



IDNs in Poland

ccTLD Meeting, Rome 2004

Andrzej.Bartosiewicz @NASK.pl



Launch date:

September the 11th, 2003

**NASK – the first ccTLD registry in Europe
supporting Internationalized Domain
Names.**

KRAJOWE SYMPOZJUM TELEKOMUNIKACJI



WYRÓŻNIENIE


w konkursie na najlepsze seminarium firmowe
Krajowego Sympozjum Telekomunikacji 2003

dla **Naukowej i Akademickiej Sieci Komputerowej NASK**

*Przewodniczący
Rady Sympozjum*


prof. dr inż. Marcin Zientalski

*Przewodniczący
Komitetu Programowego KST*


prof. dr hab. inż. Jacek Lubacz

Bydgoszcz 10 - 12 września 2003 r.

- August the 11th, 2003:
NASK's IETF draft
- **September the 11th, 2003:**
(Polish script) .pl
- September the 18th, 2003:
(Polish script) .com.pl / .net.pl / .biz.pl

Polish characters

- U+00F3 (LATIN SMALL LETTER O WITH ACUTE)
- U+0105 (LATIN SMALL LETTER A WITH OGONEK)
- U+0107 (LATIN SMALL LETTER C WITH ACUTE)
- U+0119 (LATIN SMALL LETTER E WITH OGONEK)
- U+0142 (LATIN SMALL LETTER L WITH STROKE)
- U+0144 (LATIN SMALL LETTER N WITH ACUTE)
- U+015B (LATIN SMALL LETTER S WITH ACUTE)
- U+017A (LATIN SMALL LETTER Z WITH ACUTE)
- U+017C (LATIN SMALL LETTER Z WITH DOT ABOVE)

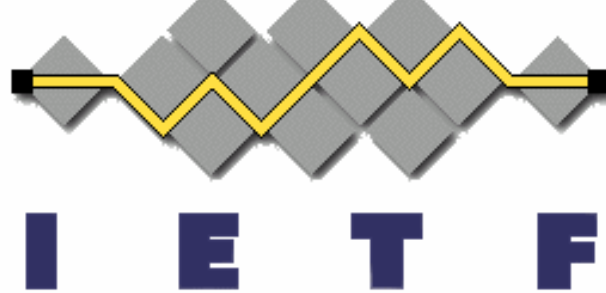
ą ć ę ł ń ó ś ź ż

Schedule cont.

- October the 6th, 2003: +German umlauts
- October the 20th, 2003: +Latin
- November the 3rd, 2003: +Hebrew, Arabic, Greek
- **February the 26th, 2004: Cyrillic**

IETF Internet Drafts

- **NASK's policy: to publish all the NASK's internal protocols & standards as the IETF Internet Drafts (i.e. IDNs, EPP for .PL, EPP for +48ENUM)**
- The IDN registration rules are also available as I-D.
- Technical part of Registry-Registrar agreement refers to the IETF documents including the NASK's drafts, as the best source of the up-to-date information.



The Internet Engineering Task Force

- [Overview of the IETF](#)
- [IESG Activities/Actions](#)
- [IETF Working Groups](#)
- [Internet-Drafts](#)
- [RFC Pages](#)
- [Additional Information](#)
- [The Internet Standards Process](#)
- [The Nomcom](#)
- [Documents in Last Call](#)
- [Meetings](#)
 - ★ [58th IETF - Minneapolis, MN, USA](#)
(November 9-14, 2003)
- [Proceedings](#)
- [Mailing lists](#)
- [Intellectual Property Right Notices](#)
- [Joining the IETF](#)
- [WG Chairs Web Page](#)

Up-to-date:

[draft-bartosiewicz-idn-pltld-04](#)
(Latin+Hebrew+Greek+Arabic)

Obsolete:

- 1st: draft-bartosiewicz-idn-pltld-01 (Polish characters only)
- 2nd: draft-bartosiewicz-idn-pltld-02 (Polish+German)
- 3rd: draft-bartosiewicz-idn-pltld-03 (Latin 1 Supplement & Extended A)

ietf Internet Drafts...

Awaiting for publication:

draft-bartosiewicz-idn-pltld-05

(Latin+Hebrew+Greek+Arabic+Cyrillic)

New in the document: Cyrillics + rules for mix-scripts.

more...

