

European Union

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<http://www.eurid.eu/en/eu-domain-names/idns-eu>

IDNs (Internationalised Domain Names) are domain names that contain non-ASCII characters. These characters include, for example, the Swedish å, the German ü, the Romanian ș and characters from the Bulgarian and Greek alphabets as a whole.

IDNs are particularly important for .eu as the European Union has 27 Member States and 23 official languages. Many of these languages have non-ASCII characters in their alphabets.

United Kindom

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<http://www.nominet.org.uk/registrants/aboutdomainnames/rules/>

5.2 The Third Level Domain may only contain the following thirty-seven characters ("Characters") or a combination thereof:

5.2.1 the twenty-six unaccented Roman letters (i.e. a-z inclusive);

5.2.2 the ten western digits (i.e. 0-9 inclusive); and

5.2.3 hyphens.

Ireland

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http://www.domainregistry.ie/index.php?option=com_content&view=article&id=54&Itemid=65#validity

3.1: An Internet domain name consists of a number of labels separated each from the next by a dot (period). The characters which may be used in a label are the 26 letters ["A"- "Z"] of the Roman alphabet without regard to upper- or lower-case, the 10 digits ["0"- "9"] and the hyphen ["-"]. The hyphen may not be used as the initial or final character of a label. Names with "-" on the third and the fourth position may not be used. Each label may be up to 63 characters in length and must be no less than two. The entire domain name, counting the separating dots, must be no longer than 255 characters. (See Domain Names - Implementation and Specification: RFC-1035).

Danemark

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<https://www.dk-hostmaster.dk/english/technical-administration/forms//register-domainname-304/how-to-fill-in-the-application-form-for-a-dk-domain-name-dk-304en/>

Submission of the application form

Send one application per e-mail, entering hostmaster@dk-hostmaster.dk as the address in the "To" field. The application must not be sent as an attached file, Cc or similar.

It must be sent as plain text in one of these formats:

- * US-ASCII
- * ISO-8859-1
- * Windows-1252

Belgium

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<http://www.dns.be/en/home.php?n=43.001>

DNS BE will not accept the following domain names for registration :

- * Names that are already registered ("first come, first served" -principle), names in quarantine, names that are put "out-of-support" or on hold.
- * Names that consist of characters other than "a-z", "A-Z", "0-9" and "-", or that start or end with "-" (as recommended in RFC 1035, published on the web site of DNS BE).
- * Names of less than two (2) or more than sixty-three (63) characters.
- * Names with "-" on the third and the fourth position.

Netherland

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<https://www.sidn.nl/en/about-nl/applying-to-register-a-domain-name/>

The main requirements are as follows:

- * The domain name may contain only letters, numbers and the '-' character, as included in the ASCII character set.
- * If a '-' character is used, it has to be between two other permitted characters.
- * The name has to contain at least two characters, and no more than sixty-three.

Also, the domain name you choose must not be inconsistent with public order or decency.

France

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<http://www.afnic.fr/data/chartes/charter-fr-2010-03-16.pdf>

Article 13. Syntax constraints

Domain names may comprise alphanumeric characters featuring letters from the French alphabet (A to Z), the numbers 0 to 9 and hyphens "-".

<http://www.afnic.fr/doc/faq#4-4>

Est-il possible d'enregistrer des noms de domaine avec des accents sous les extensions .fr ou .re ?

À l'heure actuelle, les accents ne sont pas acceptés. Cette possibilité devrait voir le jour mais aucune date n'a été fixée pour le moment.

Spain

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<http://www.nic.es/idn-area/1127>

Since October 2007, Red.es enables .es domains to be registered with letters of the alphabets belonging to the official languages of Spain

<http://www.nic.es/media/2008-12/1228818348922.pdf>

What is meant by multilingual characters? and what multilingual characters are permitted?

Multilingual characters are those characters which form part of the different

Spanish languages and which are not found in the Anglo-Saxon alphabet.

