

MUHAMMAD MOINUR RAHMAN

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EXPERIENCE

Senior Network Engineer

DZCRD Networks Ltd

February 2016 – Ongoing Dhaka, Bangladesh/Dubai, UAE

- Provide design, deployment and support service for large scale critical network and cloud infrastructure specially for Governments projects in Bangladesh and United Arab Emirates
- Provide design, deployment and support service to clients for large scale critical network and cloud infrastructure and migration assistance from cloud based infrastructure like AWS or Rackspace

Head of Core Network

1Asia Alliance Communication Ltd

November 2012 – January 2016 Dhaka, Bangladesh

- Managing and maintaining the core IP network(Consisting of high end Cisco 12000 and ASR-9000 Routers running both Cisco IOS and IOS XR) and server systems of an ITC(International Terrestrial Cable) serving around 120 GBPS of Internet Traffic from around the world(PoPs in Singapore, London and NewYork) to the clients

Senior Engineer - Network and Systems

Telnet Communications Ltd

November 2007 – October 2012 Dhaka, Bangladesh

- Managing and maintaining the MPLS/IP Network(Consisting of more than 150 Cisco Metro Ethernet Switches and 15 Cisco 7200 Routers) and server systems of a nationwide ISP serving Enterprise clients with Internet and Data Service in both Layer 2 and Layer 3.

Engineer - Network and Systems

Gallactic Information & Technology

September 2006 – October 2007 Dhaka, Bangladesh

- Providing clients with consultation on network and server set-up and management to enable smooth functionality according to intended design. Assessing in house and client IT requirements; visualizing probable IT growth and recommending appropriate actions and requirements for future expansion.

VOLUNTARY CONTRIBUTION

APNIC

Community Trainer

September 2015 – to date

- Contributed as a Community Trainer in various topics including Routing, IPv6, MPLS, Linux System Administration, Network Security, Virtualization
- "Advanced System Administration and Network Security", bdNOG11, Dhaka, Bangladesh, 2020
- "IXP Deployment", INNOG2, New Delhi, India, 2019
- "Network Security", npNOG4, Kathmandu, Nepal, 2018

TECHNICAL STRENGTH

Unix/Linux System Administration

TCP/IP Routing & MPLS in IPv4/IPv6

Follower of DevOPS Philosophy

Cloud, Virtualization and Software Defined Infrastructure

Development Contribution in Open Source Softwares

SKILLS



EDUCATION

B.Sc. in Computer Science

American International University - Bangladesh

Sept 2003 – August 2006

- "Linux Server Administration", APNIC44, Taichung, Taiwan, 2017
 - "IPv4/IPv6 Routing and IXP Operation workshop, APNIC@MyIX, Selangor, Malaysia, 2017
 - "Introduction to MPLS", APNIC@MyIX, Selangor, Malaysia, 2016
 - "MPLS Deployment", APNIC40, Jakarta, Indonesia, 2015
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The FreeBSD Project, Ports Committer

Open Source Unix Operating System

📅 February 2014 – Ongoing

- Maintaining around 500+ FreeBSD ports. (bofh@FreeBSD.org). Fix bugs and manage related tickets in the Bug Tracking System(BugZilla). Submit Code review for ports and codes maintained by other in the Code Review System(Phabricator).
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The FreeBSD Project, Core Team Secretary

Open Source Unix Operating System

📅 July, 2020 – Ongoing

- Documenting the work done by core, keeping track of the core agenda, contacting non-core members on behalf of core, sending mail to core, and interfacing with the admin team for committer/account approval.
 - Responsible for writing and sending out monthly status reports to the FreeBSD Developer community, containing a summary of core's latest decisions and actions.
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bdNOG/SANOG/APRICOT/MyNOG/MyIX

Network Operator Group

📅 February 2014 – to date

- Acted as a member of the Program Committee

👥 Workshop as Instructor

- "Network Security." (Aug. 2018). In: INNOG1 (New Delhi, India).
 - "Network Security." (Aug. 2018). In: SANOG32 (Dhaka, Bangladesh).
 - "Network Security." (Feb. 2018). In: APRICOT 2018 (Kathmandu, Nepal).
 - "DevOPS 101 for Network Engineers" (July 2017). In: SANOG30 (Gurgaon, India).
 - "IPv4/IPv6 Routing" (Jan. 2016). In: SANOG27 (Kathmandu, Nepal).
 - with, Martin Wilke (May 2016). "FreeBSD Port Writing". In: FreeBSD PortsCamp 2 (Kuala Lumpur, Malaysia).
 - "Cloud Computing & Linux Shell Programming" (Nov. 2015). In: bdNOG4 (Sylhet, Bangladesh).
 - "Linux Admin & Network Management" (Mar. 2015). In: bdNOG3 (Dhaka, Bangladesh).
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📖 Tutorials

- *Practical Implementation of BGP Community with Geotags* (Jan. 2019). SANOG33. Thimphu, Bhutan.
- *Practical Implementation of Large BGP Community with Geotags* (June 2019). eNOG16. Tbilisi, Georgia.
- *Practical Implementation of Large BGP Community with Geotags* (Feb. 2019). APRICOT2019. Daejeon, South Korea.

- *Importance of SSHFP And Configuring SSHFP for Network Devices* (Feb. 2018). APRICOT 2018. Kathmandu, Nepal.
 - with, Philip Paeps (July 2017). *Hardening Webserver with FreeBSD*. SANOG30. Gurgaon, India.
 - *Software Defined Networking: Primer* (2016). SANOG27. Kathmandu, Nepal.
 - with, Simon Sohel Baroi (2016). *Network Operation: Tips and Tricks*. SANOG27. Kathmandu, Nepal.
 - *Introduction to SDN* (July 2015). SANOG26. Mumbai, India.
 - *Introduction to SDN* (July 2015). bdNOG3. Dhaka, Bangladesh.
 - *IRR Toolset, RPSL* (July 2015). SANOG26. Mumbai, India.
 - *Practical Implementation of BGP Community with Geotags* (July 2015). SANOG26. Mumbai, India.
 - *IRR Toolset, RPSL* (Mar. 2014). bdNOG1. Dhaka, Bangladesh.
 - *RPKI, Live Configuration Demo* (Mar. 2014). bdNOG1. Dhaka, Bangladesh.
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Papers

- *pps Matters* (July 2020). Networking from Home, East Asia. Virtual.
 - *pps Matters* (Jan. 2020). bdNOG11. Dhaka, Bangladesh.
 - *FreeBSD is not Linux* (2019). INNOG2. New Delhi, India.
 - *Introduction to Blockchain* (2018). APTLD73. Kathmandu, Nepal.
 - *Blockchain - The future of Internet* (2017). APNIC44. Taichung, Taiwan.
 - *Blockchain - The future of Internet* (2017). SANOG30. Gurgaon, India.
 - *Blockchain - The future of Internet* (2017). MyIX Peering Forum/MyNOG. Kuala Lumpur, Malaysia.
 - *Blockchain - The future of Internet* (2017). bdNOG7. Dhaka, Bangladesh.
 - *FreeBSD - Primer* (2017). Malaysia Open Source Conference. Kuala Lumpur, Malaysia.
 - *Software Defined Networking: Primer* (2016). MyIX Peering Forum. Kuala Lumpur, Malaysia.
 - *Software Defined Networking: Primer* (2015). bdNOG4. Sylhet, Bangladesh.
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