<http://www.bartosiewicz.pl/IDN>

Example of IETF draft

Main concepts

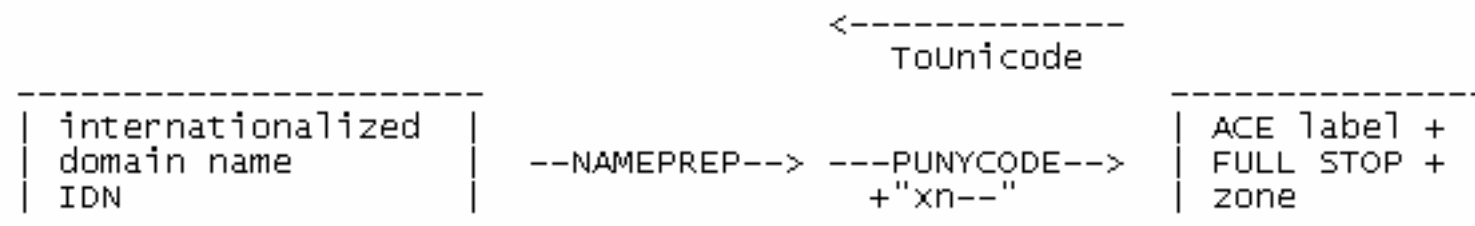
The Policy of the IDN-registration under .PL is liberal and is based on the following concepts:

-NASK accepts only the proper ACE labels (according to [3], [8] and [9]) which begin with the "xn--" prefix and contain only ASCII characters

-the received string after the ToUnicode operation (according to section 4.2 of [4] and section 6.2 of [3]) applied to the ACE label MUST only include codepoints [5] from the following set:

U+002D	(HYPEN-MINUS)
U+0030..U+0039	(DIGIT ZERO .. DIGIT 9)
U+0061..U+007A	(LATIN SMALL LETTER A .. LATIN SMALL LETTER Z)
U+00F3	(LATIN SMALL LETTER O WITH ACUTE)
U+0105	(LATIN SMALL LETTER A WITH OGONEK)
U+0107	(LATIN SMALL LETTER C WITH ACUTE)
U+0119	(LATIN SMALL LETTER E WITH OGONEK)
U+0142	(LATIN SMALL LETTER L WITH STROKE)
U+0144	(LATIN SMALL LETTER N WITH ACUTE)
U+015B	(LATIN SMALL LETTER S WITH ACUTE)
U+017A	(LATIN SMALL LETTER Z WITH ACUTE)
U+017C	(LATIN SMALL LETTER Z WITH DOT ABOVE)

Codepoints U+00F3, U+0105, U+0107, U+0119, U+0142, U+0144, U+015B, U+017A, U+017C form the Polish script.

