APAC Space web conference

Universal Acceptance / Email Address Internationalization

8 May 2018

Agenda

- **Welcome Remarks** (5 mins)
- **Introduction to ICANN Reviews** (10 mins)
- **Conversation on Universal Acceptance / Email Address Internationalization** (40 mins)
- **AOB** (5 mins)

What is APAC Space?

“Space” for APAC Community Members

- “Practice Ground” to facilitate community discussion -> Participate in ICANN
- Community-led

What is APAC Space?

How is it conducted?

- Bi-monthly web conference and face-to-face at ICANN meetings
- Presentation on topic, followed by community discussion
- Community mailing list: discuss@apacspace.asia
  - Facilitates setting of agenda
  - Raise discussion issues
- Community wiki page: https://community.icann.org/display/GSEAPAC/APAC+Space

What is APAC Space?

Focus areas:

- DNS industry topics
- ICANN Policy Development Processes, and
- ICANN Reviews

ICANN Reviews

APAC Web Space Conference
8 May 2018

Sherwood Moore, Negar Farzinnia

Multistakeholder Strategy and Strategic Initiatives (MSSI)

ICANN

Reviews Help Us Look at the Past

Processes

Actions

Outcomes

To Improve the Future

Innovate and evolve

Stay accountable

ICANN

Specific Reviews

Accountability and Transparency Review (ATRT)

Competition, Consumer Trust and Consumer Choice Review (CCT)

Registration Directory Service Review, formerly known as "WHOIS" (RDS/WHOIS)

Security, Stability and Resiliency of the Domain Name System (DNS) Review (SSR)

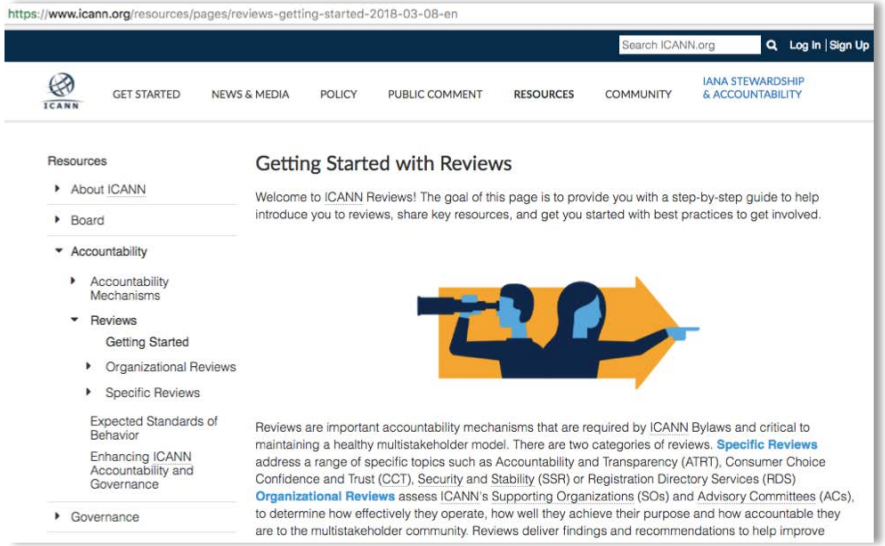
Organizational Reviews

- ALAC — At-Large Advisory Committee (ALAC) Review
- ccNSO — Country Code Names Supporting Organization (ccNSO)
- GNSO — Generic Names Supporting Organization (GNSO)
- RSSAC — Root Server System Advisory Committee (RSSAC)
- SSAC — Security and Stability Advisory Committee (SSAC)
- ASO — Address Supporting Organization (ASO)

Review Resources

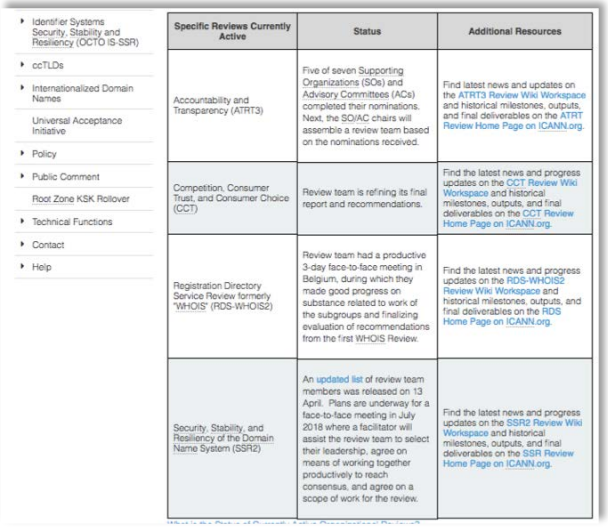
If you are new to reviews and want to learn more about the resources available to help you track and engage in them, visit “Getting Started with Reviews” on ICANN.org :

