



COORDINATION CENTER
FOR TLD .RU/.PФ

Are ccTLD registries ready for Universal Acceptance?

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cctld.ru | кц.рф



UA Readiness Discussion

Think about it!

- What does Universal Acceptance mean for ccTLD registries?
- Are ccTLD registries involved in UA issues? How?
- Should ccTLD registries make all their systems UA Ready? Why?
- What do ccTLD registries need to achieve UA Readiness compliance?
- What can be done by ccTLD registries for wider UA implementation and awareness rising?

UA Categories Affected

⦿ **Domain Names:**

- **New** top-level domain names: example.sky
- **Long** top-level domain names: example.africa
- **Internationalized** domain names: ёпочта.рф

⦿ **Internationalized email addresses (EAI):**

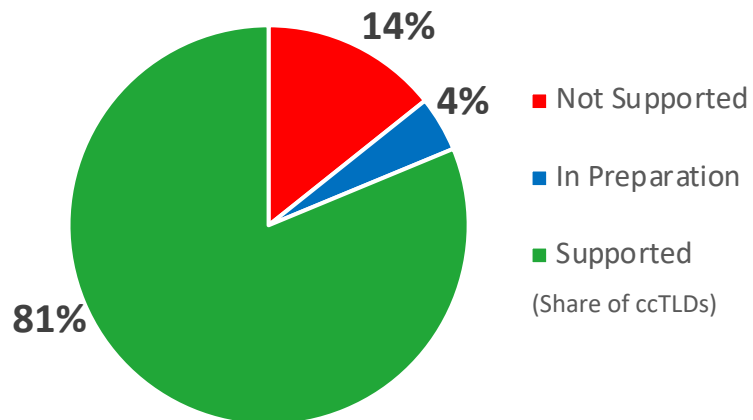
- ASCII@ASCII (new and long TLD) ekrem@misal.istanbul
- ASCII@**IDN** marc@société.org
- **Unicode**@ASCII 测试@example.com
- **Unicode**@**IDN** пример@тестовая-зона.рф
- **Unicode**@**IDN**; right to left scripts موقع.مثال@میل-ای

More about Universal Acceptance on UASG website <https://uasg.tech/>

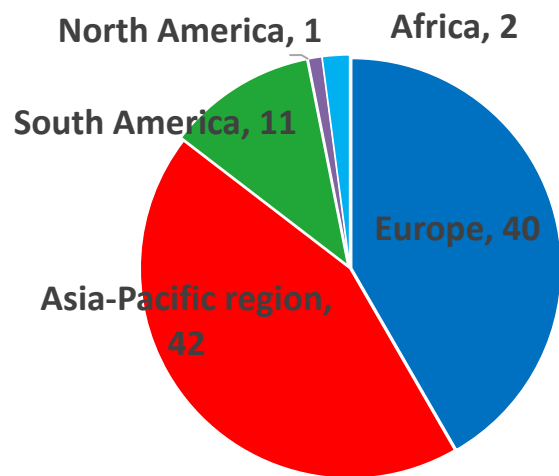
IDN Survey 2020

UA Readiness of ccTLD registries

IDN registrations at the second level



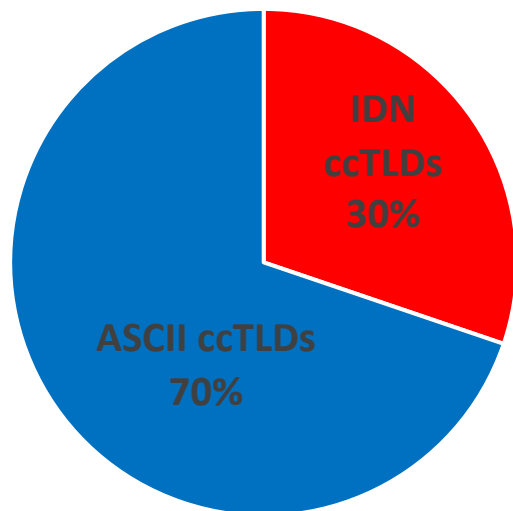
ccTLDs with IDN registrations available by region



