

Minutes of Meeting of NMEICT held on 18-07-2011 at Bangalore

The meeting was conducted on 18-07-2011 at 11:00 hrs in 3rd floor conference hall, Data centre, Bangalore under the chairmanship of Sr GM, MPLS, NOC Bangalore to discuss the various issues pertaining to the 1GE connectivity provided to the universities under NMEICT Project. The following officers have attended the meeting.

1. Sh S.K Mishra Sr GM MPLS NOC Bangalore.
2. Sh K.Rajasekhar Addl GM, STP, Hyderabad.
3. Sh Varughese Mathew, DGM MPLS NOC Bangalore.
4. Ms Sangeeta Asrani, DGM MPLS NOC Bangalore.
5. Sh G.Brahmaiah DGM P3 NOC Bangalore
6. Sh Girish, SDE MPLS NOC Bangalore
7. Sh Ramakrishna SDE MP NOC Bangalore

Sh Rajasekhar, Addl GM, STP, Hyderabad (National coordinator for NMEICT-Universities) has detailed the NMEICT Project and the progress as on date. He has intimated that the universities and colleges are being provided with 1 Gbps & 10Mbps Bandwidth respectively under this project. As per the connectivity guidelines given by BSNL C.O, the bandwidth for universities is being provided using the Broadband access network i.e from the nearest BSNL POP (GE port of DSLAM/RPR/OCLAN). About 356 universities are connected and the connectivity to the remaining universities is in progress and expected to be completed by December 2011.

1. MHRD has sanctioned 10 GB internet BW for this VPN and hence the majority of the universities and colleges are using this for their day to day activities. While reviewing the performance of the speed being experienced and the Bandwidth utilization, the majority of universities are complaining about the low speed and less bandwidth.
2. The multiplay NOC is monitoring the congestion in the Broadband Network elements i.e the links from DSLAM/T2/T1/OCLAN to BNG and BNG to PE and additional links are being provided as and when congestion is observed despite the universities are complaining about the less speed, high latency and non constant Bandwidth. Ms Sangeeta Asrani, DGM MPLS NOC has clarified that the speed tester available in BSNL network is not being used by these universities as same being not popularised and also there is a delay in commissioning of additional back bone links of MPLS by the various regions. The availability of backbone links details are being given by MPLS NOC on daily basis

and in few cases the addition of GE links from BNG is also pending due to non availability of ports. Both these requirements have to be taken up with the CNP cell, BSNL CO by the BB cell who is coordinating NMEICT Project for speedy completion.

3. At present 10 GB internet BW i.e 5 GB each at Chennai & Mumbai IGW is provisioned for NMEICT domain. The bandwidth monitoring cell of NTR circle has to be intimated to assign 2 nos of STM-16 links exclusively at Chennai and Mumbai IGW to separate this domain from the normal broadband customers.
4. Majority of the service providers are hosting the speednet.in application in their servers and hence the BSNL C.O was requested earlier to follow the same which will help us to convince the universities about the bandwidth committed and observed. Meanwhile, the multiplay NOC in consultation with MPLS NOC will circulate common speed test procedure to all node in charges. Sh Ramakrishna SDE MP NOC has intimated that 100 MB size files(7 nos) are available in the BSNL speed test servers at Chennai and Bangalore and the same can be used by the node in charges while speed testing. Sh Girish, SDE MPLS NOC has also given the individual session speeds at various latency and TCP Window Size (Copy attached) which has to be brought to the knowledge of all node in charges who are the direct interface to the universities. Sr GM MPLS NOC has instructed the MP NOC and MPLS NOC to submit the test procedure within a weeks time for intimation to all node in charges.
5. Sh Rajasekhar, Addl GM ,STP, Hyderabad has requested the MPLS NOC to handle the complaints of the universities through EB call center. Sh Varghese Mathew, DGM MPLS NOC has requested to finalise the procedure for submitting the same to the vendor to incorporate in their flow. The toll free number (1800 180 1957) being used for EB customers, can also be used for these universities fault booking also. Sr GM MPLS NOC has expressed that the positions available at present may not be sufficient to handle these many universities and hence additional approval is required from BSNL CO for the additional requirement. The STP Hyderabad shall take up the same with BSNL CO.The REMEDY application of P3 being used for docket booking shall be extended to NMEICT universities also.The Sr GM MPLS NOC also requested the NMEICT team to take up with BSNL CO for posting of additional JTO/SDE to handle the NMEICT customers in an effective manner.
6. The MPLS NOC also has requested to request the Multiplay NOC to provide the BNG wise NME IP Pool to maintain uniform load on both 1Gbps. The Multiplay NOC shall provide the same as it has been finalized already.

The following decisions are taken at the end of meeting

1. 2 No of STM-16 international bandwidth links may allocated exclusively for NMEICT at Chennai and Mumbai IGW respectively. Corporate office approval for the same is already available.
2. MPLS NOC shall submit the backbone link utilisation (Between Core Routers as well as Core and Edge Routers) within a week's time indicating the links where upgradation is required immediately. They shall also indicate the Port availability in the Core/Edge Routers in these locations. In case Ports are not available, they shall indicate the Port diversion plan for this requirement. STP shall co-ordinate with the Maintenance Regions and BSNL CO for getting the Backbone upgradation.
3. BBNW Circle shall indicate the additional GE Port requirement for the BNG to PE Routers within a week's time where ever the traffic has crossed 60%. MPLS NOC shall indicate the Ports availability. In case ports are not available and free slots are available in the chassis, MPLS NOC shall also indicate the Ports diversion plan. BBNW Circle shall co-ordinate with MPLS NOC and the Field units for getting the Ports augmentation within 15 days.
4. BBNW Circle shall measure the link utilisation every fortnight at all the related interface points including the OCLAN/RPR/BNG etc and get the link bandwidth upgradation periodically in co-ordination with the field units. The first measurement / upgradation shall be completed within 15 days.
5. Speed test procedure from BSNL Servers shall be circulated to all the field units by BBNW Circle. STP shall get the speed and latency measurements for all the universities within 15 days from all the field units.

Other Points for action are as follows:

1. The STP and BBNW circles will take up with the BSNL C.O for sanction of additional positions in EB call centre at BANGALORE and posting of additional staff at the level of JTO/SDEs for the same.
2. Sh Girish, SDE has been nominated as the coordinating officer for NMEICT from MPLS NOC
3. The STP and BBNW circles will take up with BSNL CO for hosting the speedtest.net application in BSNL network.

The meeting was concluded with the vote of thanks by Sh G.Brahmaiah, DGM P3 NOC (National coordinator for NMEICT-Colleges) and thanked all the participants for attending and analyzing the various issues. The Sr GM MPLS NOC has instructed all the participants to complete the tasks as per the target set during the course of discussions.



(K.Rajasekhar)

Addl General Manager,
STP,Hyderabad

- Copy to :
1. The Sr GM (NWP-BB), BSNL C.O,New Delhi for kind infn please
 2. The CGM STP Chennai/BBNW,New Delhi for kind infn please
 3. The Sr GM,STP,Hyderabad/ Sr GM NOC,Bangalore for kind infn please
 4. All participants (By name)