

NJOH VALENTINE NDI

Certified AWS Solution Architect
certified Redhat Linux System Administrator



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🏠 Virginia, USA

SUMMARY

IT Professional with 6 years of experience in Systems and over 3 years of Cloud Administration/Architecture (AWS). Self-motivated & result-oriented certified AWS Solution Architect and certified RedHat Linux System Administrator with proven track record in Linux system administration and aptitude in working in hybrid IT environments. Infrastructure focused expertise with a strong grasp of maintaining system security, networking, architecture, troubleshooting system and application management. Highly skilled in developing solutions, procedures & service standards for project transformation and business excellence. Possesses in depth experience of designing effective solutions for cloud and physical deployment, transitioning multiple projects and ensuring seamless end to end delivery of services. My leadership ability and customer service background makes me a good team player, highly adaptive, creative with excellent communication skills. Highly robust individual adept at learning and implementing new technologies swiftly. Drives excellence in every project to deliver outstanding results.

LEGAL STATUS= PERMANENT RESIDENT (GREEN CARD)

LINUX SYSTEM ADMINISTRATION SKILLS

- User account management with fundamental procedures and best practices.
- systems installation , Network Administration and troubleshooting.
- configure local storage and create various file systems (disk partitions,LVM, xfs,ext2,ext3,ext4)
- operating running systems (linux boot process and it various boot targets)
- Design and manage System Security and compliance procedures including, access control, Backup and Recovery.
- Server Administration and Repair, Security Hardening (access control)
- Mixed-Platform Environments, Technical Infrastructure, LAMP, Virtualization, Workstation Installation/Configuration.
- Opensource Tools, User Training and Support, troubleshooting, vi editor, and hands on virtualization tools such as VMware, vSphere and ESXi.
- Red Hat Enterprise Linux (RHEL), Unix, CentOS, Windows ACTIVE DIRECTORY , TCP/IP; DNS; DHCP;NFS;AUTOFS,LDAP,
- KICKSTART server automated installation in an enterprise setup.
- Basic knowledge of logs analysis using tools like splunk.

CLOUD KEY SKILLS PROFICIENCY


--Designing and deploying scalable, highly available, Secure and fault tolerant systems in AWS using AWS Architectural best practices

- Tools/APPs: WordPress, Apache, tomcat,DNS, MySQL, File systems, Firewalls,
- AWS: VPC Designing including,vpc peering and VPN, EC2/Auto Scaling, S3 Life Cycle, RDS Clustering with Multi AZs, ROUTE 53 DNS Designing, CDN With cloudfront , IAM policies, JSON,
- Migration: using VM import/export and AWS Server Migration Service (SMS)
- Configuration/management/Programming Language: working knowledge of ansible, Jenkins, SSM,Shell scripting and JSON for IAM policies,yam

- security: Amazon Inspector, Amazon GuardDuty, WAF, SHIELD, NACL, SECURITY GROUP, IAM, KMS, Trusted Advisor
- Monitoring: AWS System Manager, CloudWatch, CloudTrail, AWS Config, including external tools like Nagios
- Platforms: AWS, Linux: RHEL, CentOS
- Virtualization: VMware, vSphere, ESXi
- Basic knowledge of DevOps Tools: Jenkins, Ansible, Puppet, Docker, Pipelining

PROFESSIONAL EXPERIENCE

CLOUD SYSTEM ADMINISTRATOR / Solution Architect

 Feb '17 - Present

SmarTek Partners , Manassas VA 20110

Manassas, US

www.smartekpartners.com

Environment: AWS Cloud

Technology: VPC, EC2, Auto scaling, ELB, SNS, Security , AWS Services EC2, RDS, EBS, S3, Amazon VPC, Route53, ELB, CloudWatch, Cloud Formation, Auto Scaling, SNS, CloudTrail, IAM

Project Description: Porting the clients infrastructure to AWS using various services like VPC, EC2, Auto scaling, ELB, SNS, Security , AWS Services EC2, RDS, EBS, S3, Amazon VPC, Route53, ELB, CloudWatch, Cloud Formation, Auto Scaling, SNS, CloudTrail, IAM , CodePipeline, CodeCommit , CodeDeploy.

