

SHIBU CHERIAN

MCA || CCIE || CISSP || CISM || ITIL EXPERT || CCNP || MCSE



Manager – Network & Security, Union National Bank, Abu Dhabi, UAE

Network & Security Manager | Network & Security Architect | Network & Security Consultant

Location Preference: Abu Dhabi & UAE | Industry Preference: Financial Services & IT

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Executive Profile

Network & Security Manager, with 14.6 years of strong hands-on experience who Provides Network and Security experience, knowledge and solutions in a Network & Security diverse environment. Protect Confidentiality, Integrity and Availability of Information and Information Systems. Advice & Manage Highly Available & Secure IT Infrastructure solutions for business opportunities by adhering to industry validated standard design principles and best practices.

Currently associated with **Union National Bank as Network & Security Manager**. To ensure the stability and integrity of in-house data network & security services. This is achieved by planning, designing, developing & managing Local Area Networks (LANs) and Wide Area Networks (WANs), Virtual Private Networks (VPNs), Data Center Infrastructure, VOIP Infrastructure & the Network Security Infrastructure across the organization. In addition, participating with the installation, monitoring, maintenance, support, and optimization of all network hardware, software, and communication links. Also analyzing and resolving network hardware and software incidents and problems in a timely and accurate fashion.

Manage & Work closely with principle vendors, partners, service providers, project team members and senior management in order to handle project execution & related documentation in line with corporate standards. Managing PCI DSS Certification, handling Internal & external Audits, Successful Closure of VA, PT, CCM, RA findings.

Academic Details

- ✪ **MCA** (Master of Computer Applications) from K.L.N College of Engineering, Madurai Kamaraj University, India in April 2004
- ✪ **B.Sc** (Bachelor of science) from BVM Holy Cross College, Mahatma Gandhi University, India in April 2001

Certifications

- ✪ CCIE Security – (CCIE # 53991)
- ✪ CCIE DC Written (CISCO ID# CSC010883573)
- ✪ CISSP – (ISC)² MEMBER # 601382
- ✪ CISM – (ISACA ID # 1152803)
- ✪ ITIL Expert – (Candidate # 9980076532679973)
- ✪ CCNP – Routing and Switching & Security (CISCO ID# CSC010883573)
- ✪ MCSE – Microsoft Certified Systems Engineer (MCP ID # 325062)

Rewards & Recognitions

Received appreciation from:

- Received Certificate of Appreciation for contributing towards successful implementation of Core Banking System (T24) from the CEO of the Union National Bank
- Received High Flyer Award for the passion, hard work and exemplary commitment from the CEO of the Network Solutions Pvt Ltd (An IBM Company)

Key Impact Areas

Network & Cyber Security Architecture	Understanding of Business, Process & Compliance
Network & Cyber Security Management	Keep Current on New & Emerging Technology
IT Project Management & Execution	Develop Strategic Plans for IT Infrastructure
Audit & Compliance Management	Manage Technology Vendors & Stakeholders
Technical Troubleshooting & Operations	Team Building, Coordination & Direction

Key Skills



Recognized for excellence performance, client management and stakeholder management across career

Technical Skills

Cisco Network Products: Nexus 7K, Nexus 5K, Nexus 2K, Routers, Catalyst Switches, Firewalls, IPS, WLC, ACS, ISE, WAP, WSA, PRIME, DCNM, LMS, IME, Cisco IOS, IOS XE, NX-OS

Security Products: Cisco ASA, Check Point, Palo Alto, Fortinet, F5 LTM, GTM, ASM, Aruba Clear Pass Policy Manager, Microsemi NTP Server, Citrix Netscaler, Bluecat IPAM, Avaya SBC, Juniper ISG

Layer 3 Technologies: Static Routing, RIP, RIPnG, EIGRP, OSPF, BGP, IPv6, Policy Based Routing, Route Filtering, Redistribution, Summarization, IP SLA, CoPP, ACL

