).

Skills

Infrastructure & Systems: Windows Server (2019), Linux (Ubuntu, CentOS), Active Directory, LDAP, DNS, DHCP, Group Policy, Hyper-V, VMware

Networking & Security: FortiGate Firewall (600E/400E), FortiAnalyzer, FortiView, VPN, SD-WAN, LAN/WAN, VLANs, IP Subnetting, iptables, firewalld.

Cloud Platforms: AWS (EC2, VPC, IAM, S3, Route53, Load Balancing, Auto Scaling, CloudFormation, Lambda)

Containerization & Orchestration: Docker, Kubernetes (EKS, ECS), Jenkins

Monitoring & Automation: Zabbix, Prometheus, Bash Scripting, Shell Scripting, CloudFormation

Backup & Recovery: Windows Server Backup, Veeam, Azure Backup

Office 365: User Management, Mailbox Setup, Teams Configuration

Certifications

- Certified Solution Architect Associate (SAA-C03). AWS (FG8SL5H1XERQQZWR)
- Certified LINUX Administrator (Udemy)

Education

Gates Institute of Technology (JNTUA)

B.Tech in Computer Science and Engineering	2018
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Vivekananda Junior College	2013
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Z.P.H.S School	2011
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