ROBY K.S

NETWORK-SECURITY/SECURITY-ENGINEERING ARCHITECT

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EDUCATION

UNIVERSITY OF CALICUT
GPA: 59.4
Thrissur, Kerala

Bachelor of Technology Electronics & Communication (Jun 2007)

SNM HIGHER SECONDARY SCHOOL
GPA: 85.00
Cochin, Kerala

High School Diploma (Mar 2003)

ST.ANNE'S HIGH SCHOOL
GPA: 94.00
Thrissur, Kerala

SSLC (Mar 2001)

ADDITIONAL SKILLS

Network Security
Cisco Firepower
Cisco ACI/APIC
Zero trust Netskope
Palo Alto
Zscaler
Fortigate
Loadbalancer

Adaptable professional with 17 years of experience and a proven knowledge of Security Engineering & Architecture, Service Delivery, Client Servicing, Security Framework, Infrastructure Management. Resourceful in designing and implementation of security solutions for on premise data centers, branch offices, and public and hybrid cloud deployments. As a network security Architect, I have worked on designing and deployment of data center security solution considering all requirements of customer, following standard security practices involving stakeholders with the accountability of informing them on future scenarios, maintaining key relations with clients by acquiring feedback on critical issues and taking suitable actions to ensure end to end positive feedback. Worked for achieving customer & network team and proposed and deployed solution as per business requirement in Agile standard. The major responsibilities include analyses of existing environment, proposing new datacenter design document, High & low level design, WBS, build plan, deployment of the new solution, build documents, hardening the security devices as per the security technical standards, migration approach plan, knowledge transfer to BAU team & handover. A

EXPERIENCE

Security Engineering Senior Engineer
Telstra Dec-2021 – Present

Zero Trust Architecture deployment
Business continuity Planning /DR activity and testing.
Zero trust Netskope Private Access / Publisher deployment and management
Vulnerability Solutions like Netskope Cloud Exchange
Micro, nano segmentation, Solutions like Illumio Deployment and strategy
Cisco Firepower(FMC/FTDs) Deployment and management
Legacy firewall migrations to Next Gen FWs

Network Security Architect
Alstom India, *Bangalore*, *Karnataka / Apr 2019* – *Apr-2022*

PCNSE-Palo Alto 7 Certified 2017
Netskope certification
ITIL® Foundation Certificate in IT
Service Management
Zscaler Certified Cloud
Administrator - Internet Access
(ZCCA-IA)
CCIE Routing and Switching
(Written) 2012 - lab failed

- • Securing the All Lab/shop-floor Devices by migrating behind the Firewalls to ensure security • Firewall architecture preparation for new Site Firewalls. • Bandwidth control rule optimization for applications on Cloud Firewall(Zscaler). • Defined standard Security rule set which can be commonly used across multiple lab/shopfloor sites. • Inter/infra resiliency between Data centers • Remote connectivity between multiple partners are provided by different solutions like IPSEC VPN, pulse secure VPN, Citrix, Loadbalancer and Azure proxy. • Internet connectivity for All users are supported with Fortigate and Zscaler Solutions • Good experience in Zscaler client connector solutions. • Network security points are tracked and mitigated. • Optimization and cleanup for FWs using Fortimanager and Skybox for performance and security • Regular review and optimization Zscaler security risk points.

Technology Advisor
Accenture Solutions, ***Bangalore***, ***Karnataka / Nov 2015*** - ***Mar 2019***

