UASG Workshop
ICANN64 Kobe Japan – March 8 2019

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Universal Acceptance

Program

- Welcome & Introduction
- Notes & Actions from Previous Meetings
- EAI
- Project Updates
- ICANN IT Update
- Business Plan 2019/20
- Community Outreach
- Measurement Working Group
- Ambassadors
- Elections
- Technology Working Group
- Document Review

Welcome and Introduction – Ram Mohan

Actions from DC

- Revised Strategic Objectives
- Trade Association Update
- Measurement Working Group
  - Including Measurement of Website Effectiveness
- Software Remediation
- Documentation Standards
- ICANN64 Activities
- IDNA2008 – Update of documentation, etc
- Ambassador Program Review
- Local Initiatives

Actions from Barcelona

- Quick Guide to Variants -> IRTF
- Quick Guide Right-to-Left script
- Documentation Review Schedule – Done – UASG000
- Top 1000 Websites – Done – waiting for contract
- Outreach Options - WIP
- UA Certification – For Discussion
- LinkedIN Campaign Report – Done
- Association Contacts – Done. Now looking for introductions
- UASG018 – For Discussion
- Simpler Bug Bounty Contracts – no
- Remediation Fund – TBC
- Software Library Report – uasg.tech/software
- Schools of Internet Governance – TBC
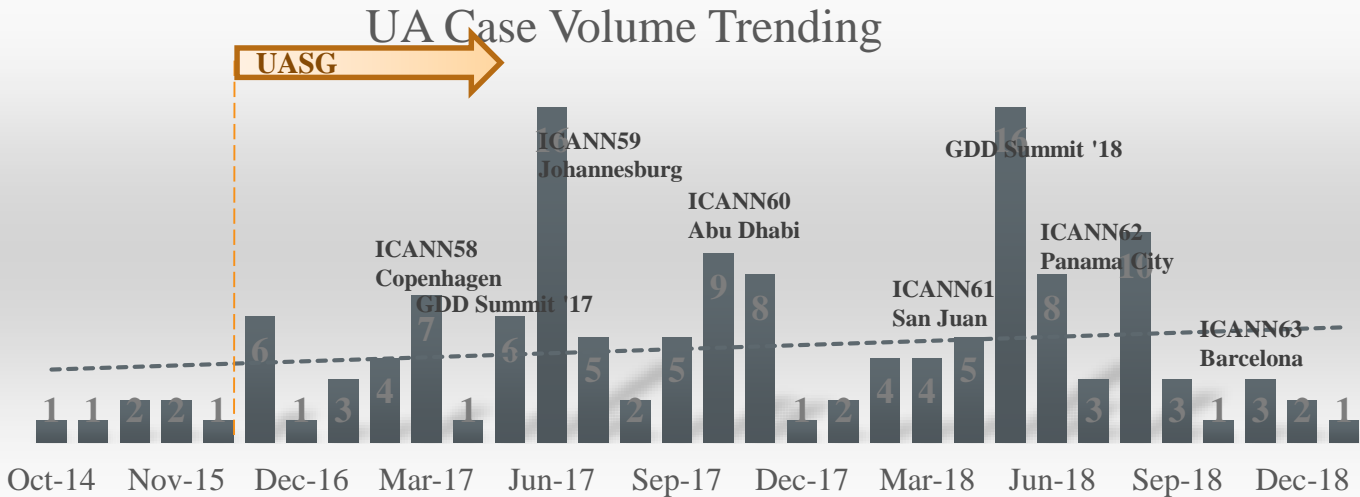- Ambassador Program Annual Report – Done
- Hackathon - No

