Non-Spacing Marks

Arabic Script IDN Working Group
Version 1.0 13 May 2008

Revision History:

Date	Version	Changes	Changed by
13 May 2008	1.0	Created	A. Al-Zoman

This document lists some non-spacing marks within the Unicode Arabic block.

A Non-spacing Mark is defined as "A combining character with the General Category of Nonspacing Mark (Mn) or Enclosing Mark (Me). The position of a nonspacing mark in presentation depends on its base character. It generally does not consume space along the visual baseline in and of itself." Glossary of Unicode Terms (http://unicode.org/glossary/).

Arabic Non-Spacing Marks include:

- Subtending Marks (U+0600 – U+0603)
- Honorifics (U+0610 – U+0614)
- Koranic annotation signs (U+0615 – U+061A, U+06D6 – U+06ED)
- Points (U+064B – U+0652, U+0670)
- Combining Maddaa and Hamza (U+0653 – U+0655)
- Other combining Marks (U+0656 – U+065E)

The use of non-spacing marks, particularly with a domain name label, causes some problems that may lead to major sources of spoofing and phishing.

1. Subtending Marks (U+0600 – U+0603)

This list of code points must be DISALLOWED.

2. Honorifics (U+0610 – U+0614)

◌ص 0610	محمدٌ الصباح	محمّد الصّباح	محمّد السراط	مُحمد السّراط
◌ع 0611		نوحٌ العيد	نوحٌ العَيد	نُوح
◌ر 0612	فيصلٌ	فيصّل	فيصّل	فُيصل

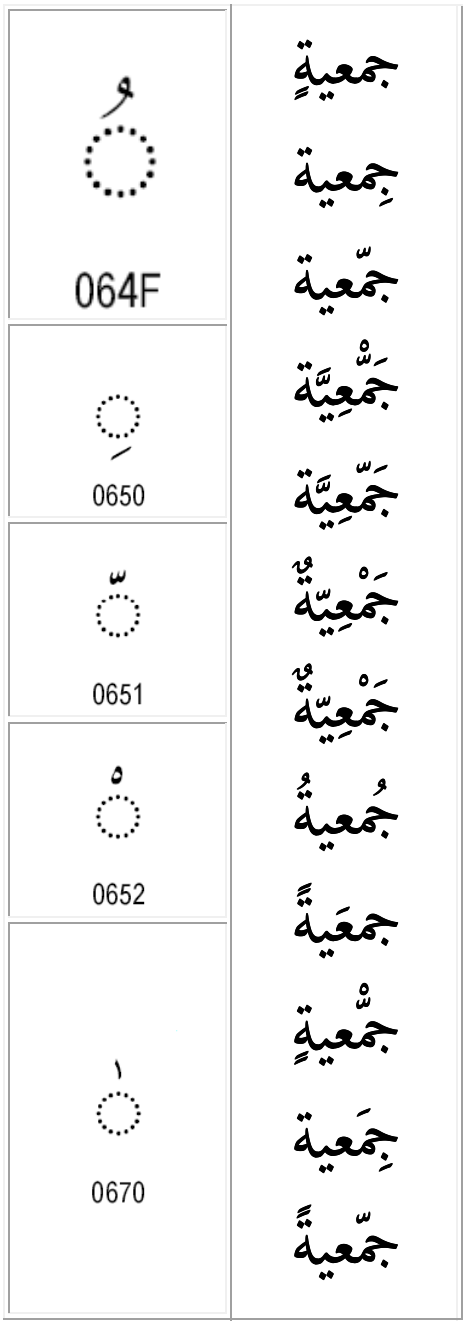
◌ؘ 0613		علىؘ	علّىؘ	عَلّىؘ
◌ؚ 0614				

3. Koranic annotation signs (U+0615 – U+061A, U+06D6 – U+06ED)

This list of code points must be DISALLOWED.

4. Points (U+064B – U+0652, U+0670)

◌ً 064B	جمعية
◌ٌ 064C	جَمْعِيَّة
◌ٍ 064D	جَمعِيَّة
◌َ 064E	جَمْعِيّة
	جَمعِيّة
	جمعيةٌ
	جمعيةً



5. Combining Maddaa and Hamza (U+0653 – U+0655)

This is covered in a separate document titled: “Confused Characters Due to the use of Combining MADDA and HAMZA”, Arabic Script IDN Working Group, Version 2.0 12 April 2008

5. Other combining Marks (U+0656 – U+065E)

◌ٖ 0656						
◌ٗ 0657						
◌٘ 0658						
◌ٙ 0659						
◌ٚ 065A	ڒ 0692	ڵ 06B5	ۆ 06C6	ۍ 06CE	ټ 0756	ڼ 0769
◌ٛ 065B	ڛ 077E	ۊ 06C9	ۮ 06EE	ۯ 06EF	ھ 06FF	
◌ٜ 065C						

065D						
065E						