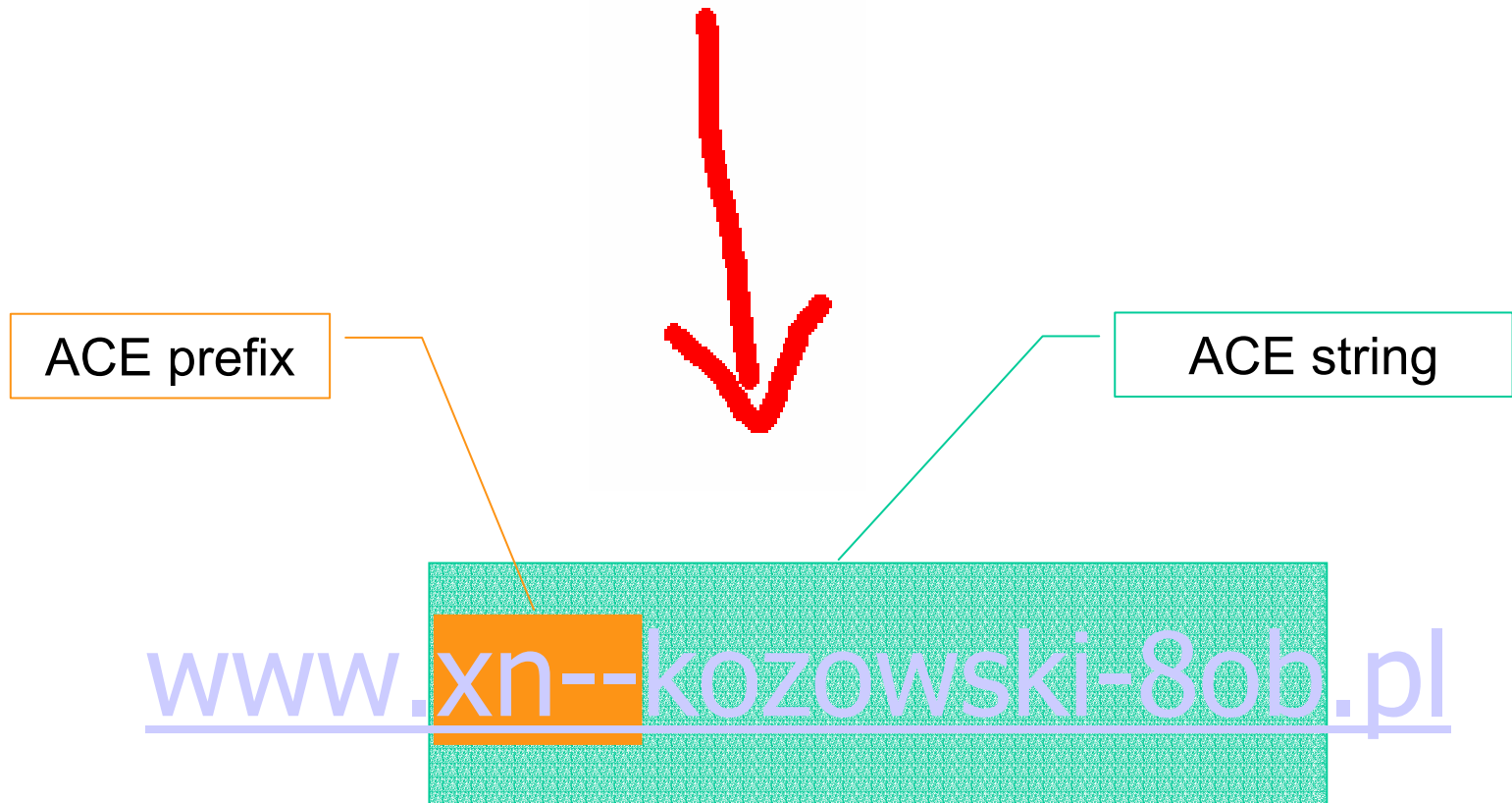


First Come,

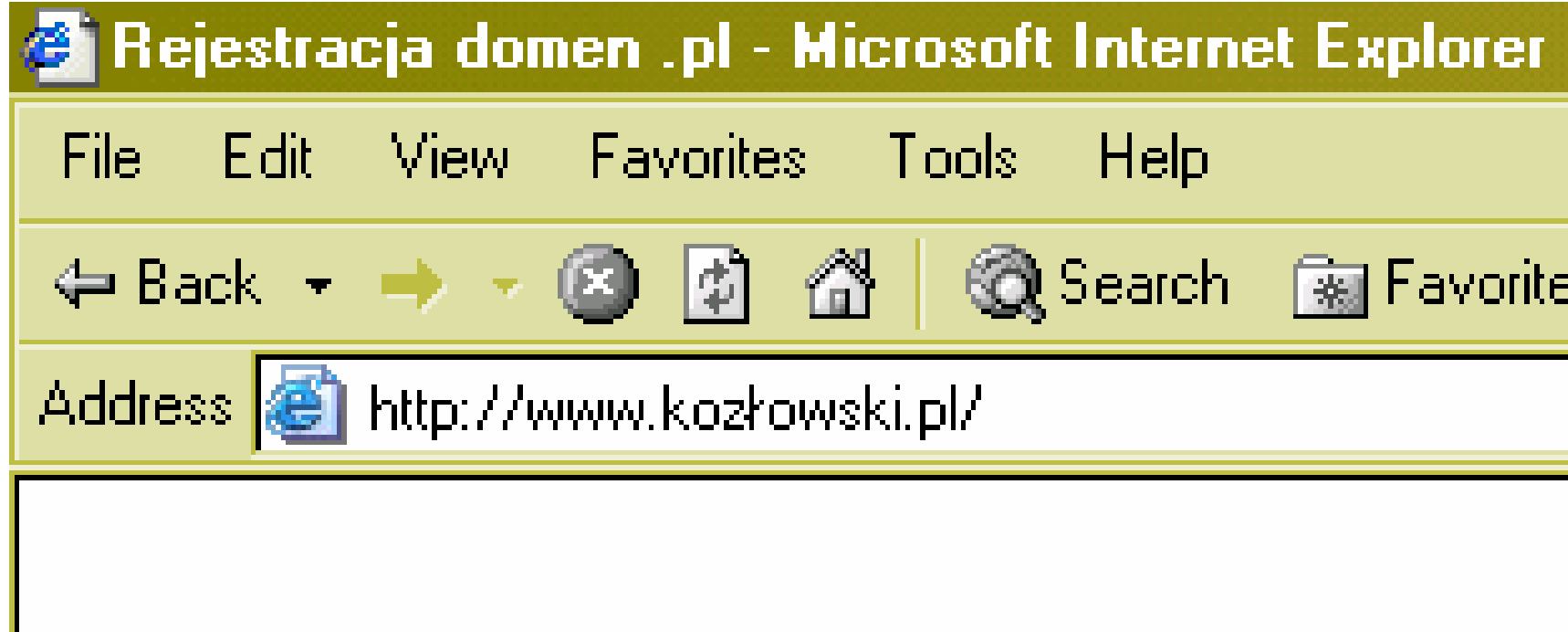
First Served

- First Come, First Served method,
- No waiting lists, no pre-registrations,
- Big Bang:
 launch at 6 a.m., September the 11th,
- No sunrise period,

