.UA ccTLD overview

2011

.UA Domain Timeline

- December 1992 – cctld .UA created in IANA database (Igor Sviridov)

- Admin-contact: Dmitry Kohmanyuk since 1995

- Since 2001 .UA is operated by Hostmaster Ltd.

- 2001 – new policy of .UA domain adopted

- 2009 – a member of RIPE NCC

- June 2010 – half a million domain names registered

- Oct 2010 – IDN registration started.

.UA Name Space

- Geographical public domains: kiev.ua lviv.ua odessa.ua … (total 48)
- Public domains for target community: com.ua gov.ua net.ua edu.ua org.ua in.ua dominic.ua
- Private domains - brand.ua
- Reserved/special domains (www, ns, whois)

Public domains

Geographical   For administrative districts of Ukraine

COM.UA   Commercial

GOV.UA   Government

NET.UA   Network service providers

EDU.UA   Educational organizations

ORG.UA   Other organizations (non-commercial)

IN.UA   Domain for individuals

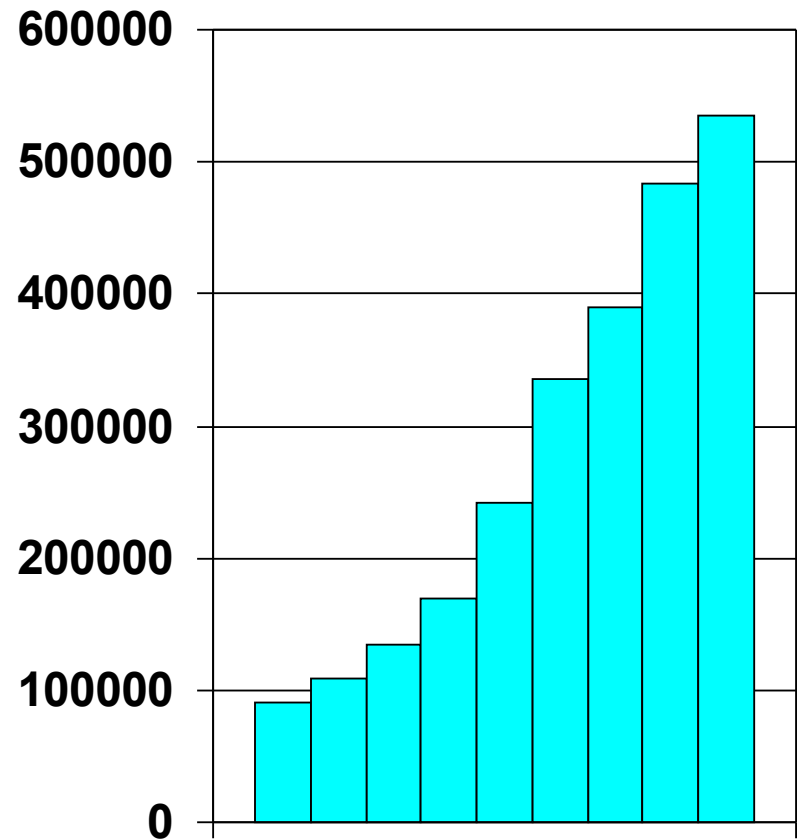DOMINIC.UA   Community of the Dominican friars

Private domains

- From .UA Domain policy: "For the purpose of protection of legitimate interests of the Ukrainian Internet-community members with regard to their intellectual property, private second-level domain names in the .UA domain are delegated exclusively in case if the spelling of the corresponding full domain name or its second-level component (before the "." character but not including it) coincides with the Trademark, with regard to which the corresponding registrant has the rights of use on the territory of Ukraine."
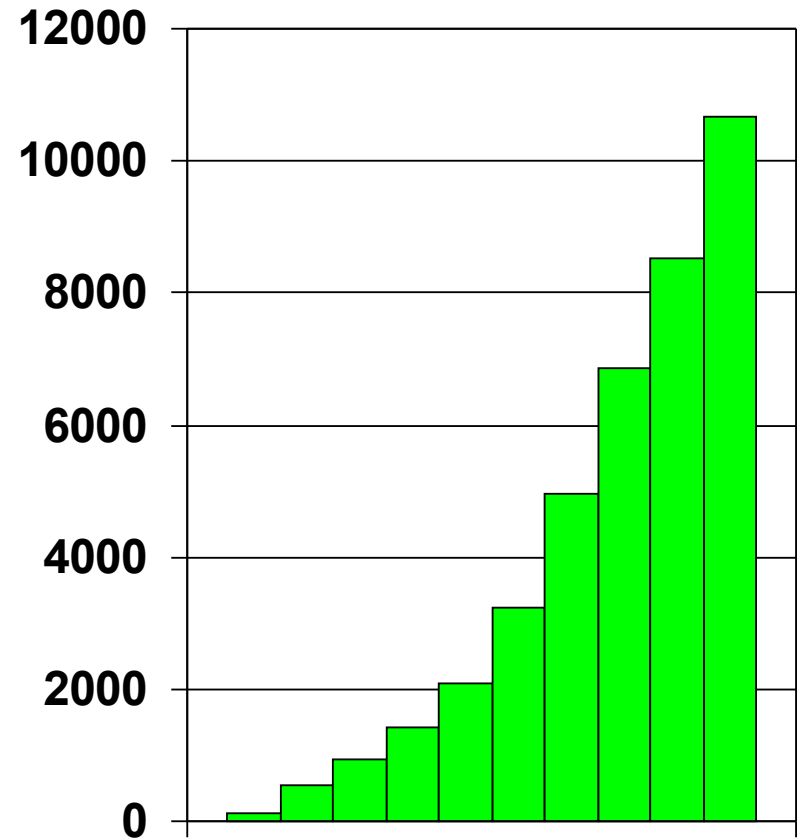
Domain Name Count
(both second and third levels)