Link:https://www.icann.org/resources/pages/reviews-getting-started-2018-03-08-en

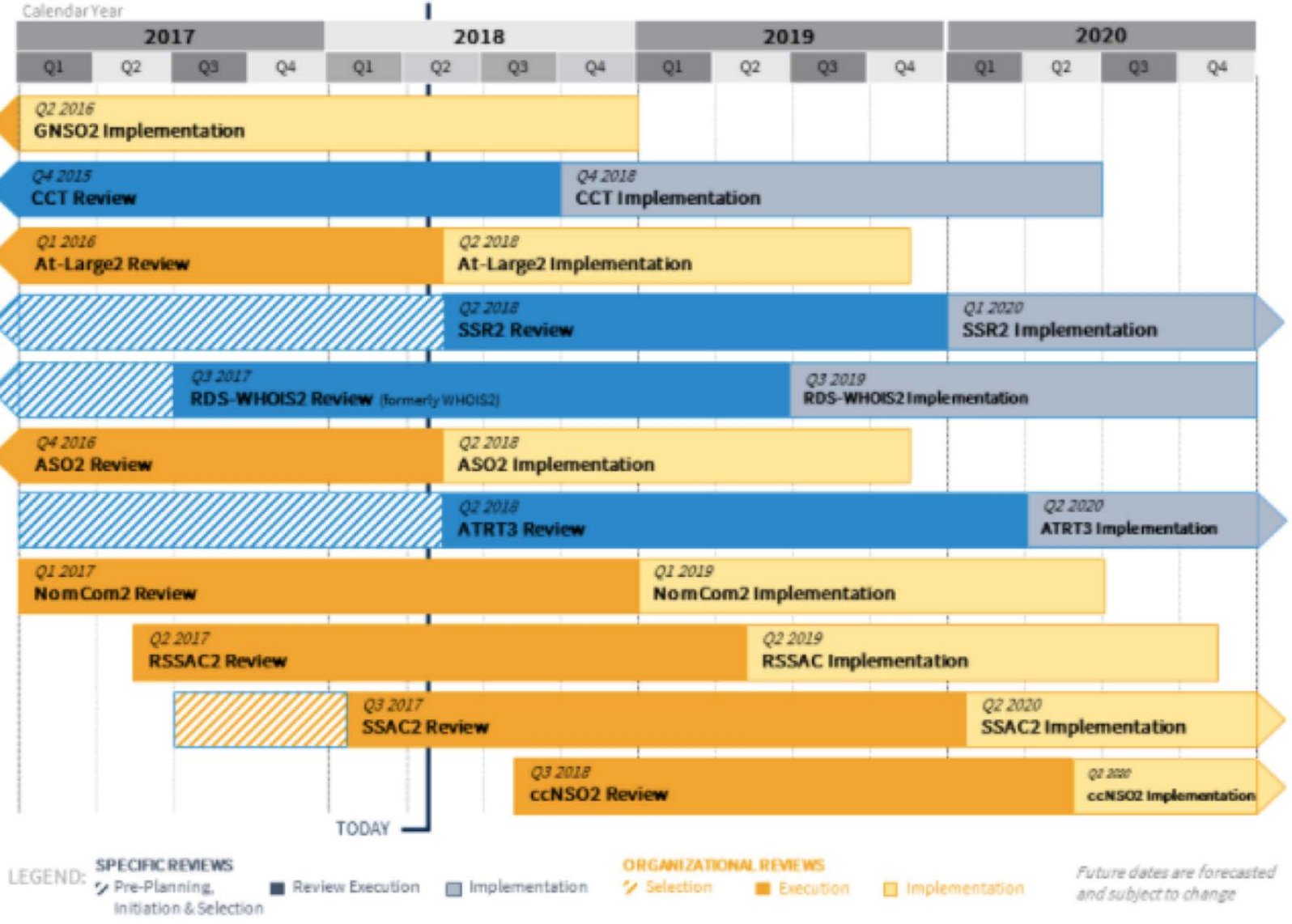


If you are well-informed about reviews and want to monitor progress, visit the “Review Status Update Tables” that have been created on ICANN.org

