

Appendix 15a. IDN table Arabic.txt

```
# CentralNic IDN character table for Arabic language version: 0.1
#
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#
# This file describes the proposed IDN character table for Arabic language
# to be used in Generic Top Level Domain applications for which
# CentralNic Ltd. serves as the registry infrastructure services provider.
#
# The table is prepared in accordance with the recommendations given in RFC 4290
# Each row in this file represents a character that can be used as part of the
# second-level label names (base character).
#
# The label management policy provides for blocking of
# confusing labels as per details after the character table below
#
# The "#" character denotes start of the comment that continues to the end of
# the string. For reference Unicode code point names are given as comments to
# each permitted character.
#
#### Table starts ###
U+002D                # HYPHEN-MINUS
#
#### ASCII digits
#
U+0030                # DIGIT ZERO
U+0031                # DIGIT ONE
U+0032                # DIGIT TWO
U+0033                # DIGIT THREE
U+0034                # DIGIT FOUR
U+0035                # DIGIT FIVE
U+0036                # DIGIT SIX
U+0037                # DIGIT SEVEN
U+0038                # DIGIT EIGHT
U+0039                # DIGIT NINE
#
#### Arabic letters
#
U+0621                # ARABIC LETTER HAMZA
U+0622                # ARABIC LETTER ALEF WITH MADDA ABOVE
U+0623                # ARABIC LETTER ALEF WITH HAMZA ABOVE
U+0624                # ARABIC LETTER WAW WITH HAMZA ABOVE
U+0625                # ARABIC LETTER ALEF WITH HAMZA BELOW
U+0626                # ARABIC LETTER YEH WITH HAMZA ABOVE
U+0627                # ARABIC LETTER ALEF
U+0628                # ARABIC LETTER BEH
U+0629                # ARABIC LETTER TEH MARBUTA
U+062A                # ARABIC LETTER TEH
U+062B                # ARABIC LETTER THEH
U+062C                # ARABIC LETTER JEEM
U+062D                # ARABIC LETTER HAH
U+062E                # ARABIC LETTER KHAH
U+062F                # ARABIC LETTER DAL
U+0630                # ARABIC LETTER THAL
U+0631                # ARABIC LETTER REH
U+0632                # ARABIC LETTER ZAIN
U+0633                # ARABIC LETTER SEEN
U+0634                # ARABIC LETTER SHEEN
U+0635                # ARABIC LETTER SAD
U+0636                # ARABIC LETTER DAD
U+0637                # ARABIC LETTER TAH
U+0638                # ARABIC LETTER ZAH
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U+0639 # ARABIC LETTER AIN
U+063A # ARABIC LETTER GHAIN
U+0641 # ARABIC LETTER FEH
U+0642 # ARABIC LETTER QAF
U+0643 # ARABIC LETTER KAF
U+0644 # ARABIC LETTER LAM
U+0645 # ARABIC LETTER MEEM
U+0646 # ARABIC LETTER NOON
U+0647 # ARABIC LETTER HEH
U+0648 # ARABIC LETTER WAW
U+0649 # ARABIC LETTER ALEF MAKSURA
U+064A # ARABIC LETTER YEH

Arabic-Indic digits

U+0660 # ARABIC-INDIC DIGIT ZERO
U+0661 # ARABIC-INDIC DIGIT ONE
U+0662 # ARABIC-INDIC DIGIT TWO
U+0663 # ARABIC-INDIC DIGIT THREE
U+0664 # ARABIC-INDIC DIGIT FOUR
U+0665 # ARABIC-INDIC DIGIT FIVE
U+0666 # ARABIC-INDIC DIGIT SIX
U+0667 # ARABIC-INDIC DIGIT SEVEN
U+0668 # ARABIC-INDIC DIGIT EIGHT
U+0669 # ARABIC-INDIC DIGIT NINE

Table ends

Registration Policy

1. Only characters specifically listed above are allowed to be
included in the U-label of an Arabic language IDN domain.

2. The U-label must conform to Bidi requirements of RFC 5983.

3. Registration of visually confusable U-labels is not allowed.
To ensure that the blocking rules listed below apply.
#

Blocking rules

The Registry implements a blocking mechanism that disallows
registration of potentially confusable second-level labels. There are
fourteen groups of code points that are affected by blocking rules.
#

Alef group

U+0622, U+0623, U+0625, U+0627

#

Heh group

U+0629, U+0647

#

Waw group

U+0624, U+0648

#

Yeh group

U+064A, U+0649

#

Digit zero group

U+0030, U+0660

#

Digit one group

U+0031, U+0661

#

Digit two group

U+0032, U+0662

#

Digit three group

U+0033, U+0663

#

Digit four group

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```
# U+0034, U+0664
#
# Digit five group
# U+0035, U+0665
#
# Digit six group
# U+0036, U+0666
#
# Digit seven group
# U+0037, U+0667
#
# Digit eight group
# U+0038, U+0668
#
# Digit nine group
# U+0039, U+0669
#
# If a label is registered that includes one or more code points listed above,
# registration of other labels formed by substituting that code point with
# any other code point from the same group is prohibited at this time.

# Bibliographic references:
#
# 1. A. El-Sherbiny, M. Farah, I. Oueichek, A. Al-Zoman
#    RFC 5564. Linguistic Guidelines for the Use of the Arabic Language in
#    Internet Domains
#    February 2010
#    <http://www.ietf.org/rfc/rfc5564.txt>
#
# 2. The .ae Domain Administration - .aeDA
#    Arabic (dotEmarat) Domain Name Policy, version 1.0
#    22 September 2010
#
# <http://aeda.ae/eng/policies/AEDA-POL-016-v1.0-dotEmarat\_Domain\_Name\_Policy.pdf>
#
# 3. Qatar Domain Registry
#    Domain Name Registration Policy
#    viewed 01 February 2012
#
# <http://www.domains.qa/sites/default/files/Qatar%20Domains%20Registry-Domain%20Name%20Registration%20Policy\_0.pdf>

# Acknowledgements.
# This character table was prepared with help and input from Dr. Sarmad Hussain.
# CentralNic thanks Dr. Sarmad Hussain for his valuable contribution to
# the registry IDN policies.
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