There are a total of 13 permitted multilingual characters and these are listed below:

- á à
- é è
- í ï
- ó ò
- ú ü
- ñ
- ç
- ð

Portugal

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https://online.dns.pt/imagens/site/home_290/fotos/79021759982250550415.pdf

1. Unless otherwise indicated, the domain name to be registered must have between 2 and 63 characters belonging to the following group:
0123456789abcdefghijklmnopqrstuvwxyz

2. The domain name can also have special characters from the Portuguese alphabet, due to the use of accents and punctuation marks, in accordance with the following table:

á à â ã
ç
é ê
í
ó ô õ
ú

3. To separate words, only the hyphen «-» is acceptable, which cannot be used at the beginning or end of the domain name. Acceptable examples: cm-lisboa.pt, guardaredes.com.pt.

4. Conversions of characters not included in the previous points are also acceptable when these characters are the basis for requesting registration, in the cases where this is compulsory through these Regulations. Thus, namely:
The character "&" could be converted into the character "e" or "and";
The character @ could be converted into the character "a";
Numbers written in full could be converted into figures and vice-versa.

Italy

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<http://www.nic.it/faq-en/what-characters-are-allowed-in-a-domain-name>

All the numbers (0-9), letters (a-z) (ASCII) and the hyphen (-) can be used. A domain name cannot begin or end with a hyphen (-); and the first four characters cannot be the sequence "xn--".

Germany

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<http://www.denic.de/en/domains/internationalized-domain-names.html>

Since March 2004, DENIC has also been offering Internationalized Domain Names (IDNs). The new standard enables a total of 93 additional characters, including umlauts, to be used in .de domains.

<http://www.denic.de/en/domains/internationalized-domain-names/idn-list.html>

Czech

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http://www.nic.cz/files/nic/doc/Registration_rules_CZ_20100101.pdf

Domain Names must conform to regulations RFC1 1034, 1035, 1122, 1123 and any regulations superseding or amending these. This concerns especially the following conditions:

10.1.1. Domain Name may contain only characters [a-z,0-9,-];

10.1.2. The maximum Domain Name Length is not more than 63 characters;

10.1.3. A Domain Name must not begin or end with "-" character;

10.1.4. A Domain Name must not contain two characters "-" in sequence.

Austria

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http://www.nic.at/en/service/legal_information/registration_guidelines/

Domain name = A domain name is a sequence of characters, numbers („0-9") and hyphens („-"). A character in the sense of this definition is both a letter "a-z" as well as a letter mentioned in the list www.nic.at/idn/charset.
IDN = Internationalised Domain Name = A domain (e.g. bücher.at) which consists of at least one letter beyond "a-z" according to the list at www.nic.at/idn/charset (cf. point 9).

Die folgenden Zeichen können seit 31. März 2004 registriert werden:

hex: 00E4 ä dec: 228	hex: 00FC ü dec: 252	hex: 00F6 ö dec: 246	hex: 00EB ë dec: 235	hex: 00E0 à dec: 224	hex: 00E1 á dec: 225
hex: 00E2 â dec: 226	hex: 00E8 è dec: 232	hex: 00E9 é dec: 233	hex: 00EA ê dec: 234	hex: 00EC ì dec: 236	hex: 00ED í dec: 237
hex: 00EE î dec: 238	hex: 00EF ï dec: 239	hex: 00F2 ò dec: 242	hex: 00F3 ó dec: 243	hex: 00F4 ô dec: 244	hex: 00F9 ù dec: 249
hex: 00FA ú dec: 250	hex: 00FB û dec: 251	hex: 00FD ý dec: 253	hex: 00FF ÿ dec: 255	hex: 00E3 ã dec: 227	hex: 00E5 å dec: 229
hex: 00E6 æ dec: 230	hex: 00E7 ç dec: 231	hex: 00F0 ð dec: 240	hex: 00F1 ñ dec: 241	hex: 00F5 õ dec: 245	hex: 00F8 ø dec: 248
hex: 153 œ dec: 339	hex: 161 š dec: 353	hex: 00FE þ dec: 254	hex: 017E ž dec: 382		

Switzerland

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<https://www.switchplus.ch/>

<http://goo.gl/99Tt>

Characters

All of the domain names can consist of 3 to 63 characters. Exceptions are domain names with umlauts and special characters, the so-called Internationalized Domain Name (IDN). These characters are encoded in an ACE string, because the

domain name system (DNS) does not support them. Please note: With an IDN, the encoded characters in the ACE string are counted.