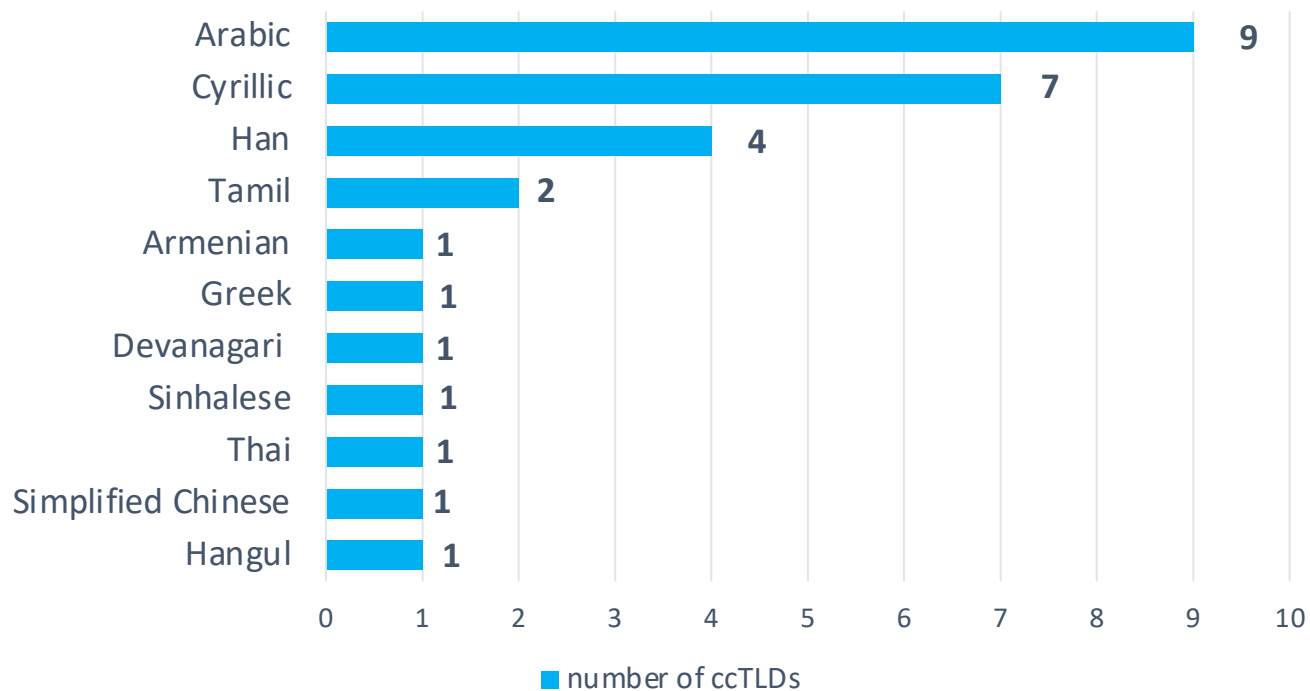
IDN Survey 2020

UA Readiness of ccTLD registries

ccTLDs supporting
IDN registrations



Scripts offered in IDN ccTLDs surveyed

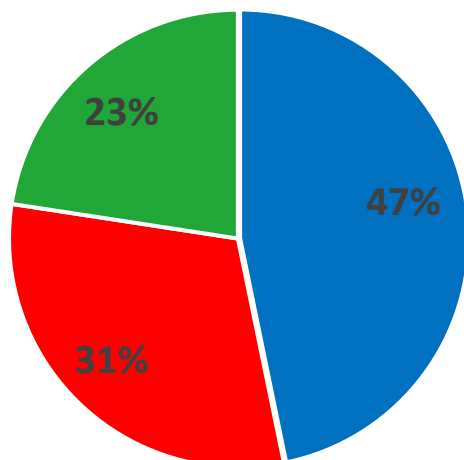




IDN Survey 2020

UA Readiness of ccTLD registries

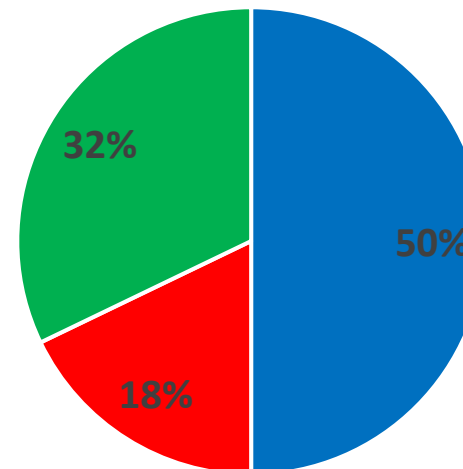
Form of IDN record
in Registry/Database



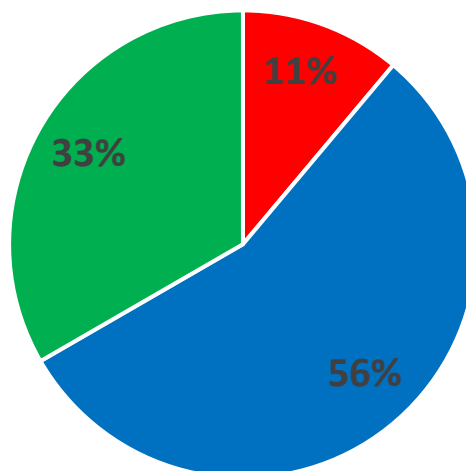
- IDN and xn--
- xn-- only
- IDN only

(Share of ccTLDs)

Form of IDN display
in user interfaces



Can IDN be displayed in WHOIS service?



