

# 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>

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# 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.
```