Year	Count	Growth (%)
2002	90690	-
2003	109315	20.5
2004	133907	22.5
2005	169644	26.7
2006	241666	42.5
2007	335073	38.6
2008	390197	16.4
2009	483601	23.9
2010	534579	29.8

Private Domains Statistics

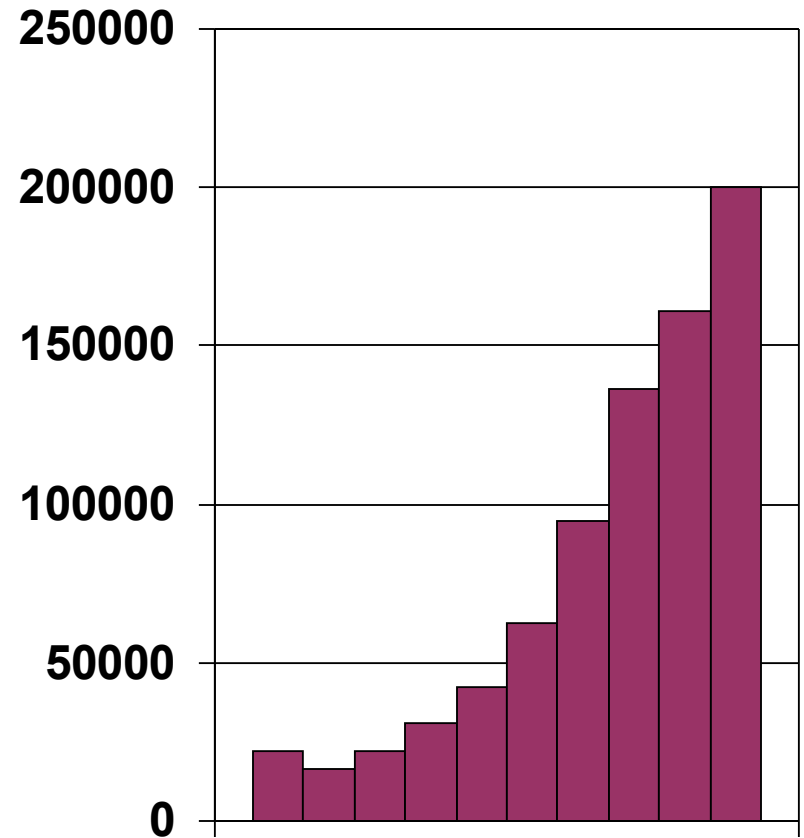| Year	Count
2001	115
2002	550
2003	949
2004	1429
2005	2096
2006	3238
2007	4971
2008	6854
2009	8530
2010	10670

.COM.UA Facts

- Registry-Registrar model
- 180+ registrars
- 200 000 domains registered (Nov 2010)
- 40 000 growth (in year 2010)
- 70-80% renewals rate