Domain names can consist of characters from the following character set:

a b c d e f g h i j k l m n o p q r s t u v w x y z
0 1 2 3 4 5 6 7 8 9 -

With the TLDs .ch and .li, the following, additional IDN characters are permitted:

à á â ã ä å æ ç è é ê ë ì í î ï ð ñ ò ó ô õ ö ø ù ú û ü ý þ ÿ

Greece

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https://grweb.ics.forth.gr/english/gr_char_en.html

According to the new rules described in the Decision 351/76 (20/05/2005) of the Hellenic Telecommunications & Post Commission, the registration of Domain Names in Greek Characters (IDN) is possible under [.gr]. This regulation has been active since the 4th of July, 2005, 07.00 UTC time.

A feature of the registration procedure of these IDN domains is the concept of «Bundle». Bundled domains are the domains that differ only in punctuation but are otherwise identical to a main form.

Any domain that is a Homograph (a visually matching in the lower or upper case domain regardless of the script language) of the original registration may also become part of the Bundle.

Domain names that could be registered in each bundle are not automatically registered for the registrant but are instead excluded from the list of available domain names until this particular registrant decides to "Activate" one or more of them. The registrant may apply for domain name activation through the registrar of the original domain name registration. The activation cost is determined by on the registrar.

Domain names that are in the same bundle are automatically redirected by the .gr zone to the nameservers of the domain name's main form. An option is available for the registrant who wants to activate one or more of the bundled names as a normal domain name.

For more info on the Domain Names in Greek characters please contact your [.gr] Registrar, the [.gr] Registry through the e-mail addresses hmaster-info@ics.forth.gr or the Hellenic Telecommunications & Post Commission External link, e-mail: info@eett.gr, tel. +30 210-6151000)

For a list of the Greek characters available for registration please follow this link.

Notice: The Domain names in Greek characters are used in many browsers without the need to add any plug-in. For the users of Microsoft Internet Explorer (version 6) it is necessary to install a plug-in. Please read the article in <http://support.microsoft.com/?kbid=842848> External link. International Domain Names (IDNs) are supported in Microsoft Internet Explorer 7.

Bulgaria

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<https://www.register.bg/user/static/rules/en/index.html#5>

5.2. Validity of LABEL

5.2.1. The following characters shall be valid in forming the LABEL:

- ASCII characters, notwithstanding small and capitals [A-Z, a-z];
- characters in Cyrillic notwithstanding small and capitals [А-Я, а-я] in compliance with the requirements from it.1.3. When this requirement cannot be met, the LABEL must be written with letters from the Latin alphabet;
- numbers [0-9];
- hyphen [-].

The first and the last character shall be either a letter or a number. It is recommended that the first character be a letter. The invalid characters shall be omitted or exchanged with the hyphen sign [-].

Hungary

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<http://www.domain.hu/domain/English/szabalyzat/szabalyzat.pdf>

2.1.2 Characters that can be used in domain names

- a) the lower case letters without accent of the Latin alphabet (a-z), furthermore
- b) lower case letters with accent of the Hungarian alphabet (á, é, í, ó, ö, ő, ú, ü, ű), furthermore
- c) numeric characters (0-9), furthermore
- d) the hyphen (-)

Moldova

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<http://www.register.md/>

Enter a domain name which you wish to register or check availability: Enter only the name,
do not enter "www" or ".md".
Only letters (a-z), digits (0-9) and hyphens (-) are allowed.
A domain name cannot start or end with a hyphen (-).

