



RADIX

Universal Acceptance Test Report Social Media



Scope of the Test

Which platforms did we test?

1. Facebook
2. Instagram
3. WhatsApp
4. LinkedIn
5. Twitter
6. Youtube
7. TikTok
8. Reddit
9. WeChat
10. QQ



Scope of the Test

What versions of these platforms did we test?

1. Android
2. iOS
3. Web



Scope of the Test

Which websites or emails did we test?

- All 10 Radix nTLDs
- With and without www

What did we test for?

- Email acceptance and linkification
- Website acceptance and linkification
- Website previews where applicable

Benchmarking against .com websites and emails





XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX

| Findings

On the following platforms,
nTLD websites and emails are 100% accepted

i.e they perform the same way as any .com website or email

Instagram

YouTube

Tiktok

Reddit

Facebook

Features Tested

- Email Acceptance and Hyperlink
 - Bio/Details About You
 - Work
 - Post
 - Comments
 - