Neo-Brahmi Generation Panel (GP) – Bangla Meeting

Notes from meeting on 24 July 2019

Meeting Attendees (in alphabetical order)
      NBGP members:
1. Ajay Data
2. Enamul Kabir
3. Haseeb Rahman
4. Mahfus Majumder
5. Mamun Or Rashid
6. Mohamad Abdul Haque
7. Ziauddin

      Unicode representative:
1. Michel Suignard

      Staff:
1. Joyce Chen
2. Pitinan Kooarmornpatana
3. Samiran Gupta

Meeting Notes
1. **Unicode representative shared that there is no change in the Bangla code block.** The draft minutes of UTC meeting 159 only mentioned that the update is required for CLDR to create correct functional mappings for segmentation for actions such as backspace. The existing Bangla code block cannot be changed due to the fact that the Unicode consortium is accountable for holding the stability principle which many organizations across technology industry rely on.

2. **A solution for Bangla script in the scope of Label Generation Rules (LGR) is currently available.** The LGR procedure follows IDNA protocol which only allows code point with NFC form to be in a domain name. The letter RRA (ড়), RHA(ঢ়) and YYA (য়) can be used in the domain name protocol by using following code point sequences: 09A1 09BC (ড়), 09A2 09BC (ঢ়), and 09AF 09BC (য়). A user can type with a single stroke on a keyboard and the software such as web browsers will automatically map it into the normalized form to communicate at the protocol level.

   This is a normal practice for many scripts including Latin. An example of a similar case for Thai letter, code point 0E33, was presented. The Bangladeshi team requested Ajay to provide similar example from other Neo-Brahmi scripts.

   The summary of the solution for Bangla LGR

   1. Add three sequences to the repertoire:
          09A1 09BC (ড়)
          09A2 09BC (ঢ়)
          09AF 09BC (য়)

   2. Remove a single 09BC (Nukta) from the repertoire.

3. The GP agreed to hold the next meeting on **20 August 2019** to finalize the Bangla LGR proposal as the Bangladeshi team requested for some time to consult with the authority and finalize formal response to the solution. It is targeted to submit to the IP on **25 August 2019.**

4. The interest in holding a face to face meeting between Bangla team, Unicode and IETF was raised. However, the meeting is outside the scope of LGR work and could be done in parallel without any affect to the LGR timeline.

Action Items

S. No.	Action Items	Owner
1	*Discuss the available solution with the authority and update the feedback to the the NBGP within 20 August 2019*	Mamun
2	*Consult with other script leads to provide the example of similar case from other Neo-Brahmi scripts*	Ajay
3	*Set up a call with ICANN staff for the meeting of NBGP, Unicode, and*	Ajay