

BdREN Introduction and Cloud Services

BdREN is the network and connectivity among the research and educational institutions of Bangladesh. The connectivity has also been extended to global research and development networks like TEIN (Trans Eurasia Information Network). Research, now a day is inter-disciplinary (for example, Bio-Informatics), and sharing high volume data (for example, gene-sequencing or image processing data) has become one of the key factors to generate useful and effective research outcomes. The demand of high and distributed resources (for example, cloud or cluster) is very common in research now.

As a consequence, the research community necessitates a truly powerful, high performance network which will be able to meet the most stringent requirements of today and at the same time scale the exponential demands of future. With this view, under HEQEP, Bangladesh Research and Education Network (BdREN) has been established to provide a nation-wide and global connectivity among the universities and researchers. Besides BdREN's connectivity it is a huge ICT infrastructure which could be used by the students, faculties and staffs of the tertiary education sector.

Network and Connectivity is very important, however, utilizing the infrastructure is more important. For the utilization, BdREN provides wide range of services. In this presentation, I will talk about the services that BdREN provides to us and particularly about the power of Cloud that BdREN is offering to the researchers of Bangladesh.

The program structure is given below:

SL	Activity Type	Title/Agenda	Resource Person	Participants from University
01	Presentation	Introduction to BdREN and it's Cloud Services	TST Consultant Technical	Faculty Members
02	Demonstration	Live demonstration of BdREN Cloud and it's applications	Network/System Administrator	Faculty Members
03	Meeting	Academic Policies and Financial Policies regarding BdREN	TST Consultant and Business Dev Team	Honorable Vice Chancellor and Relevant Department Heads

Speaker:

Kazi Muheymin-Us-Sakib, received his Bachelor and Master's degree from Department of Computer Science and Engineering, University of Dhaka. He pursued his PhD from the Department of Computer Science and Information Technology, RMIT University, Australia, in the year 2008. He is a Professor in the Institute of Information Technology (IIT), University of Dhaka. Professor Sakib is currently on leave to serve as the **TST Consultant (Technical)** at the BdREN, HEQEP.

He is having more than fifteen years of experience both in academia and industry. His career journey is experienced with System Administrator, System Software Engineer, Faculty member, Consultant in GoB and IDA funded projects, thesis and project supervisors of many organizations. Two of his notable projects are "Campus Network Modernization Project at DU" and "Campus e-presence at DU". It is also noteworthy that he is the pioneer of devising Software Engineering Syllabus in Bangladesh.