- • Team lead for Network security operational • PCNSE 7 Certified in Palo Alto • Appointed as Technology Advisor for Palo Alto in Accenture (This is a position for technology experts in Accenture, there are only 69 Technology Advisor across Accenture India) • During the Skill Interviews, rated as P4-expert in Palo Alto Skill. • Implemented the Cloud Palo Alto solution in Cloud data center • Managing Data center firewalls and Panorama • Managing 90 location firewall having High availability setup • Experience in Optimizing tools like Algosec and Palo Alto Migration Tools as a performance improvement in Firewalls • Handling escalated issues and Priority 1 & 2 issues • Deployment of new Palo Alto firewalls and replacing RMA firewalls and Panorama • Configured Log collector mode in Panorama • Done multiple automation in Palo Alto Related Area coordinating with multiple tools like Solarwinds: For Ex: HA Alerts automation Backup scheduling in Palo Alto and Alert for Success and failures. • Migration from check point to Palo Alto • High availability configuration in Palo Alto • Experience in latest 8.0.x version Palo alto and panorama • Implementation and troubleshooting of wildfire • Implemented Threat and url profiles in Palo Alto

Technical lead
Wipro Technologies pvt ltd, ***Hyderabad***, ***Telangana / Jul 2014*** - ***Nov 2015***

- • Migration of other vendor firewalls like cisco ASA to Palo Alto. • Transition control of one company to other (network security) • Web sense to Palo Alto migration • Threat Analysis and prevention suggestion • Wildfire(zero day threat) prevention analysis • Setting up new firewalls. • Cluster (High availability) setup implementation on firewalls • Setting up Palo Alto VMware firewalls • Approvals for change management in firewall • Troubleshooting Escalated issues related to firewall. • Panorama administrator who manages 300 Palo Alto firewalls. • Good knowledge in handling Pa-5050, 40xx,30xx and VM series devices. • Panorama VM to M-100 migration • Creating KB articles as knowledge sharing. • Managing 25-member team from offshore. • Handles the responsibility of hiring new members to offshore and onsite teams.

Senior Network Engineer
CSS Corp Pvt.Ltd , *Chennai*, *Tamil Nadu / Jun 2012* - *Jul 2014*

- • Managing the installation, configuration & maintenance of Palo Alto Networks • Diagnosing and troubleshooting the issues related to Palo Alto Network firewalls • Replicating the scenarios in lab as per the client's topology and configuration by setting up the • Firewall and Secure Access Policies similar to production environment. • Collecting the logs required for analysing the issue if the feature is not working as designed. • Conducting thorough study of Tech-support file, Traffic captures, Debug logs, client and • Server side logs, using various network analysers like wire-shark to find the root cause • Analysis (RCA) of problems. • Updating cases according to the SLA and Client Priority. • Timely escalation of cases and making sure all the Clients are 100% satisfied on the support. • Providing on Technical and Product Specific training for the new engineers who joins the Project. • Creating and editing the Knowledge base articles related to Palo Alto Networks. Worked on Brocade Routers(Vyatta)

Network Administrator
Inet Infotech, *Cochin*, *Kerala / Jun 2010* - *Mar 2012*

- • Installation and Maintaining Local Area Network in the office. • Ip address management and subnetting over network • Strong experience in 12.15 IOS • Strong experience in routing protocols rip,ospf,eigrp and bgp • Experience in implementing wan technologies. • Troubleshooting vlan and layer 2 issues • Implemented technologies for redundancy and load balancing over network • Experience in managing DHCP server •

Managing user profiles with proper assignment of rights on resources. • Taking the back-up (such as Daily, Weekly and Monthly of the entire client PCs. • Provided technical support to the entire organization on software and hardware's. • Updating Operating System, Antivirus, Service and Packs. • Installation and up-gradation of hardware and software.

System Administrator
Syntrio Technologies Pvt Ltd, *Trivandrum*, *Kerala / May 2008* - *May 2010*

- • Administered, secured and supported Linux servers • Worked as Layer3 and Layer 2 Engineer • Advanced Troubleshooting and technical support abilities with migrations, network connectivity, • Security and database applications. • Hardware firewall management and handling website abuse issues • Tweaking and performance tuning of Webservers • Kernel up-gradation and customization • Advanced nagios management and configuration customization. • Worked on Ticket based helpdesk system • Great knowledge in webhosting control panels like Cpanel,pleask,helm,dotnetpanel • Worked as layer2 support for Widows webhosting servers • Worked with Mail servers exim and Smarter mail • Performed Account, email, server migrations