Mohammad Khabir Uddin

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Academic Qualifications

Session 2006-2007: B.Sc. in Electronics and Communication Engineering (ECE)
Khulna University, Khulna, Bangladesh.
Secured 3.37 CGPA out of 4.00 with Telecommunication major.

Professional Certification

1. Eccouncil certified me as **E|CSA(Eccouncil Certified Security Analyst)** as all requirements and criteria for said certification through examination were successfully completed.
Certification Number: **ECC93298374538**
Exam date: **21th December,2013**
2. Eccouncil certified me as **C|EH(Certified Ethical Hacker)** as all requirements and criteria for said certification through examination were successfully completed.
Certification Number: **ECC961022**
Exam date: **22th of April,2011**

Technical Knowledge

System Administration

- Hands-on working experience on System Administration and configuration knowledge on **firewall, Squid Proxy, Sendmail,Postfix, Apache,Nginx,HaProxy,bind9, DNSSec, DHCP, FTP, Syslog, MySQL,MariaDB,Nagios,MRTG,SNMP,OpenSSL,Openswan,Strongswan VPN** etc on **Red hat Linux,CentOS, Debian, Ubuntu, OpenBSD, FreeBSD operating system.**
- Knowledge on **Networking** and **package management** on **Solaris 10** OS.
- Knowledge on cloud computing using **Openstack** (Keystone,glance,rabbitMQ,Nova,Nova-compute and horizon)
- Working knowledge on **Linux container** and networking using **LXC,Vagrant** and **Docker.**
- Knowledge on Virtualization using **VmWare** and **VirtualBox.**
- Working knowledge on configuration management tool **Ansible** and **Saltstack.**
- Working knowledge on **version control system** using **git.**
- Working knowledge on **Bash scripting** and **Python.**

Computer Networking

- Experienced on **routing (OSPF,RIP,EIGRP,BGP** and static etc) and **switching** using **cisco,juniper** routers,switches and **quagga,vyatta,VyOS** in linux.
- Hands on experience of providing network security, access-control, policy build-up, routing, switching, natting, filtering, User Authentication, configuring vpn (ipsec), load balancing etc using **cisco ASA, juniper SRX, Checkpoint, PaloAlto, fortigate, pfsense, Astaro Linux** and **Mikrotik.**
- Hands on experience on natting, gateway, redirection, access control, traffic shaping, bandwidth management using **Pf** on **OpenBSD, FreeBSD** operating system.
- Knowledge on **Wireless Networking** configuration and WEP,WPA security technique .
- Knowledge on **Bandwidth Management** in Mikrotik, **HTB** in Linux, **ALTQ** on BSD operating systems.

Security

- I have experience on **Network Security operations, monitoring and management** along with vast knowledge on **TCP/IP, packets analysis (Wireshark,Tshark,Xplico, tcpdump etc)** and **IPS/IDS** tools **(Snort,psad)** along with other security tools **(Nmap,Nessus, Nexpose, OpenVAS, Metasploit, Burp suit** etc) included in **Backtrack/ KaliLinux/ Blackbuntu/ SecurityOnion** security distro.

- I have also expertise and experience on **maintenance of the security policy, standards and procedures, review firewall rules, recommend required actions, penetration testing and vulnerability assessment.**

Working experience

1. Worked as **Senior Officer** (promoted from Officer) at Information Technology Department in **Prime Bank Limited** from 1st January, 2013 to 15th May, 2016.

Prime Bank Limited
119-120,Adamjee Court Annexe Building-2
Motijheel Commercial Area
Dhaka-1000, Bangladesh.
Phone: +88-02-9567231,PABX:+88-02-9567265 EXT 226
Email: info@primebank.com.bd
website: http://www.primebank.com.bd

- Responsible for managing, troubleshooting and maintaining the Linux servers (Rhel5, Centos6) in the central data center (CDC).

- Responsible for applying operating system updates, patches, and configuration change as well as to monitor the system's health, performance and troubleshoot to keep them up and running.

- Responsible to configure and monitor the network connectivity between central data center (CDC) and various branches nationwide by the means of routers and switches.

- Responsible to configure and monitor the network connectivity between central data center (CDC) and Automated teller machine (ATM) at various locations nationwide.

- To conduct vulnerability assessment and penetration testing for the bank to ensure the security of the system and network as well as prevent security breach by installing various security patch and system up-gradation to keep the system up-to-date.

2. Worked as **Officer** at Information Technology Department in **Prime Bank Limited** from 12th May, 2010 to 31st December,2012.

3. Worked as **Asst.System Administrator** in **Media & Multimedia**, one of the fastest growing ISP in Bangladesh from 15th April,2008 to 5th May, 2010.

Media & Multimedia
House# 431 (5th floor), Road# 30,
New DOHS Mohakhali, Dhaka-1206, Bangladesh.
Tel: +88-02-8829747, +88-02-8823444
Email: info@mailbangla.net
website: http://www.mailbangla.net

- To provide Windows/Unix/Linux administration, Network operating center (NOC) administration, LAN/WAN/VPN administration, VMware administration, and intrusion detection and prevention (IDP) implementation and monitoring.

- Had to manage Firewall Using iptables(in Linux/Unix), Setting Up Proxy server in both Unix and MikroTik Routers, Setting Up Mail server(Sendmail and Postfix), Setting Up Web

server(Apache and Nginx), Setting Up a DNS server(Bind), Setting up DHCP server, Setting Up a DHCP server, Setting Up a FTP server in both Linux/Unix.

- I was responsible of allocation of Bandwidth and Internet Protocol Address (IP address) among in-house and client infrastructure by mean of both windows and Unix(Linux and MikroTik Routers).

- It was on me to setup, maintain and monitor organization's and clients wireless network by setting wireless access points and wireless clients.

- I Managed system security through setup and ongoing maintenance by IDP software, various patch and latest software and anti-virus as well as hardened security of both in-house as well as client's vulnerable network with robust security through joint architecture of firewall and snort.

Personal info & Interest

I started learning Linux and Cisco Networking and switching during my B.Sc level back in 2006. Through the year I have devoted myself to learn various firewalls,routing and other linux and BSD operating systems. My **eight** years of practical experiences on networking and system and security administration skills helped me a lot to become **C|EH(Certified Ethical Hacker)** then **E|CSA (Eccouncil Certified Security Analyst)** certified. I had also conducted **vulnerability assessment** and **penetration testing** for organizations. Most of the time now, beside my job, I spend cracking vulnerable OS(Kioptrix, pWnOS etc) by tools included in Kali Linux (Metasploit, nmap, nessus, openvas etc). Firewalling(juniper, cisco ASA, paloalto, checkpoint etc) and automation (shell scripting, ansible) intrigue me also. I also like to learn new things and some of my works can be found on my github account (https://goo.gl/5AkcFo).