.COM.UA Rules

- First come, first served
- No limits on number of domains
- No check for NS operational
- No local presence required
- Registration for 1…10 years
- Protocols: RRP, email, web
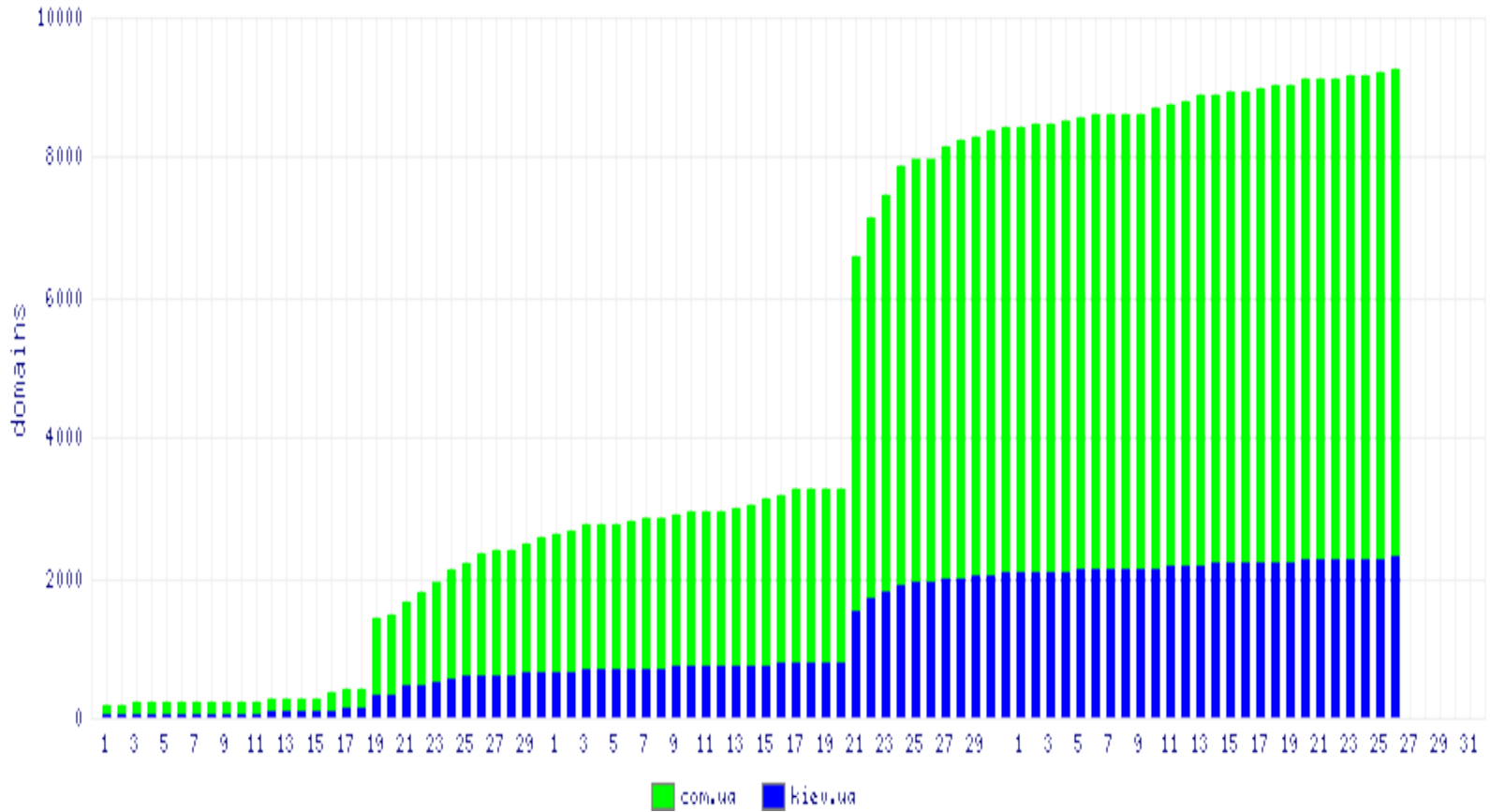- IDN allowed since Oct 2010

COM.UA Statistics

Year	count
2001	22284
2002	16190
2003	22019
2004	31153
2005	42489
2006	62186
2007	94800
2008	138353
2009	161122
2010	200149

IDN launch (Oct 2010)

- Script: Cyrillic (includes Ukrainian, Russian, Byelorussion, …)
- Stages:

    1. sunrise (trademarks only) 19 Oct …17 Nov

    2. landrush (registration for 10 years) - 19 Nov … 19 Dec 2010

    3. open - from 21 Dec 2010

- Results

IDN Domains Graph

Technical overview: DNS

- High availability
- 8 global nodes (ipv4, ipv6)
- Own anycast cloud since 2002 (in 2010 – ipv6)
- CommunityDNS node
- L-root node (installed in Dec 2010), two more pending
- Whois – 3 nodes (ipv4, ipv6)

Technical overview: Registry

- Thick registry model (all domain and contact details are stored at central location)

- Database systems: Postgres, Oracle (Unix)

- High availability and reliability by load-balanced architecture

- Daily backup

Changes to Come

- EPP implementation
- IPv6 at user level
- DNSSEC
- Unification of rules and procedures in 2ld domains