- Performed security setup, networking, system backup and patching for both AWS, and on-premise.
- Architected a redundant, secured and high performant customers environment.
- Architect high availability environment with auto scaling in conjunction with S3 as code store and Route 53 as DNS records set.
- Established best practice data management RDS Primary in multi-AZs and read replicas in private subnets.
- Migration of critical servers to AWS cloud using VM Import/Export and server migration service with minimal downtime.
- Deployed CloudFormation templates for VPC built with private and public subnets coupled with EC2 instances as required.
- Peered VPCs with internal and external accounts for business use allowing access and routing to services and users.
- Configured SSL to terminate or offload at the ELB level for all applications and servers behind ELB.
- Monitored Network, CPU and Disk usage with CloudWatch coupled with alarm triggers and notifications for system administrators.
- Performed root-cause analysis of recurring issues, taking keen attention to system backup and system setup.
- Filtered functional/Management Security groups and NACLs traffic just as required by the application and its administrators.
- Secured SSH server for users to login with passwords and keys
- Performed applications installation, upgrades/patches, maintenance, and configuration changes using SSM. Or Ansible
- Deployed Wordpress website on Amazon EC2 Instance with Amazon RDS database
- Deployed and Configured Jenkins on Amazon EC2 Instance

Linux System Administrator

 Mar '15 - Feb '17


SWIFT TECHNOLOGIES (NIGHT SHIFT)

Bristow, US

- Monitored server applications performance tuning via various commands (vmstat, top, iostat, netstat, tcpdump).
- Tracked and reviewed operational performance data to identify areas requiring immediate improvement.
- Performed regular security monitoring to identify any potential attacks or intruders.
- Building and configurations of Linux server and virtualization using tools like VMware, vSphere and ESXi.
- Provides support to customers running RedHat Enterprise Linux on their workstations and simulation servers
- Identify and drive continual improvement program in Linux environment and improve the service efficiency
- Working closely with other IT departments to help determine and develop systems that will be implemented
- Worked with security applications and protocols such as TCP/IP, DNS, DHCP, NFS, NTP, VSFTP, AUTOFS, SSH and networking fundamentals.
- Set up user accounts, permissions and passwords, Access control and defined network policies and procedures.

- Configuration of Remote Access utilities, providing user access control on services like **telnet, ftp and ssh**.
- Answered problematic calls from customers and provided recommendations to my upstream for improvements where and when necessary.
- Managed Disk space and file systems, server performance, granting file access permissions.
- performed operating system patches and updates on a regular bases.
- Researched, recommended, configured and supported hardware and software for multiple departments.
- Supported, configured, maintained and upgraded customer networks and in-house servers.
- Configuring the **LVM** (Logical Volume Manager) and extended the logical volumes
- Used rpm and yum utils to install and manage.
- Kept flexible schedule and resolved after-hours and weekend emergencies quickly and accurately.

Linux SYSTEM ADMINISTRATOR

 Jan '14 - Feb '15

TAT GC SARL (Guinness Cameroun Partners)

Yaounde, CM

- Installation and Configuration of **Redhat Servers and CentOS**
- Reviewed and evaluated the performance and capacity of both virtual and physical servers
- Troubleshooted hardware and software problems, and taking appropriate actions with IT staff in performing complex testing, server recovery, support, and troubleshooting functions
- Performed linux administration, including changes, disk space management, application installations, and backups
- Created, maintained, and implemented detailed documentation, and standard operation procedures
- Managed disk space using logical volume management (LVM)
- Forecasted system demands and recommending system upgrade, expansions, and reconfiguration and their strategies
- Worked independently to maintain smooth operation of multiuser computer systems, including coordination with network administrators.
- Ensured that the technologies are updated with current, stable, compliant architecture and applications that meet enterprise standards.
- Managed multiple operating systems to share a single hardware host using VMware ESXI
- Installed, Configure, and deploy Linux servers.
- Installed system wide software, and performing system tuning for performance
- Installed applications such as Apache, Nginx, MYSQL and PHP on Linux Platforms.
- Patching and System upgrades on Linux servers using RPM & YUM utilities.

ADDITIONAL HOME LAB EXPERIENCE/PRACTICE

- Configuration of Network resources, adding & configuring Virtual NIC
- Software installation (nagios, zabbix, lampstack
- Building and configurations of Linux server and virtualization using tools like vmware, vsphere and ESXI.
- ip forwarding, network redundancy, disaster recovering
- setup and maintaining account, creating and managing password policies
- File Systems and Process management

SOFT SKILLS

- Excellent work ethic; Strong attention to detail; excellent troubleshooting skills
- Excellent skills in Prioritizing
- Excellent logical reasoning and analytical skills to effectively assess and communicate metrics
- Excellent communication skills; demonstrated ability to explain complex technical issues to both technical and non-technical audiences
- Excellent Analysis & Problem Solving Skill
- Demonstrated writing/communication, interpersonal and client relationship skills

OTHER SKILLS

- ACCOUNTING AND CUSTOMER SERVICE
- HUMAN RESOURCE MANAGEMENT
- ECONOMICS and BUSINESS MANAGEMENT
- MICROSOFT OFFICE (MS-WORD,MS-EXCEL,POWER POINT,PUBLISHERS)

EDUCATION

- Government High School Atiela (**High School Diploma**)
- Centre For Information Technology and Consultancy (**Vocational Diploma in computerized accounting and Human resource Management**)
- University of Yaounde II (**Some university courses**)

CERTIFICATIONS

AWS Architect Certification | AWS
Linux System Administrator | RedHat