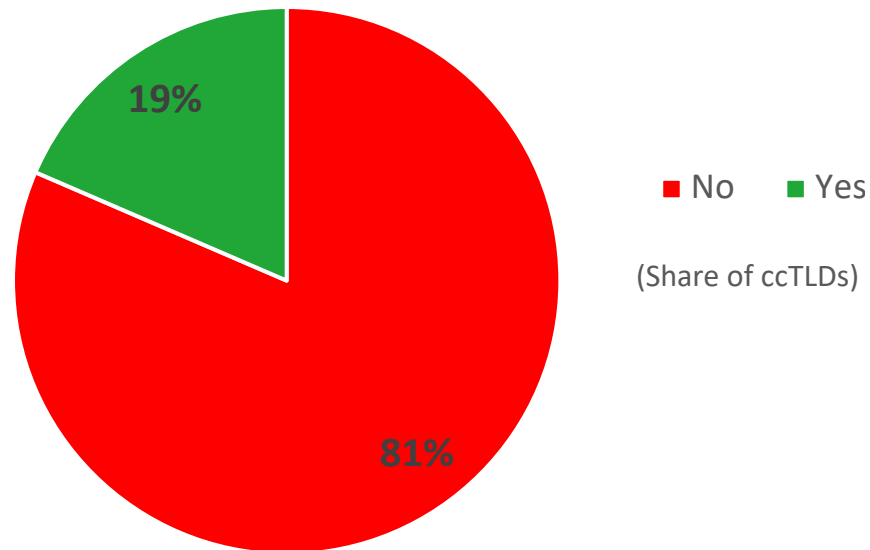
- Not allowed
- Web-based WHOIS only
- Port 43 and web-based WHOIS

(Share of ccTLDs)

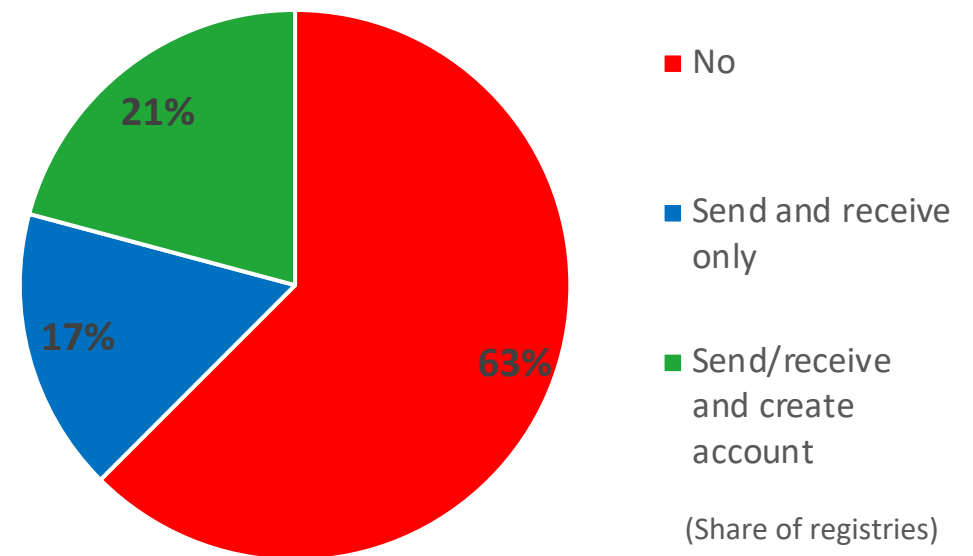
IDN Survey 2020

UA Readiness of ccTLD registries

**Are mailbox names with Unicode symbols
(before or after @) permitted as Contact email
within Registry/Database?**



**Does your organization mail server support
work with Unicode mailbox names?**



Full Report on IDN Survey 2020:

<https://cctld.ru/upload/iblock/937/IDN%20Survey%202020%20Report%20%20Eng.pdf>

IDN Survey 2020/2021

Some considerations:

- Lack of knowledge on Universal Acceptance (technical aspects)
- Low level of EAI support (registry software environment elements)
- IDNs to address registry resources (case studies)

Take part in IDN Survey 2021!

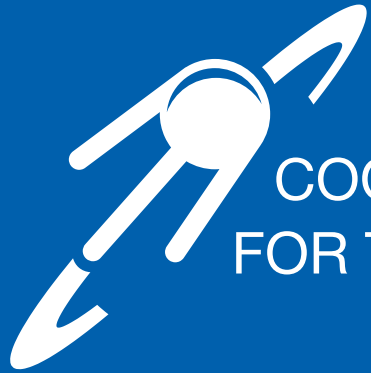
Link is shared through CENTR, APTLD, LACTLD, AFTLD.

*Learn more on IDN worldwide statistics at IDN World Report - <https://idnworldreport.eu/>

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Thank you!

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