<http://www.register.md/R0/idn-cerere.php>

"Pentru a înregistra un nume de domen (IDN), în zona .MD, care conține caractere: ă, â, î, ș, ț completați și trimiteți o cerere prin email la idn@nic.md cu următorul conținut"

Finland

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<https://domain.ficora.fi/fiDomain/aca.aspx?language=en-GB&Target=Help#help1>

A .fi domain name can consist of 2 - 63 characters. The allowed characters are letters from a to z, numbers from 0 to 9 and the dash (-). Additionally, the native language characters used in Finland are acceptable.

As of 1 September 2005, it will become possible to apply for Internationalised Domain Names (IDN), i.e. Finnish (.fi) domain names represented by the native language characters å, ä and ö.

Norway

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<http://www.norid.no/domeneregistrering/oss.en.html#nytt8>

Can I register a domain name with special Norwegian characters?

Yes, you can. Read more about which characters you can use in your domain name and what you should be aware of if you want to use special Norwegian characters.

<http://www.norid.no/navnepolitikk.en.html#link3>

General requirements for the domain name - what can one apply for?

3.1 A domain name must consist of at least 2 and at most 63 characters.

3.2 The characters permitted in the domain name are: a-z, digits (0-9), hyphens, and national characters specified in the table below.

Name of letter		Unicode	Name of letter		Unicode
a with acute accent	á	00E1	o with acute accent	ó	00F3
a with grave accent	à	00E0	o with grave accent	ò	00F2
a with umlaut	ä	00E4	o with circumflex	ô	00F4
c with caron	č	010D	o with umlaut	ö	00F6
c with cedilla	ç	00E7	s with caron	š	0161
d with crossbar	đ	0111	t with crossbar	ţ	0167
e with acute accent	é	00E9	u with umlaut	ü	00FC
e with grave accent	è	00E8	z with caron	ž	017E
e with circumflex	ê	00EA	æ	æ	00E6
ENG	ŋ	014B	ø	ø	00F8
n with acute accent	ñ	0144	å	å	00E5
n with tilde	ñ	00F1			

Sweden

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<http://www.iis.se/en/domaner/registrera/idn>

As early as 2003 it became possible to register .se domains with the characters å, ä, ö, é and ü.

In summer 2007, the characters that occur in the official Swedish minority languages: Finnish, Meänkieli (Tornedalsfinska), Sami, Romany and Yiddish, were added. At the same time the characters of the other Nordic languages were made available for use in .se domains.

Domain names with any of these characters are collectively called IDN domains (Internationalized Domain Names).

Poland

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http://www.dns.pl/IDN/idn-faq_en.html

What is IDN?

IDN stands for Internationalized Domain Name also called a multilingual domain name. IDN is a domain name which is represented by national (diacritical) characters typical for particular language, for instance różyczka.dns.pl (polish script). IDN consists of two forms: the Unicode form (represented by characters derived from the Unicode character repertoire) e.g. różyczka.dns.pl and the form encoded, by means of special algorithm (Punycode, RFC 3492), into ASCII characters e.g. xn--ryczka-bxa0li.dns.pl (see the picture).

ASCII form (also known as ACE form - ACE stands for ASCII Compatible Encoding) is stored in DNS resources (e.g. in configuration files of DNS servers). Both forms are equivalent

Ukraine
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Registrar page (<http://www.ua/>) doesn't contain usefull english information.

<http://www.register.be/UK/news/reg-domain-name-ua-ukraine-trends.asp>

Domain name .UA: Ukraine is following the trends...
Getting a domain name with non-Latin characters, in the alphabet of the extension's country, is slowly becoming something usual for registers. And now, it's Ukraine turn to announce the opening of registrations for domain names in Cyrillic characters.

Iceland
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<https://www.isnic.is/en/host/req>

3. Namesever name can only contain ascii letters, digits, hyphen and periods.

<https://www.isnic.is/en/faq#q10-2>

What does a "corresponding non-IDN domain" mean to a IDN domain?

The corresponding non-IDN domain is constructed from the IDN domain according to the following table:

þ -> th	á -> a	í -> i
æ -> ae	é -> e	ó -> o
ö -> o	ý -> y	
ð -> d	ú -> u	

Belarus
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<http://tld.by/indexeng.html> doesn't contain much information.