Project Updates

* Linkification Study
* Issue Logging
* Certificate of UA Readiness

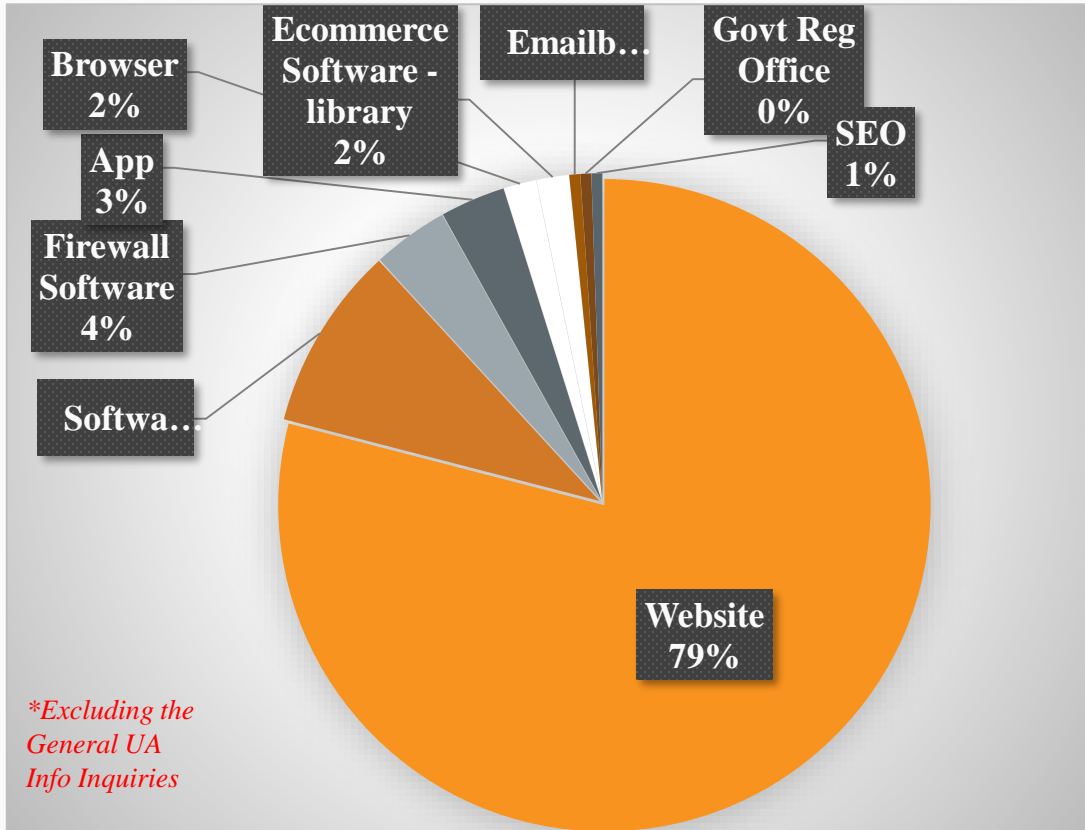# UA Issue Analysis

Case Volume Trend

Source of the Issues

Browser 2%
App 3%
Firewall Software 4%
Ecommerce Software - library 2%
Emailb…
Govt Reg Office 0%
SEO 1%
Softwa…
Website 79%

*Excluding the General UA Info Inquiries

UA Case Summary (Jan 2019)

UNIVERSAL ACCEPTANCE CASE REPORT

Report Date	31-Jan-19	
In total there are	**357**	**Case** related to Universal Acceptance
Timeline	**350**	**Cases** after UASG project started in Hyderabad (after Nov 2016)
	7	**Cases** before Nov 2016
Incoming Cases	**143**	**Incoming** Cases
Incoming Cases	**128**	**Issue Logging** (122 via UASG.TECH / 5 via e-mail / 1 via phone)
	2	**Issue Logging** in 2015 via e-mail
	13	**General UA** info requested
Outbound Cases	**214**	**Outreach** Cases to 122 Companies [details]
Outbound Cases	**28**	**Resolved** (mostly for specific email addresses, or New gTLDs, and usually not for EAI)
	46	**Returned & Forwarded** to the Related Department for Review
	55	**No Support** from Developers
	0	**Pending Response**

UA Certification

UA Readiness Certification

- Defining UA Ready
  - RFC compliant.
  - How to Measure
- Test using evaluation criteria – UASG004, UASG010, UASG018, something else?
- Self-Certifying or UASG Certifying or Independent Certifying
  - Does the UASG licence an Independent Certifying Agent
- Is there a fee for service?

EAI

EAI Working Group...

* EAI Evaluation – Phase II – Pilot
    * In contracting process
* Measure of deployed EAI Mail Servers – Quarterly
* Apple iCloud mail may be EAI Ready
* TenCent working toward EAI Readiness
* TechDay Presentation
* EAI Day Media Release
* AOB

