

Addressing UA Readiness Through Analysis, Training and Remediation

At-Large Policy Session: Aligning UA and IDNs with the Multilingual Internet: End-user perspectives

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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.

⦿ Domain Names

- **Newer** top-level domain names: example.**sky**
- **Longer** top-level domain names: example.**africa**
- **Internationalized** domain names **คน.ไทย**

⦿ 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** **ईमेल@उदाहरण.भारत**
- **Unicode@IDN**; right to left scripts **ای-میل@مثال.موقع**



Accept



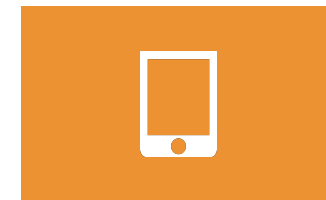
Validate



Process

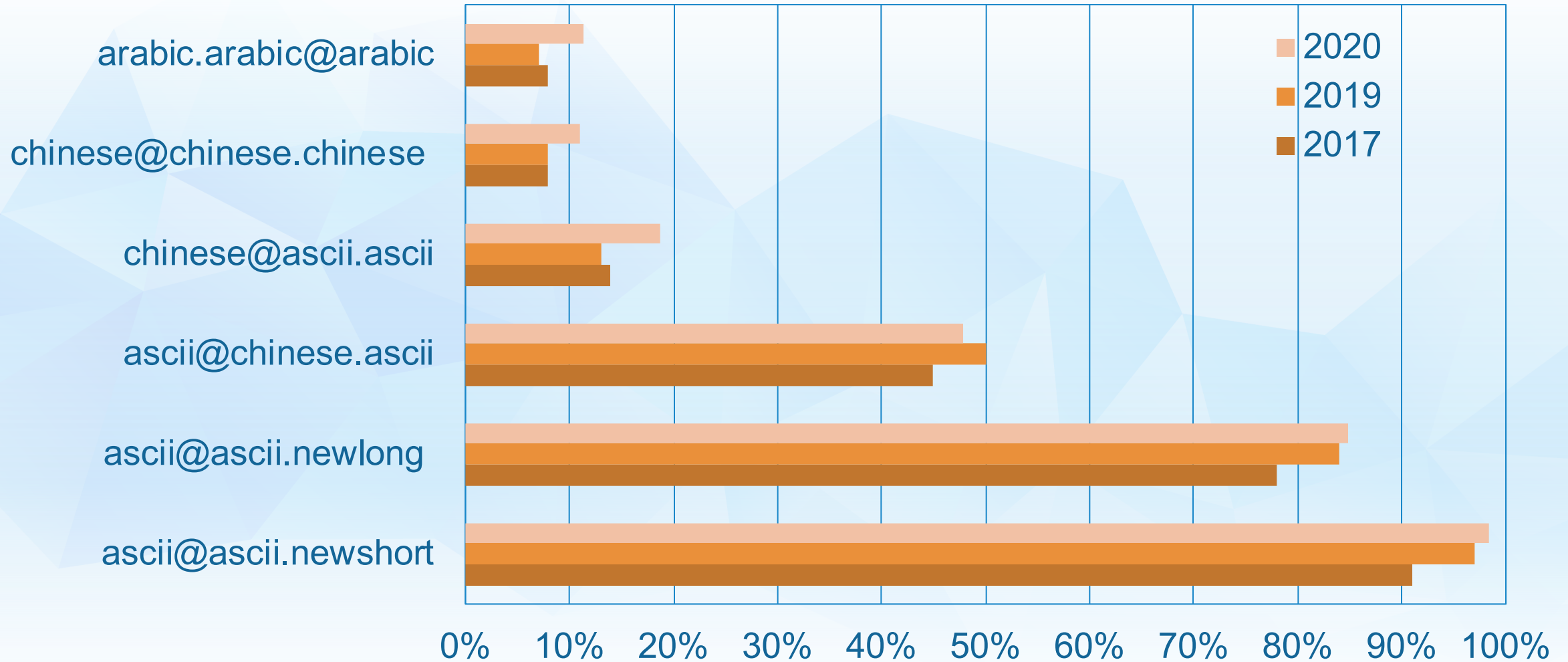


Store



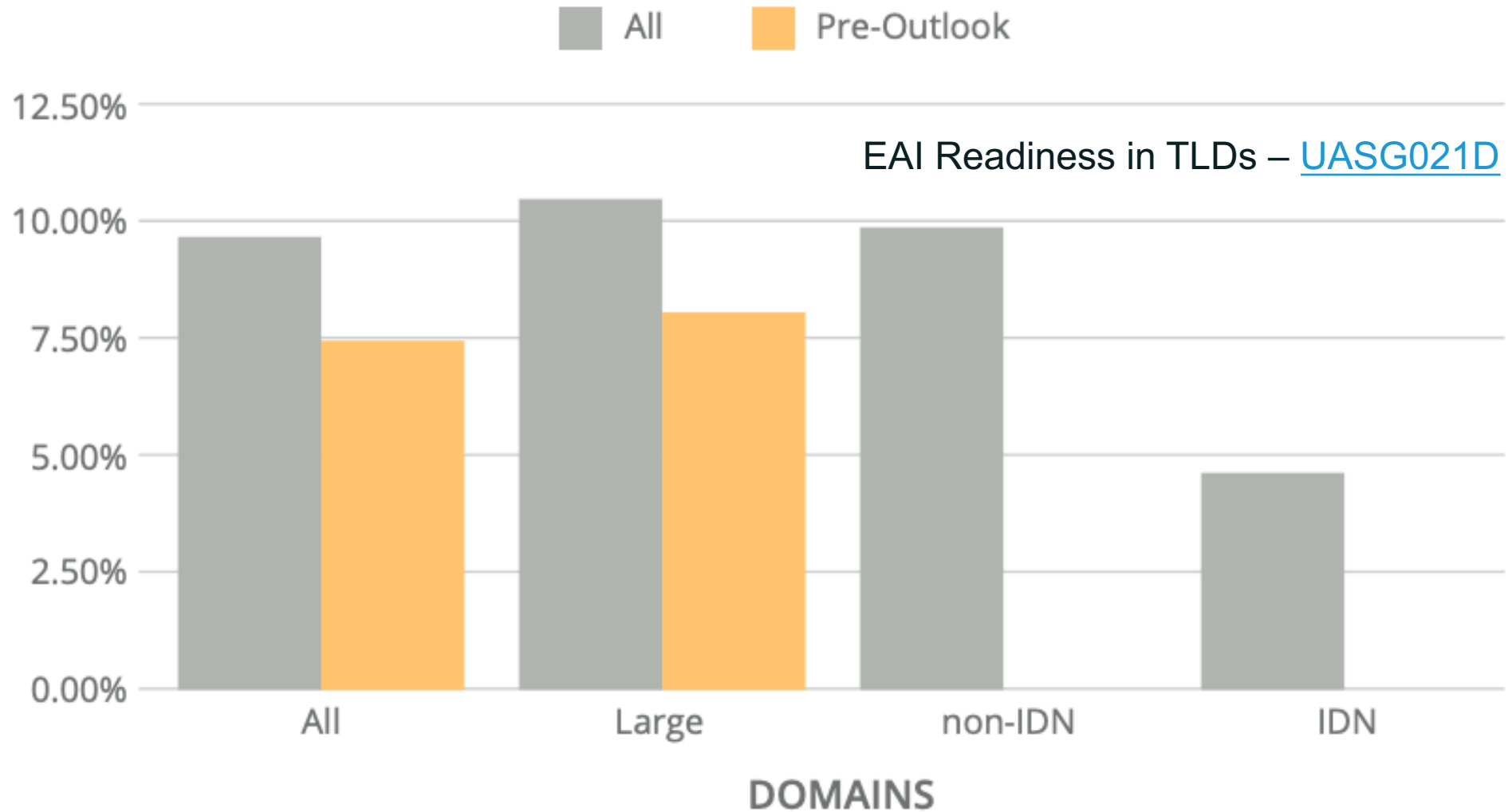
Display

Acceptance of Email Addresses in Websites Globally



Global Evaluation of Websites for Acceptance of E-mail Addresses in 2019 - [UASG025](#)

Email Servers to Configured to Support EAI in 2019



Test your email server for EAI support: <https://uasg.tech/eai-check/>

- ⦿ 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.