<http://en.wikipedia.org/wiki/.by>

The names also must have two or more Latin characters and it cannot either start or finish with a hyphen (-).

Serbia
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<http://www.rnids.rs/en/domain-registration>

The .rs domain name can contain digits (0-9), letters of the English alphabet (a-z) and a dash (-). It cannot contain less than 2 or more than 63 characters. The domain name cannot begin or end in a dash (example: www.-domen-.rs) and cannot contain two consecutive dashes in the third and fourth position (example: www.do--men.rs).

<http://www.rnids.rs/en/what-s-new/cyrillic-domain-%D1%81%D1%80%D0%B1-became-visible-on-the-internet/id/1510>

06/05/2011

The Internet Assigned Numbers Authority (IANA) reached the decision to assign the management of the Cyrillic domain .cp6 to the Serbian National Register of Internet Domain Names (RNIDS).

The Serbian Cyrillic Internet domain .cp6 became visible on the Internet on the May 3rd, 2011 after updating the data in the root DNS tables. It means that it is possible now to use Cyrillic script and Serbian language in composing Internet addresses within the .cp6 domain space in DNS (Domain Name System).

Slovakia

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<http://www.sk-nic.sk> doesn't have an english page.

Tried to register:

domáci.sk (home.sk) -> "Neprípustné znaky v názve domény. domáci" (Illegal characters in the domain name. home)

domaci.sk -> "Doména nie je zaregistrovaná" (Domain is not registered.)

Bosnia and Herzegovina

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English version is under construction.

<http://www.nic.ba/lat/stream.php?kat=3>

Dozvoljeni karakteri su: "a...z, 0..9, -".

Croatia

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http://www.carnet.hr/dokumenti?dm_document_id=623&dm_dnl=1

Google Translate:

7 / 20

domain name

Article 16

The domain name consists of a series of at least 3 and a maximum of 63 characters that consists of English letters, with no difference between uppercase and lowercase letters, numbers 0-9, with the proviso that at least one character in its name must be a letter, hyphen (-), and the dash should be neither the first nor the last character in the name of, and may not appear at two consecutive sites.

Tested:

važno.hr (important) -> "Neispravan unos!" (Invalid entry!)

vazno.hr -> "Domena Vazno.hr nije registrirana" (The domain is registered Vazno.hr)

Albania

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Tested at [http://www.host.al/html/domain/index/domain/\\$DOMAINNAME.al](http://www.host.al/html/domain/index/domain/$DOMAINNAME.al)

Kërkoni.al (search) -> "Domaini qe keni vendos nuk eshte valid" (Domain that you decide is not valid)

kerkoni.al -> "Pergezime! kerkoni.al i mundshem!" (Congratulations! kerkoni.al of potential!)

Macedonia

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<http://dns.marnet.net.mk/registar.php> lists only
0-9 A B C D E F G H I J K L M N O P Q R S T U V X Y W Z buttons.

Montenegro

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<http://www.domain.me/domain-search> doesn't seem to allow Plaža.me (beach)

Slovenia

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<http://www.registry.si/fileadmin/dokumenti/register/ENG/general-terms.pdf>

2.1. Allowed characters are characters in the standard Latin alphabet (A-Z), Arabic numerals (0-9), the hyphen sign (-), and the letters cited in the table at www.registry.si/idn

<http://www.registry.si/idn/characters.html>

Latin-1 Supplement Latin Extended-A

Latin Extended-B

à	ā	š
á	ă	ț
â	ą	
ã	ć	
ä	ĉ	
å	č	
æ	ċ	
ç	ď	
è	đ	
é	ē	
ê	ě	
ë	è	
ì	ę	
í	ē	
î	ĝ	
ï	ğ	
ò	ġ	
ñ	ĥ	
ó	ħ	
ô	ĩ	
õ	ī	
ö	ĭ	
ø	ì	
ù	ı	
ú	ĵ	
û	ķ	
ü	ļ	
ý	ł	
þ	ĺ	
ÿ	ł	
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	ņ	
	ň	
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Russia