Link: https://www.icann.org/resources/reviews



Reviews Timeline



Engage with ICANN

Thank You and Questions

Visit us at **https://www.icann.org/resources/reviews**
Sign-up to stay updated:
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Let's Talk about Universal Acceptance

Dr Ajay Data
UASG Member

Jiankang Yao
UASG Member

Edmon Chung
APAC Space
Community Facilitator

APAC Space Web Conference

8th May 2018

Ajay Data (XgenPlus) and **Jiankang Yao** (CNNIC)
In Conversation on
Universal Acceptance &
Email Address Internationalization

Dr. Ajay Data
अजय@डाटा.भारत

Jiankang Yao

Agenda

1. Introducing Universal Acceptance
2. Introducing EAI
3. EAI support by Microsoft
4. Issues & Challanges
5. Experience EAI
6. Questions and Answers

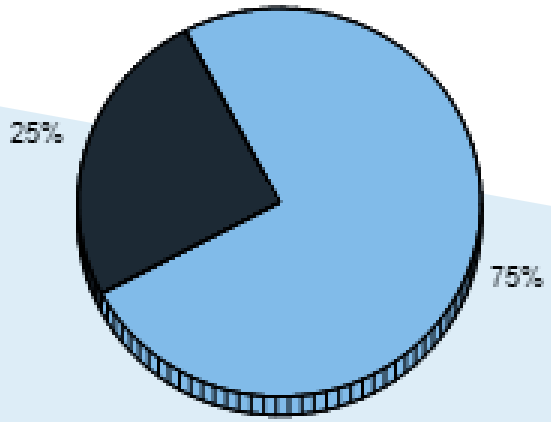
Universal Acceptance

All Internet applications and systems must treat all TLDs in a consistent manner, including new gTLDs and internationalized TLDs.

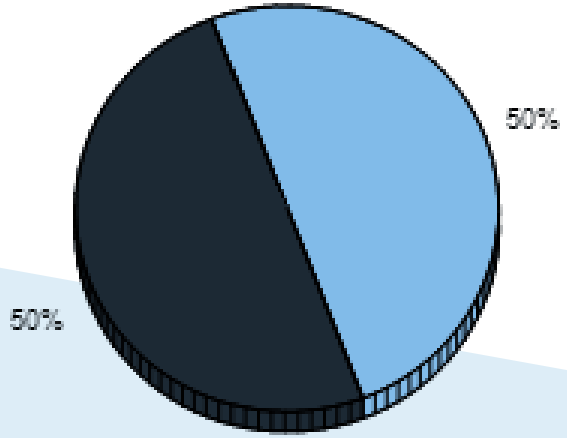
Specifically, they must accept, validate, store, process and display all domain names.

Warm-up Exercise

*According to w3techs, which of the following pie charts most closely represents the fraction of websites on the Internet that are primarily English language based content**?***



25% English
75% All other



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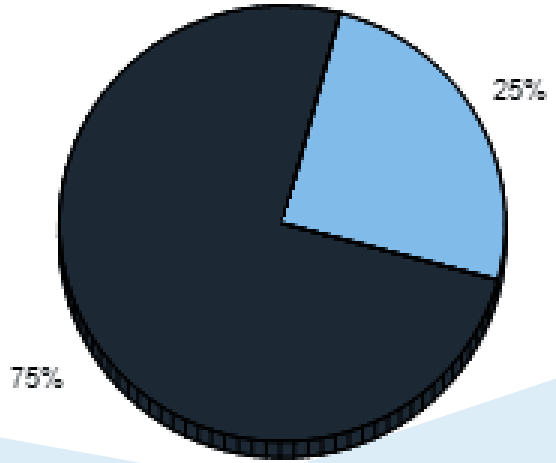
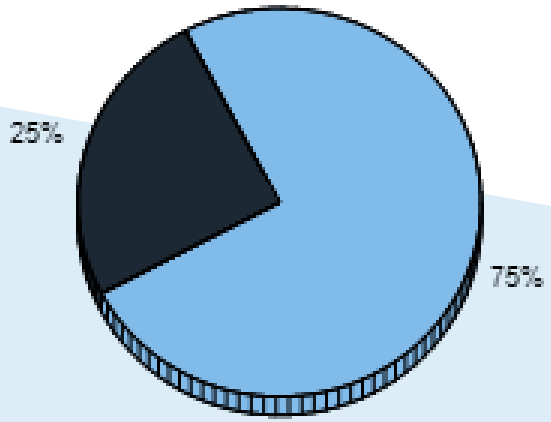