Layer 2 Technologies : VPC, Fabricpath, VXLAN, OTV, Port Security, MACsec, ACL, VLAN, VTP, Trunking, STP, RSTP, MSTP, Ether Channel, HSRP, GLBP, VRRP, UDLD, Dot1x, IBNS, PVLAN, WCCP, VSS, DHCP Snooping, DAIR, IP Source Guard, Flow Control

WAN & VPN Technologies: IPSec LAN-to-LAN, SSL VPN, DMVPN, Any Connect VPN, GET VPN, MPLS, Leased Line, QoS SD-WAN

Professional Experience

Union National Bank (UNB), Abu Dhabi, UAE
Manager - Network & Security 18/12/2011 ~ Till Date



Key Result Areas:

- Re designed HO & DR Data Center & migrated flat legacy Network Infrastructure to the Highly Available & Highly Secured Industry standard Ten Gigabit Data Center
- LAN & WAN, VPN & Security Layers Migration & Implementation
- Secure Wireless Implementation for HO, Overseas & Branches Network
- NAC Implementation for HO, DR, Branches & Overseas Network
- F5 LTM, GTM & ASM Migration for secure & high available application delivery
- Overseas & Intermediate layer Firewall Migration with UTM features
- Perimeter Firewall migration with all the Security Features
- Technical Lead / Project Management for Internal Network & Security Infrastructure Projects
- PCI DSS Certification, Successful Closure of VA, PT, SCM, RA, Internal & External Audits
- Re Design & implementation of Avaya IP Telephony Systems
- Manage & Work closely with principle vendors, partners, service providers, project team members and senior management in order to prepare adequate project execution & related documentation in line with corporate standards
- Well utilize industry standard best practices, developing supporting practices, work instructions, DRP Documents, standard operational procedure, security hardening documents and other related guidance for best practices and security hardening Application Architecture document etc
- Establishes networking environment by Designing, Configuring and directing installing various network devices and services (e.g.; Routers, Switches, Firewalls, Load Balancers, VPN Gateways, NTP Server, UTM, IPS, NAC, Wireless Controllers, GTM etc) and defining, documenting, and enforcing Industry validated design standards & Security hardening of the Systems using best practices.
- Maximizes network performance by monitoring performance; troubleshooting network problems and outages; scheduling upgrades; collaborating with network architects on network optimization. Ensure secure network system by establishing and enforcing security policies; defining and monitoring access.
- Responsible for the implementation, maintenance, and integration of the corporate WAN, LAN, WLAN, VPN & Data Center architecture also be responsible for implementation and administration of network security hardware and software, enforcing the network security policy and complying with requirements of external security audits and recommendations.
- Performing analysis of network security needs and contributes to design, integration, and installation of hardware and software.
- Analyzing, troubleshooting and correcting network problems Maintaining and administering perimeter security systems such as Firewalls, UTM, NAC, IPS, Web Gateways etc
- Maximizing network performance by monitoring performance, troubleshooting network problems and outages, scheduling upgrades and collaborating with network architects on network optimization;
- Provide Level 3 support and comprehensive troubleshooting to resolve issues
- Engineering, implementing and monitoring security measures for the protection of computer systems, networks and information
- Identifying and defining system security requirements
- Designing computer security architecture and developing detailed cyber security designs
- Liaise with principal vendors, partners, top management and other IT personnel for problem resolution & project management
- Focal point for IT deliverables for major Network & Infrastructure projects and acting as Project Lead / Project Manager
- Technical Lead / Project Management for Internal Network & Security Infrastructure Projects
- PCI DSS Certification, ISMS, Successful Closure of VA, PT, CCM, RA, Internal & External Audits
- Strong experience in Design, Implementation, Administration and Management of Network, Security & Data Center Infrastructure
- Built a high available, fault tolerant, Ten Gigabit Network & Security infrastructure resulting in zero down time to date
- Excellent configuration and trouble shooting skills, security auditing, Network & Security assessment, performance

- measure and monitoring the Network & Security Infrastructure
- Expert for providing support of Network Security, LAN, WAN, WLAN, VPN & Data Center Infrastructure & Migrations
- Evaluates, Assesses and recommend new network solutions that would enhance security posture, availability, scalability of Network & Security Infrastructure.
- Experience in intrusion prevention, vulnerability analysis, web application security, incident response & forensics, malware, bonnet, threat analysis, web filtering and risk analysis
- Configure and maintain all the Network & security peripherals to meet the security compliance as per industry standards
- Analyze the Network performance & fixing security issues through the use of various network monitoring tools and ability to do capacity planning
- Manage & Work closely with principle vendors, partners, service providers, project team members and senior management
- Create enterprise network standards and roll out standards for site network design
- Strong Experience & Led multiple successful implementation of Network, Security and Voice projects

Professional Experience

National Bank of Abu Dhabi (NBAD), Abu Dhabi, UAE
Network & Security Consultant, 27/09/2010 ~ 30/11/2011
Deployed By RAS InfoTech Limited, Dubai



Highlights:

- Actively involved the migration activity of the NBAD Branches & ATM Network from the Frame Relay to the MPLS Network successfully
- Designed & Migrated LAN with Port-Based Traffic Control using Configuring Storm Control, Configuring Port Security, Defining the Maximum Secure Address Count, Configuring and Enabling Port Security Aging, DHCP Snooping, IP Source Guard & Dynamic ARP Inspection
- Vulnerability Assessment, Vulnerability closure, Capacity and Performance management, Configuration of the new devices, Security Compliance reviews

Professional Experience

IBM - Netsol (Network Solutions (P) Ltd - An IBM Company, Bangalore, India
Network Engineer - L3, 09/04/2008 ~ 17/09/2010



- Managing, maintaining, integrating and troubleshooting IBM-Netsol Head office Network and Security infrastructure
- Manage & maintain the ITCS and IES Certified Network adhering to IBM corporate standards. Doing the SHC (Security Health Checking) quarterly, Security Compliance and IES (Inter Enterprise Services) certification for the Network devices and Network Design and attending the internal, external, Global and Business Control auditing based on the defined processes and ITCS IBM Corporate Security standards.
- Handling and the owner of the IES approval process, Systematic Attack Detection process and Security Incident and Issue process and make sure that the Network is secure
- Following the Change Management approval process based on ITIL standards, reviewing and analyzing the SAD log, Syslog, IPS Log, ACS logs, SAV Log, Firewall Filter Rule review & Configuration Review of Network Devices
- Analyze the Network flow using the IP Meter and report the violations to the Higher Management and take the necessary actions based on the severity and close the vendor, OS and product related vulnerabilities within the defined period of time.
- Designed and implemented a new Network/Security setup for the ERMIS NOC Project

Professional Experience

Hewlett-Packard (HP) Global Soft India (P) Ltd, Bangalore, India
Network Engineer, 03/10/2006 ~ 20/09/2007
Deployed By Elogic and Adecco



- Manage, integrate, monitor and troubleshooting HP Bangalore GDIC Network which used Cisco 6509 at core layer, 6506 at distribution layer and 4506 at access layer
- Set up uses OSPF as the Layer 3 routing protocol at core and distribution layer
- Creation and setting up of project based VLAN and checking the connectivity. Implementing VTP, STP, Ether Channel and inter VLAN communication
- IP address management and co-ordination with Service providers like Reliance, TTSL, Bharati Airtel and BSNL

Professional Experience

JRG Wealth Management Ltd, Cochin, Kerala, India.
Network Administrator, 07/06/2004 ~ 26/09/2006



- ⚙ Configured, installed and maintained Cisco routers 2821, 2500, 1800 series routers and 3550, 2950 series switches
- ⚙ Design and administration of LAN in Windows 2000 and Windows 2003 Servers with more than 250 Windows based Workstations
- ⚙ Routine likes Virus protection, Mail Server administration. Performed system monitoring, performance tuning, remote administration, system backup and recovery.
- ⚙ Real time experience with IBM Blade Servers and HP Proliant Servers. Monitor, maintains and troubleshoots the head office network



Personal Details

Date of Birth: 10th August 1979 | **Passport:** H9593151 valid up to 12 Aug-2020 (India)

Languages Known: English, Malayalam, Hindi & Tamil

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