www.kozłowski.pl



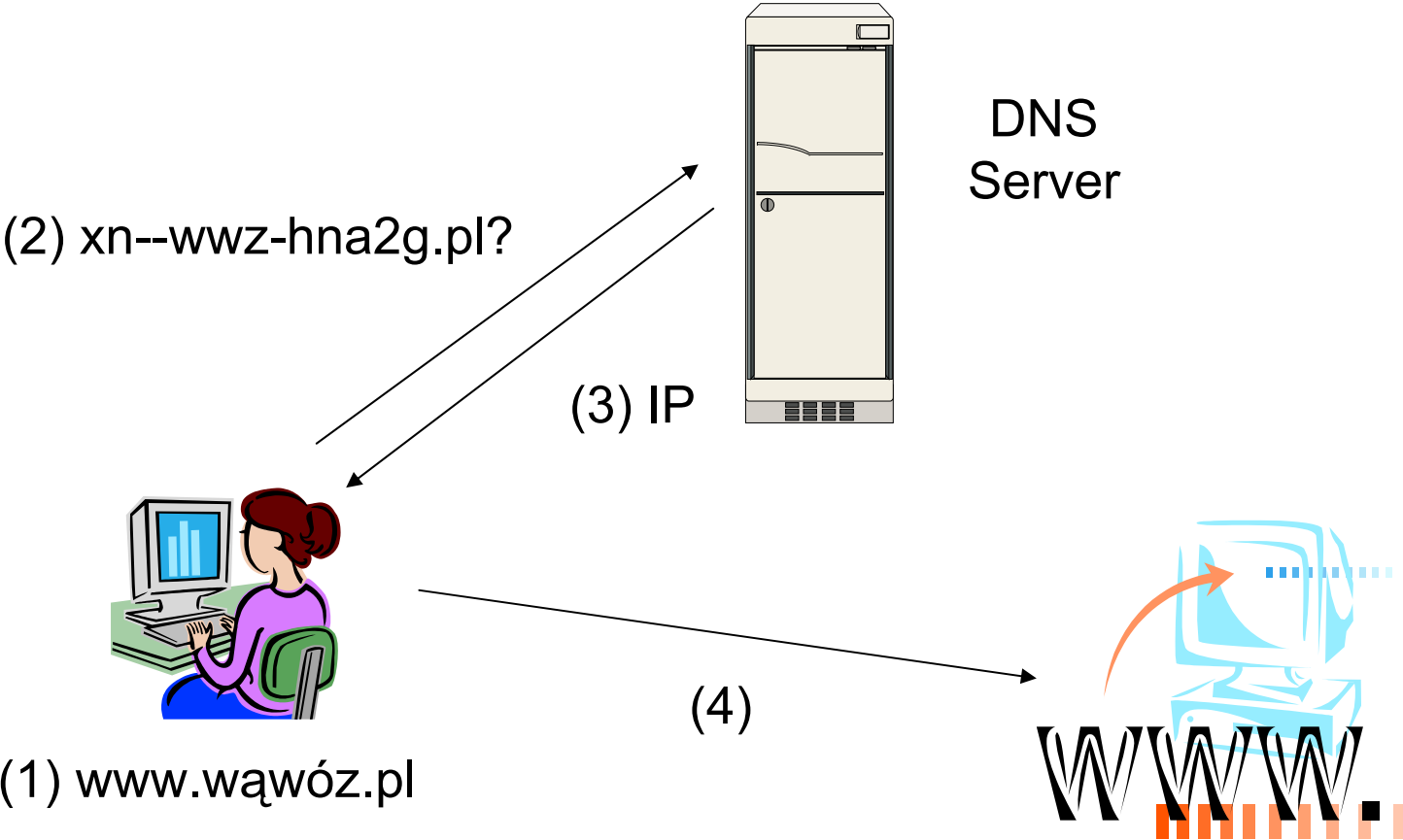
Entering the IDN in browser



IDN in DNS...

www.xn--kozowski-8ob.pl

Resolution in DNS



- ACE version only (consistent with RFC 3490 & draft-bartosiewicz-idn-pltld-04) for input, output, processing,
- “xn” is the only accepted prefix for ACE domain names,
- No special rules for ACE domain names,

- No variants,
- No bundling,
- No association with languages –
- no “language tags”,
- No changes to internal databases,
protocols, invoicing, procedures, customer care etc.

No changes in software. Example: Whois

Obiekt Domena:

domena: xn--kozowski-8ob.pl

typ: FIRMOWA

id abonenta: nsk001

serwer nazw: atos.warman.com.pl. [195.187.244.6]

serwer nazw: eomer.warman.nask.pl.

utworzona: 2003.03.21

id Registrara: nask

Abonent:

firma: NAUKOWA I AKADEMICKA SIEĆ KOMPUTEROWA

ulica: UL. WĄWOZOWA 18

miasto: 02-796 WARSZAWA

lokalizacja: PL

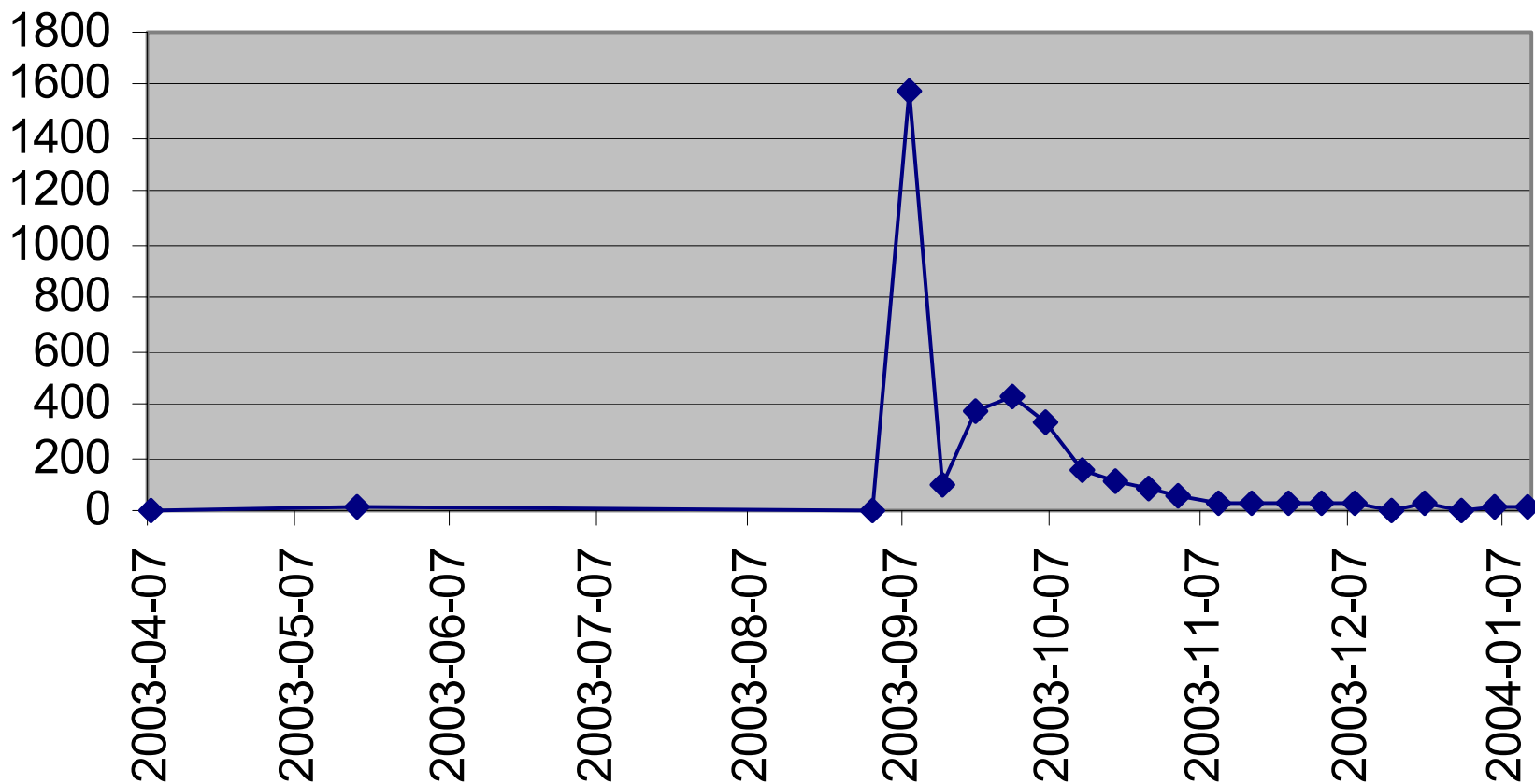
identyfikator: nsk001

id Registrara: nask

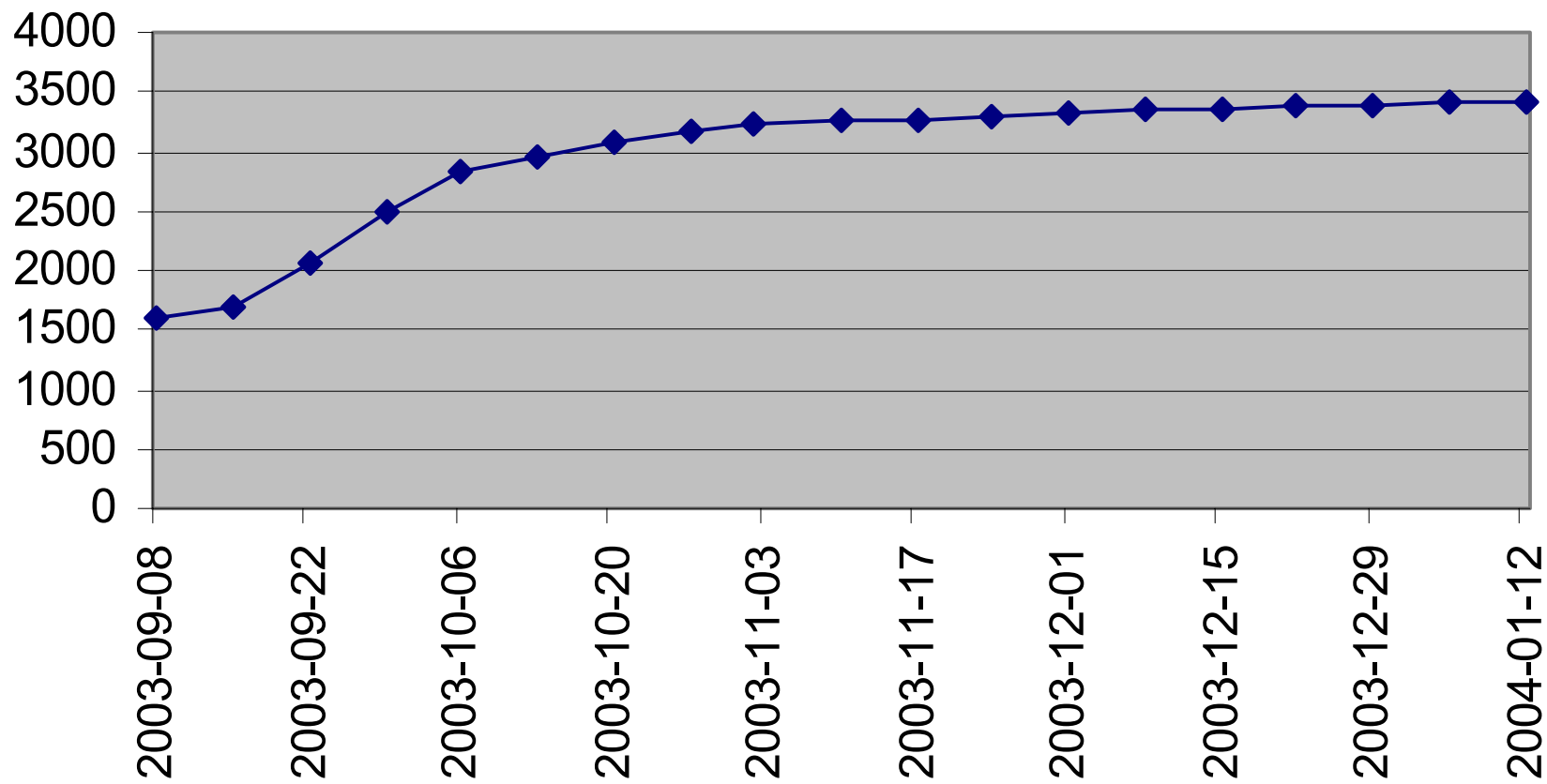
- The object of the contract is the ACE form of the domain name
The registration of domains with hypens on 3rd and 4th positions and other than 'xn' prefix remains prohibited,
- **Combination of characters from different sets is not allowed.**

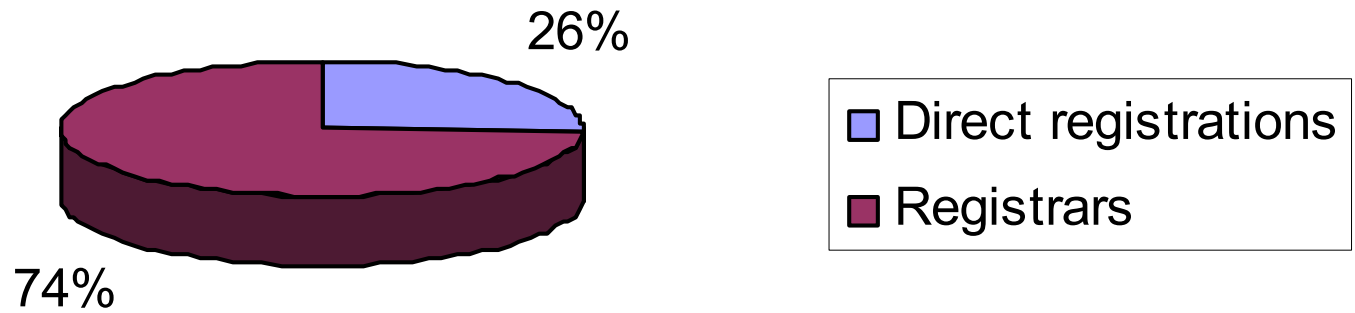
- Maximum length of domain name: 63,
- Minimum length on domain name: 1,
- Max & min length refers to ACE version.

New registrations, Weekly



New registrations, growing, weekly





Advertisements for IDNs

Polskie znaki w domenach

Miałeś problem z wybraniem nazwy domeny? Teraz już go nie masz!!!

Od 18 września rozpoczynamy rejestrację pozostałych domen z polskimi znakami.

NIE CZEKAJ - REJESTRUJ! - żeby znowu nie było za późno!!!

onetDomeny

Rejestrujemy prawdziwe nazwy!

zolw ≠



Domeny .pl i com.pl **50% taniej!**

www.domeny.onet.pl

NOWOŚĆ

Rejestracja domen ąśźćóńłż.pl!

Rejestracja domen w domenie .pl zawierających znaki: ąśźćóńłż jest możliwa już dziś! Jeśli chcesz zarejestrować nazwę w języku polskim, to możesz zrobić to teraz.

Przeczytaj obszernie info, sprawdź czy nazwa jest wolna i rejestruj!



Promocja trwa !!! - 60% rabatu !!!

za domenę **Twojanazwa.pl**

80 zł netto

za domenę **Twojanazwa.com.pl**

60 zł netto

Od kilku dni rejestrujemy domeny z rozszerzeniem .pl

z polskimi znakami **ąęłóśźć.pl**

np: źródelko.pl za **80 zł netto**

- Press conference – April 2003,
- Press Releases i.e.
 - „Gazeta Wyborcza”
 - “Rzeczpospolita”
 - “ComputerWorld”
 - “InternetStandards”
 - „BiznesNet”
 - “e-biznes”
- TV/Radio Broadcast: “Zet”, “Trójka”, “94”, “Radio Katowice”, “Tok FM”, „TV4”

andrzej.bartosiewicz @ NASK.pl

More info:

www.IDN.pl

Presentations:

www.bartosiewicz.pl