75% English
25% All other

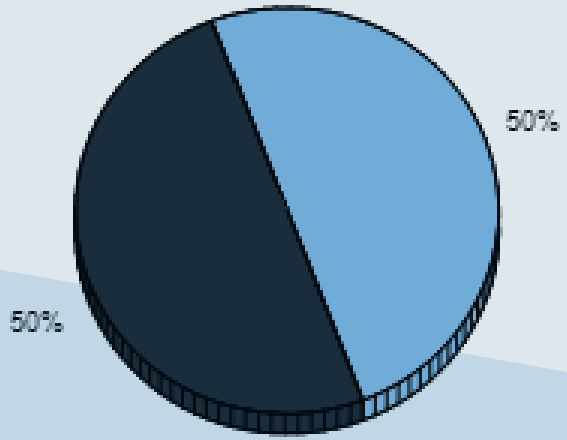
Actual data can be found at https://w3techs.com/technologies/history_overview/content_language/ms/y. Data shown is approximate.

Warm-up Exercise: Solution

According to w3techs, which of the following pie charts most closely represents the fraction of websites on the Internet that are primarily English language based content?



25% English
75% All other



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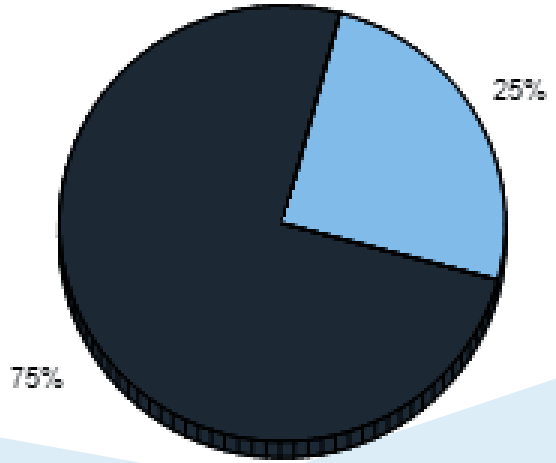


75% English
25% All other

Actual data can be found at https://w3techs.com/technologies/history_overview/content_language/ms/y. Data shown is approximate.

Warm-up Exercise

Each of the 3 groups below contain lists of Top Level Domains (TLDs) that are valid (approved and delegated by ICANN), except that each list contains one made-up or invalid TLD. ***Which TLD in each group is invalid?***

Group A	Group B	Group C
嘉里	ABC	GMAIL
ANALYTICS	مصر	قطر
BLOCKBUSTER	ATHLETA	JOY
DIAMONDS	இலங்கை	LIKE
HOTELES	CANCERRESEARCH	hɯɹ
广东	CITIC	ONYOURSIDE
MOVISTAR	新加坡	OOO
இந்தியா	ESURANCE	فلسطين
REALLY	FAKE	SILLY
政务	ไทย	SUCKS

Warm-up Exercise

*The 3 invalid TLDs are highlighted below in **red**. There are 1541 valid TLDs (as of January 2nd, 2018), and the list is continuing to grow.*

Group A	Group B	Group C
嘉里	ABC	GMAIL
ANALYTICS	مصر	قطر
BLOCKBUSTER	ATHLETA	JOY
DIAMONDS	இலங்கை	LIKE
HOTELES	CANCERRESEARCH	hɯɹ
广东	CITIC	ONYOURSIDE
MOVISTAR	新加坡	OOO
இந்தியா	ESURANCE	فلسطين
REALLY	**FAKE**	**SILLY**
政务	ไทย	SUCKS

