

Introduction to Universal Acceptance of Domain Names and Email Addresses



Vision

All domain names and email addresses work in all software applications

Impact

Promote consumer choice, improve competition, and provide broader access to end users: The Next Billion

<https://uasg.tech/about/>

⦿ Domain Names

- **Newer** top-level domain names: example.sky
- **Longer** top-level domain names: example.abudhabi
- **Internationalized** domain names उदाहरण.भारत

⦿ Internationalized email addresses (EAI):

- **ASCII@IDN** marc@société.org
- **Unicode@ASCII** ईमेल@example.com
- **Unicode@IDN** ईमेल@उदाहरण.भारत
- **Unicode@IDN**; right to left scripts ای-میل@مثال.موقع



Accept



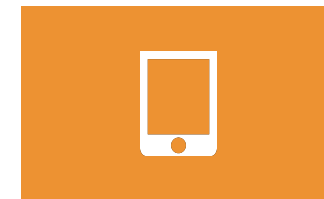
Validate



Process

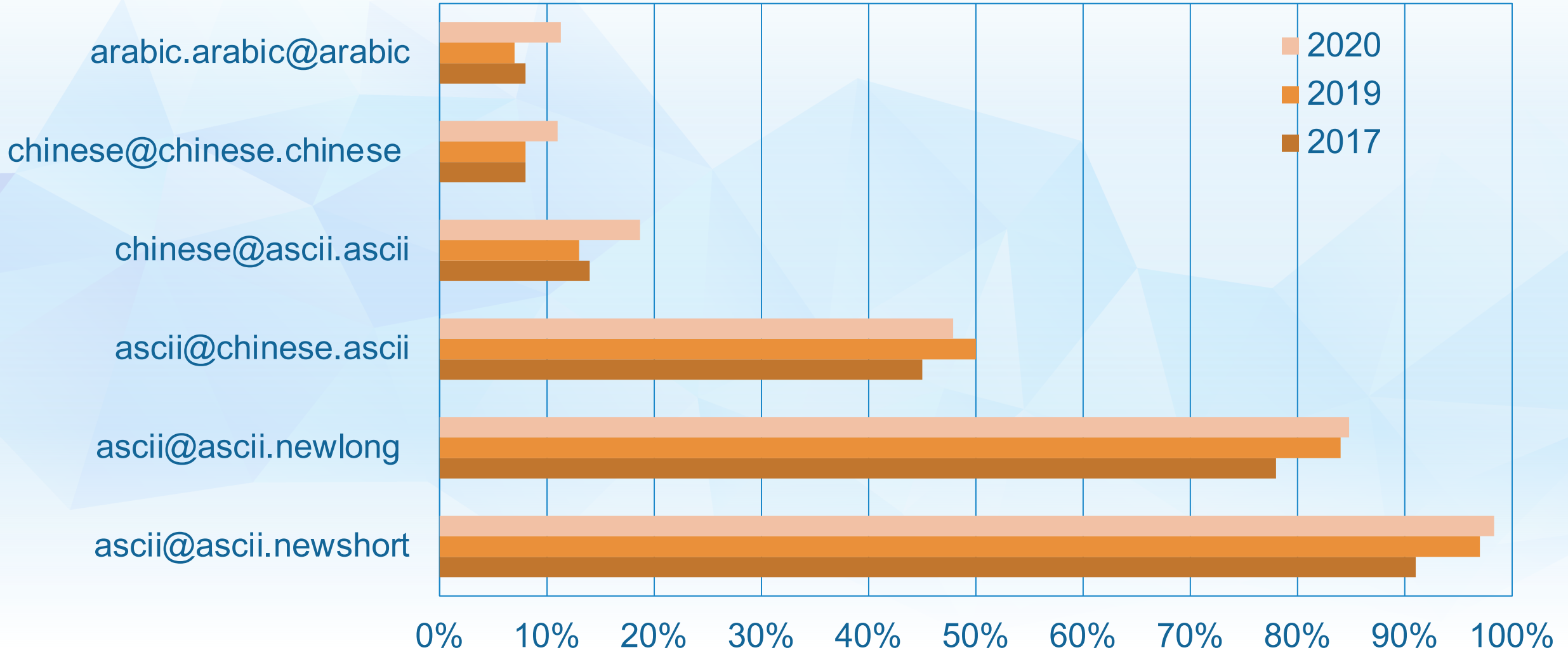


Store



Display

Acceptance of Email Addresses in Websites Globally



- ⦿ ICANN's community has identified Universal Acceptance (UA) as a priority area.
 - Community organized Universal Acceptance Steering Group (UASG).
 - The At-Large Advisory Committee (ALAC) and the Governmental Advisory Committee (GAC) have formed working groups focusing on UA.

- ⦿ ICANN org focuses on UA work. UA part of the [ICANN Strategic Plan for 2021-2025](#) which was [adopted](#) by the ICANN Board. In promoting the Unique Identifier System in this plan, a strategic goal asks to:
 - Foster[ing] competition, consumer choice, and innovation in the Internet space by increasing awareness and encouraging readiness for Universal Acceptance, IDN implementation, and IPv6.
 - ICANN Board oversees the work through its Board IDN and UA Working Group.

- ⦿ **Technology Enablers** - Organizations producing relevant standards and best current practices and providers of software programming languages, tools and frameworks.
- ⦿ **Technology Developers** - Organizations and individuals developing and directing applications.
- ⦿ **Email Software and Service Providers** – Organizations and individuals providing internationalized email software and services.
- ⦿ **Government Policy Makers** - Government officials, as an explicit group, are included to try to generate demand for UA Ready products and services through accessibility standards and procurement processes.

We request the community to help address UA readiness and lead by example:

1. **Raise awareness** of the technical problems within the community.
2. **Organize trainings** in the community to learn how to fix the problem.
3. **Encourage fixing the UA problems** in the systems (e.g. upgrade email services to support email addresses in local languages) of members and the community.
4. **Use UA ready systems** as a community to create the necessary demand to convince the private sector, e.g. start using an email address in local language.
5. **Share experiences** on becoming UA ready: the challenges, the journey and the rewards.
6. **Advocate more broadly** to others to support UA in their systems (e.g. in e-govt. services; the private sector organizations, etc.).

Such activities may be undertaken in collaboration with UA Local Initiative and UA Ambassadors.

- ⦿ Access all UA documents and presentations at website: <https://uasg.tech>
- ⦿ Access details of ongoing work from wiki pages: <https://community.icann.org/display/TUA>
- ⦿ Register to participate or listen in the UA discussion list at: <https://uasg.tech/subscribe>
- ⦿ Register to participate in UA working groups [here](#)

- ⦿ For more information, email info@uasg.tech or UAProgram@icann.org