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<http://www.cctld.ru/en/domains/>

gives a choice between .ru and .PØ

Turkey

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<https://www.nic.tr/index.php#261>

Can I register Turkish character encoded domain name? In accordance with the proposal of ".tr" Domain Names Administration and the subsequent decision determined by DNS Working Group on October 19th, 2006, individuals and legal entities are able to register Turkish character (ğ, ı, ü, ş, ö, ç) encoded domain names. Registrations are started with effect from December 4th, 2006.

Luxemburg

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<http://www.dns.lu/en/support/general-information/domain-name-policy-lu-charter/>

3. Rules for domain names

Domain names must have a minimum length of 3 and up to 63 alphanumeric characters per name (a ... z, 0 ... 9). Only the hyphen (-) is allowed as special character. The hyphen cannot be used as first or last character. The minimum length of an IDN is determined by the number of non-ASCII characters. The maximum length of an IDN, however, is determined by the ACE-String for the domain name. The only non-ASCII characters accepted are those used in Luxembourgish, German and French languages. These characters are defined on the "List of non-ASCII characters of domain names under .lu". As domain names are case insensitive, only lower case characters should be used.

<http://www.dns.lu/en/support/general-information/idn/>

Allowed charactersThe allowed character for IDN will be those necessary for Luxembourgish, French or German. Besides the currently accepted characters (a-z, 0-9, - (hyphen)) these are:

U+00E4 Latin small letter a with diaeresis (ä)
U+00F6 Latin small letter o with diaeresis (ö)
U+00FC Latin small letter u with diaeresis (ü)
U+00E0 Latin small letter a with grave (à)
U+00E2 Latin small letter a with circumflex (â)
U+00E6 Latin small letter ae (æ)
U+00E7 Latin small letter c with cedilla (ç)

U+00E8 Latin small letter e with grave (è)
U+00E9 Latin small letter e with acute (é)
U+00EA Latin small letter e with circumflex (ê)
U+00EB Latin small letter e with diaeresis (ë)
U+00EE Latin small letter i with circumflex (î)
U+00EF Latin small letter i with diaeresis (ï)
U+00F4 Latin small letter o with circumflex (ô)
U+00F9 Latin small letter u with grave (ù)
U+00FB Latin small letter u with circumflex (û)
U+0153 Latin small ligature oe (œ)

Latvia
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<http://www.nic.lv/resource/show/30> Google translate: <http://goo.gl/8Q0mK>

Translation: "Since 01/03/2004 NIC.LV has started Latvian domain name registration, and now anyone who wants it, you can register a domain name in the Latvian language, using the letters with diacritical marks."

Lithuania
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http://www.domreg.lt/static/doc/public/procedural_regulation-en.pdf

A label (without .lt suffix) must have at least two letters from "a" to "z" of the standard Latinalphabet (IDN names may also have other symbols specified in the paragraph 15), digits from 0 to 9 and hyphen (-s);

15. Special provisions for IDN:

1) IDN names may contain the following letters of Lithuanian alphabet:

Character Code (Unicode standard) Character Code (Unicode standard)

„ą“ U+0105 „š“ U+0161
„č“ U+010D „ų“ U+0173
„ė“ U+0119 „ū“ U+016B
„ė“ U+0117 „ž“ U+017E
„į“ U+012F

Estonia
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<http://www.internet.ee/eng/news/estonian-domain-names-to-incorporate-diacritics-idn>

Starting from June 13, 2011 the Estonian Internet Foundation will bring letters with diacritical marks õ, ä, ö, ü, š and ž to national domains ending with the suffix .ee, which means that the .ee domain will be covered with the full range of the Estonian alphabet. The Estonian Internet Foundation in cooperation with the Association of the Estonian Patent Attorneys has introduced a period for reservation of .ee domain names containing letters with diacritical marks before commencement of general registration of such domain names.