Original , Short and Long gTLDs

Original Seven gTLDs	Common cc TLDs	New gTLDs
.com	.de	.top
.org	.cn	.xyz
.gov	.uk	.loan
.edu	.nl	.club
.mil	.eu	.网址
.net	.ru	.信息
.int	.tk	.コム

Internationalized Domain Name: IDN

राजस्थान.भारत

मेल.डाटा.भारत

मेल.राहुलदेव.भारत

पत्रिका.भारत

मेल.माइक्रोसॉफ्ट.भारत

почта.рус

ડાટામેલ.ભારત

ਡਾਟਾਮੇਲ.ਭਾਰਤ

ডাটামেল্.ভারত

تارت.بهارت.ڈاٹامیل

డేటామెయిల్.భారత్

डाटामेल.भारत

داده.امارات

இந.இந்தியா

电邮.在线

датамэйл.рф

датамэйл.рус

දත්තකැපැල.ලංකා

ดาต้าเมล.ไทย

डाटाइंफोसिस.भारत

एक्सजेनप्लस.भारत

The Role of Universal Acceptance

Universal Acceptance Steering Group Activities

Review Popular Websites, Dev Frameworks, Browsers, OS

Build Use Cases, Test Environments, EAI Community

Outreach Live Workshops, Panel Discussions, Presentations

Writing Knowledge Databases, Whitepapers, Quick Guides

Visit uasg.tech

Email Address Internationalization: EAI

International email (IDN email or Intl email) is email that contains international characters (characters which do not exist in the ASCII character set), encoded as UTF-8, in the email header and in supporting mail transfer protocols. The most significant aspect of this is the allowance of email addresses in most of the world's writing systems, at both interface and transport levels.

Examples : EAI

Can you send email to this address ?

