SUNDEEP A KOTA

10 Sibthorp Street Lincoln, Lincolnshire, United Kingdom LN5 7SH | 07438380566 | sundeepakota@gmail.com

LinkedIn: www.linkedin.com/in/kotaas

education

MS: Information Security & Digital Forensics   Mar 2012
Coventry University   Coventry - UK
  * Dissertation in [Compromised Linux Server Investigation)]

BE: Mechanical Engineering   Nov 2009
JNTU   Hyderabad India

professional summary

Technical-savvy and solutions-focused professional with over nine years of experience in the information technology industry. Solid history of success in delivering best-in-class technical solutions to multiple networks and systems infrastructures. Well-versed in spearheading operational activities of multiple technical projects from start to finish within agreed budget and constraints. Possesses expertise as Systems and Network Engineer with a strong background in DDI, shell scripting, DevOps and Python. Leveraging a hands-on approach to root-cause analysis and troubleshooting efforts to solve technical issues. Skilled in working with cross-functional teams to attain collective technical goals. Demonstrated communication and presentations skills, with an innate ability to nurture and strengthen working relations with key clients and co-workers.

work history

Senior Systems Engineer   Apr 2020 - Mar 2023
Walmart   Bengaluru, Karnataka
Drive significant challenges of transitioning on-premises DDI to cloud-based solutions including installation of Infoblox nodes on Google Cloud Platform and Microsoft Azure and automation of their build configuration with Terraform.

Key Achievements:
  * Conceptualize Azure hybrid Domain Name System, Pin traffic to its own Data Center to stop communications between Data Centers.
  * Testing WONS (Walmart Open-Source Name Servers) project on private cloud to replace store secondaries and reduce Infoblox's footprint.
  * Attained recognition for controlling 25000 Walmart Store and distribution center servers and 600 Infoblox servers that form 75 Grids.
  * Conduct capacity assessment and tech refresh of Infoblox Grids at major Data centers. Apply changes to store chain via Ansible & Concord
  * Streamlined migration of CENTOS/SUSE to RHEL.
  * Reduced manual-repetitive tasks by producing Python scripts by Rest API.
  * Decreased DDI footprint and replaced store secondaries leading operational activities of opensource server project within constraints.

Lead Technical Specialist   Jan 2017 - Apr 2020
Standard Chartered   Chennai, India
Dealt with full upgrade process across the SCB estate, involving 80+ devices in GRID with prior tests in lab environment. Maintained in-depth knowledge of appliances TE-100, TE-810, TE-1410, TE-2220, and ND-4000 along with log analysis and Wireshark. Part of Network Access Control implementation team to enable 802.1X across the globe. Facilitated information security team in assessing any suspicious transaction of possible spoofing. Controlled all endeavors regarding implementing RBAC across SCB

estate based on L1 and L2 level of usage, while crafting detailed technical documents and switch port configurations.

Key Achievements:

- Played a leading role in installation of Trinzic Infoblox appliances across estate from racking/stacking appliance until migrating to core IP services.
- Supervised migration activities of 60+ countries DHCP service from Microsoft to Infoblox, utilizing DIW to the core and generating CSV files from local DHCP servers.
- Completed execution of HA pairs, GMC configuring Failovers for countries based on Hub and Spoke architecture.
- Endured timely and accurate DDI migration from internal AD based zones/child zones to Infoblox with meticulous care.
- Setting up and debugging the EIGRP, OSPF, and BGP routing protocols.
- Creating and troubleshooting switch port security, VLANs, HSRP, VRRP, VTP, STP, PVSTP, and other protocols.
- High-end technical assistance provided for designing and expanding the firm network and for configuring a number of access rules on a regular basis to support network functioning.
- Experience with Cisco Networking Products such as Routers, L2/L3 Switches, and Cisco Security Appliances

Field Support Specialist   Jan 2016 - Jan 2017
NCR   Chennai, India

Led efforts towards deploying, managing, and troubleshooting of DNS, DHCP, and IPAM. Applied DDNS Proof of Concept to control Microsoft DNS and DHCP. Displayed outstanding understanding of Trinzic appliances TE-100, TE-810, TE-1410, TE-2220, and Insight ND-4000. Offered active functional support to test/lab and production environments, while documenting request/incidents. Created TID (technical Implementation documents) and ensured switch port configurations. Introduced effective utilization of Infoblox csv import tool for improved productivity and mass updates.

Key Achievements:

- Completed Infoblox – GRID upgrade from older to higher version with 80+ GRID Member and HA-GRID Master.
- Installed new Infoblox devices in SCB data centers in 60+ countries & refresh of TE-1050 devices to TE-1410.
- Aligned and monitored migration process of core DNS, DHCP services from Microsoft to Infoblox.
- Credited for executing and configuring as well as troubleshooting of Infoblox DDI – DHCP, DNS, and IPAM.

Sr. Associate, Network SVCS Maintenance   Aug 2014 - Jan 2016
AT&T   Hyderabad, India

Client: UBS Banking

Transitioned from CSC

Network Maintenance Engineer   Aug 2013 - Aug 2014
CSC India Pvt. Ltd.   Hyderabad, Telangana

Conducted root cause analysis by assessing logs (Syslog's & debug logs) and traffic captures analysis of entire 'grid' communications. Provided appropriate resolutions to enquiries within the prescribed SLA, while ensuring nil escalations. Aided Infoblox appliances grid environment and IP address management tools (IPv4) and daily BAU troubleshooting issues specific to DDI and maintenance of Infoblox Grid.

Key Achievements:

- Recognized for dinging VIP pools, nodes, and custom iRules for virtual servers, such as cookie persistency and redirection of URL
- Bridged communication gap with application teams to facilitate in their load balancing and DDI solutions.
- Controlled tier- 2 supports, BMC remedy tool, NMS ticketing system, network troubleshooting, and SLA's.

- Gained, improved, and maintained knowledge and experience of hosting SSL certificates on F5 platforms.
- Managed the installation, configuration, and administration of Cisco equipment inside the organizations IT architecture.

certifications

Associate Cloud Engineer- GCP.
Microsoft Azure Administrator -104.
Infoblox CDCA.
Core DDI Python Scripting
F5 101.
CCNA.
EC Council Certified Ethical Hacker.
EC Council Certified Security Analyst.

technical proficiencies

Hardware/ Software:
Infoblox .   : 8XX,14XX,22XX,40XX
Cisco   (R&S) : 2950, 3550, 4500, 6500, 9300, and 9500.
Cisco   ACS   : 5.6 1121 / 3415
Firewall   : Palo alto, Cisco ASA 5550 & 5555, Net Screen-ISG 1000,
Virtualization: VMware/Hypervisor.