We request the community to help address UA readiness:

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.

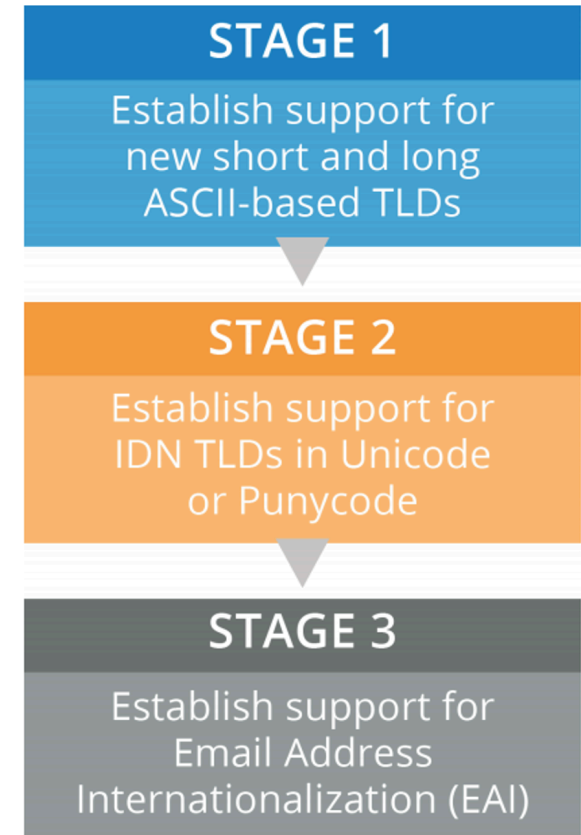
- ⦿ Training materials being developed (currently available at the [training wiki page](#)).
 - [UA Technical Overview](#) Overview 1.5 hours
 - [Configuring for EAI](#) Email 3 hours
 - [UA for Java Developers](#) Programming 3 hours

- ⦿ UA Train-the-Trainer Program
 - 40+ volunteers from 17 countries who already identified to help conduct trainings.
 - [UA Technical Overview](#) 18 May 2020
 - [Configuring for EAI](#) 15 and 18 June 2020
 - [UA for Java Developers](#) Week of 20 July 2020
 - More training to follow

- ⦿ Training already being rolled-out locally and regionally by UA Ambassadors and UA Local Initiatives.

- ⦿ Identify the systems and applications which face your customers or community.
 - Website and services through the website
 - Email service
 - Mobile apps
 - Other online applications
- ⦿ Prioritize the applications based on the criteria around end users.
- ⦿ Undertake a gap analysis of these system starting from higher priority applications.
 - Check if these input, validate, process, store and display the following:
 - Domain names
 - Email addresses
- ⦿ For the applications which have UA related gaps, test these to be UA readiness.

- For the applications which have UA related gaps, test and update these to be UA ready using [UA Readiness Framework](#).
 - Testing on the variety of domain name and email formats, as provided in [Use Cases for UA Readiness Evaluation](#).
- ICANN's journey to UA-Readiness
 - Stage 1: Support both new short and long ASCII TLDs – completed.
 - Stage 2: Support Internationalized Domain Names (IDNs) – in 2020.
 - Stage 3: Support non-ASCII email addresses – in progress.
 - See details in [ICANN's Case Study](#).
- For new applications, develop or [procure](#) with UA readiness.



- ◉ See <https://uasg.tech> for a complete list of UA reports, evaluations, and technical documentation, including translations.
 - Country-Based Evaluation of Websites for Acceptance of Email Addresses in 2020 - [UASG027](#).
 - Universal Acceptance Readiness Framework - [UASG026](#).
 - Global Evaluation of Websites for Acceptance of E-mail Addresses in 2019 - [UASG025](#).
 - EAI Readiness in TLDs – [UASG021D](#).
 - EAI: Evaluation of Major Email Software and Services - [UASG021B](#).
 - Introduction to Universal Acceptance - [UASG007](#).
 - Universal Acceptance Quick Guide - [UASG005](#).
- ◉ [UASG Blogs](#)
 - [ICANN UA Case Study](#)
 - [UA Ambassadors Work](#)

- ⦿ 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

Engage with ICANN – Thank You and Questions



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