Continuing Journey to Universal Acceptance Readiness

Ashwin Rangan
ICANN 64

March 10, 2019

Universal Acceptance Ready

1 — Universal Acceptance: Our Commitment

2 — Becoming UA-Ready: ICANN's Plan

3 — Becoming UA-Ready: ICANN Progress

4

5 — UA-Ready: Requirements for non-custom services

6

UA Ready – ICANN's Commitment

- ICANN's Board has made improving and promoting UA and Internationalized Domain Name (IDN) implementation one of its five strategic priorities:
  - The rapid evolution of new technologies requires ICANN to be responsive to these changes and ensure that the unique identifiers system evolves and continues to serve the global Internet user base." To help achieve this objective, ICANN is adding UA to the responsibilities of its Board IDN/UA Working Group.
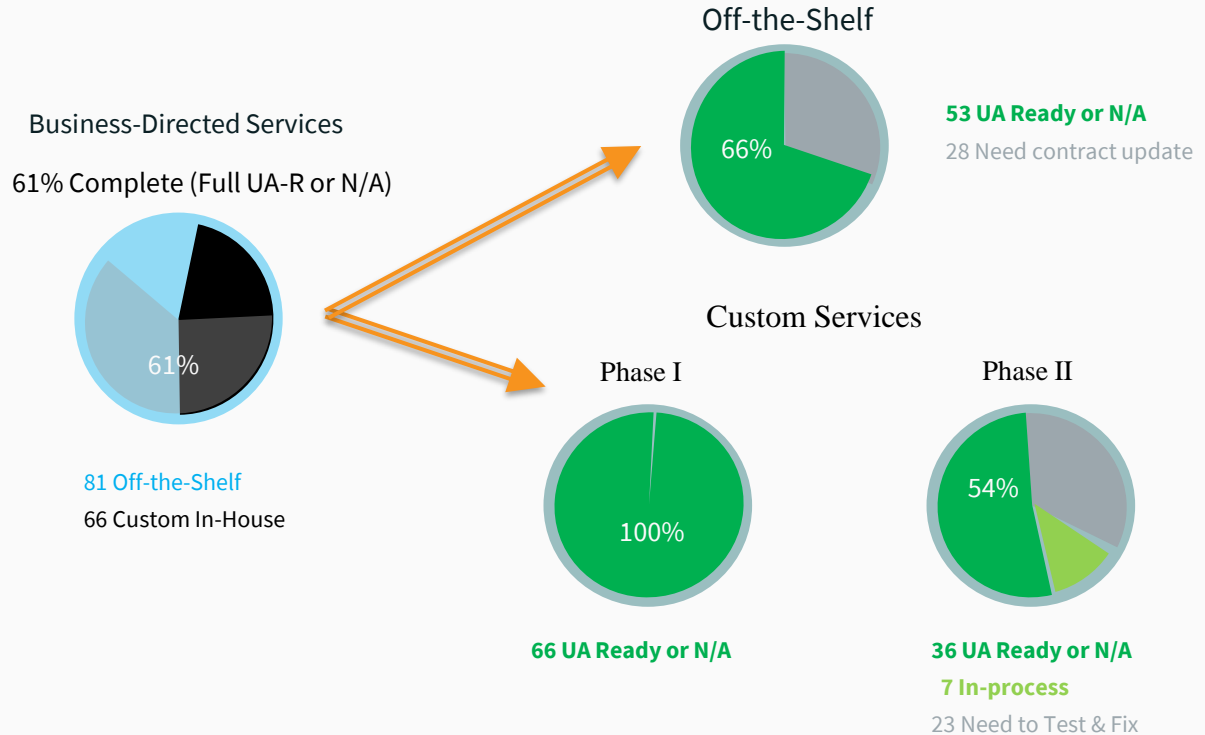
- The UASG will continue to operate independently (it will remain a consortium of more than 120 companies, with its own budget), but will benefit from additional resources as well as increased support, visibility and alignment with ICANN's Board.

UA Ready – ICANN's Plan

- Phase 1 (completed)
  - Accept and process long ASCII domain names
  - Handled mainly by Sustaining Engineering team
- Phase 2 (in process)
  - We have preset definitions for changes required to be UA-R
  - We use the UASG IDN test sites and emails
  - We have code libraries around TLD use
- Transitioning to EAI compliant Email (dependency on 3 party[3rd]
  - Update our 3rd-party email systems to meet IDN requirements
- Misc. (in place for years)
  - Require UA-Readiness in new off-shelf service selection criteria
  - Require UA-Readiness in all new custom services

Universal Acceptance at ICANN
Making Progress

Off-the-Shelf

53 UA Ready or N/A
28 Need contract update

Business-Directed Services

61% Complete (Full UA-R or N/A)

66%

61%

81 Off-the-Shelf
66 Custom In-House

Custom Services

Phase I

100%

66 UA Ready or N/A

Phase II

54%

36 UA Ready or N/A
7 In-process
23 Need to Test & Fix

EAI – Email Address Internationalization

Elements of IT Infrastructure and current vendors

- Email client: Outlook

- Email server: Microsoft Exchange

- Routers/Gateways: Postfix / Redhat

- Security/Spam Filter: ProofPoint

- Archive/Backup: ProofPoint

EAI – Email Address Internationalization

- ⊙ Becoming UA-R currently in use

  - ○ Email client:

    - Outlook 2016 supports EAI

    - Version installed

  - ○ Email server: Microsoft Exchange

    - Exchange 2019 supports EAI

    - Version available, upgrade requested/being scheduled

  - ○ Routers/Gateways: Postfix (our vendor is Redhat)

    - Postfix 3.0 supports EAI

    - Redhat has scheduled the release for July 2019

EAI – Email Address Internationalization

- Becoming UA Ready on attive realize
  - Security/Spam Filter: ProofPoint
    - EAI support not on the ProofPoint roadmap
    - We have escalated a request for EAI support
    - We are researching replacements
  - Archive/Backup: (ProofPoint)
    - EAI support not on the ProofPoint roadmap
    - We have escalated a request for EAI support
    - We are researching replacements
  - Once individual upgrades are completed, system-wide testing will be required before we can claim EAI support

UA-Ready: Requirements for Purchased Solutions

- First confirm whether or not service will handle domain names and/or emails

- If so, service must be UA-Ready

  - Handle long ASCII-based domain names and emails

  - Handle EAI in any language (switch to Unicode for display)

  - Switch hot-links to Punycode (ASCII-based Unicode)

  - Proof of testing

  - If not UA-Ready yet, where is it on the roadmap?

UA Comms Update

Show UASG Comm's slides here

Measurement Working Group

Measurement Working Group

- Charter
- Members
- Topics for Discussion
  - www.uasg.tech Website Effectiveness
  - Overarching Measure of UA Readiness (UASG017)
    - Website accepting of email samples
  - EAI Measure
    - UASG021A – Comprehensive Evaluation List
    - Deployed EAI Ready Mail Servers – EHELO, SMPTUTF8 (UASG021D)
  - Effectiveness of UASG Projects
  - Browsers (UASG016)
  - Linkification
  - Programming Languages & Utilities (UASG018)

Technology Working Group

Charter

Members

Topics

How to most effectively get programming language libraries UA Ready?

- What to choose?
- Who to engage?
- What are the criteria? (Is UASG018 still relevant)

UASG Working Groups Development
UASG Workshop – Kobe – March 2019

Universal Acceptance

Working group session

* Break into five groups
* 40 Minutes discussion
* Working Lunch
* 30 Minutes Report Back

Working Groups

* Communications
* EAI
* Local Initiatives
* Measurement
* Technology

* Charters
    * Scope/Mission
* What you're going to address
* Who are your stakeholders

UA Comms Update

Show UASG Comm's slides here

Local Initiatives

Local Initiatives

* Review of UASG008 – Local Initiatives
* India
* China
* Thailand
* Singapore
* Local Engagement Initiative

Elections

Candidates for Election

* Chair (2 nominations, 2 acceptances)
    * Ajay Data
    * Richard Merdinger
* Vice-Chair (6 nominations, 3 acceptances)
    * Dustan Stojicevic
    * Mark Svancarek
    * Dennis Tan Tanaka

UASG Administration

UASG Financials – through December 2018

UASG Financials		
Travel etc	$ 13,376.00	
Miscellaneous	$ 5,275.00	
DC Meeting	$ 4,624.00	
Ambassador	$ 4,245.00	
ICANN 63	$ 2,798.00	
Staff	$ 88,094.00	Includes Don, .asia & John
Website	$ 3,123.00	
Comms	$ 17,560.00	
Research	$ 14,193.00	
Local Initiatives	$ 21,000.00	
Library Development	$ 6,300.00	
Sponsorship	$ 1,250.00	
	$ 181,838.00	

UA Ambassadors

UA Ambassador Section

- Report on the first year
- Oral discussion on the first year
- How to improve things going forward
- Ambassadors exchanging experiences

Document Reviews

Document Reviews

* UASG000 – Document Inventory
  * https://uasg.tech/wp-content/uploads/2018/10/UASG-000-Inventory-of-Material.pdf
* UASG004 – Use Cases
  * https://uasg.tech/wp-content/uploads/2017/05/UASG004-Use-Cases-for-UA-Readiness-Evaluation-2017-04-17.pdf
* UASG005 – Quick Guide
* UASG007 – Introduction to Universal Acceptance
* UASG009 – Contractual Clauses
  * https://uasg.tech/wp-content/uploads/2017/06/UA009-Quick-Guide-to-Tender-and-Contractual-Documents-16-04-28.pdf
* UASG011 – Frequently Asked Questions
  * https://uasg.tech/wp-content/uploads/2016/08/UASG011-160823-en-faq-digital.pdf
* Quick Guide to Right-to-Left Scripts in Domain Names and Email Addresses