अजय.डाटा@uasg.tech

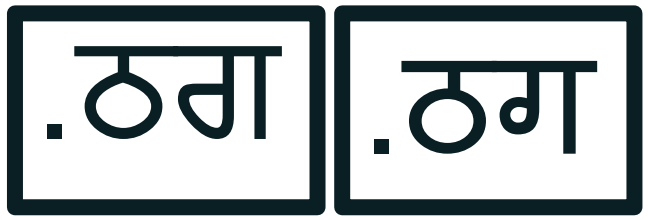
CC to

अजय@डाटा.भारत

Issues and Difficulties –EAI

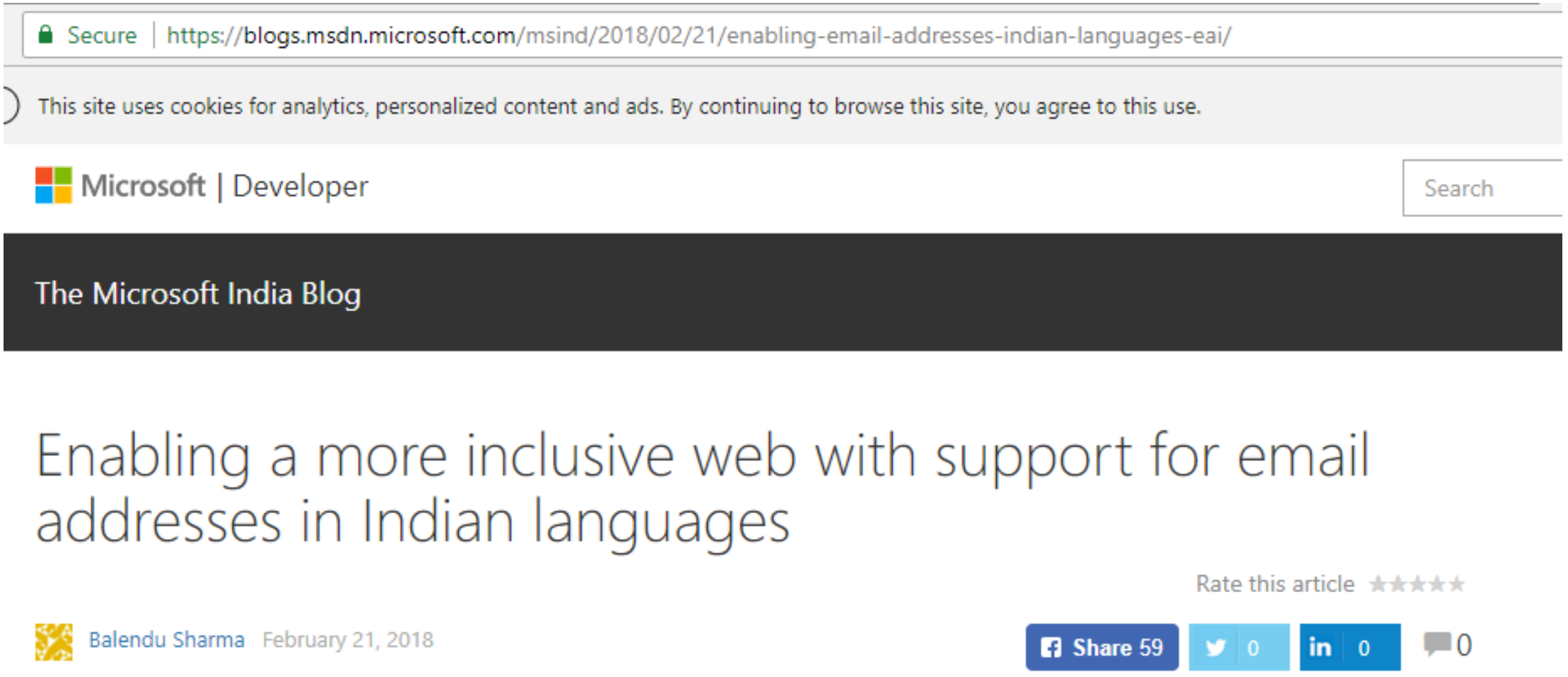
* 1. Number of Modules in Email Platform – Almost 40
* 2. Search and Support
* 3. UA readiness
* 4. Social Media
* 5. Ecommerce
* 6. Variants
* 7. Regional Value
* 8. Reach

Critical Difficulty for mailbox and receiving emails



Variant example for Gurumukhi and Devanagari

Microsoft supporting EAI



Microsoft supporting EAI – What it means ?

From: अजय.डाटा@uasg.tech
To: ajaydata@outlook.com

From: ajaydata@outlook.com
To: अजय@डाटा.भारत

Both are now possible and working

MS Outlook 2016 onwards EAI supported

Microsoft supported by XgenPlus

Microsoft Domain: मेल.माइक्रोसॉफ्ट.भारत

Hosted on : XgenPlus Email Platform

Role of XgenPlus

Providing Test Accounts of DataMail
Hosting email on मेल.माइक्रोसॉफ्ट.भारत
Tech Discussion for Implementation
Joint participation in working group meeting
Agreeing on Downgrading implementation

Microsoft Announces XgenPlus as partner

Thank You

Please join UASG group and get yourself UA Ready

visit **www.uasg.tech**

EXPERIENCE EAI

Get **Free** EAI Address on mobile

(Install Apps on iOS or Android)

DATAMAIL (15 language**),** **RAJMAIL (**Hindi**)** and **почта.рус** (Cyrillic)

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(Visit any of the following website)

mail.datamail.in | mail.rajasthan.in | mail.почта.рус | mail.icoremail.net | mail.bsnl.in

Reach me on @ajaydata on twitter or ajay@xgenplus.com

AOB

GDPR and Beyond: A Chronology

- 2013: RAA and Whois Requirements
- 2018: GDPR enforceable (25 May)
- 2017: (November) ICANN Contractual Compliance statement
- 2018: (March) Interim Compliance Model
- 2018: (April) Accreditation Model

- Accreditation Model:
- What information should be accessed
- By whom
- Accreditation
  - General
  - By whom
- Circumstances of access
  - General
  - specific

https://go.icann.org/APAC-Space-Survey-2018

Let us know what YOU are interested to discuss in APAC Space!

Survey Objective: To gauge APAC community interests and priorities regarding current ICANN-related policy issues that can be discussed at APAC Space.

ICANN
POLICY FORUM
62
PANAMA CITY
25–28 June 2018
See you there!

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One World, One Internet

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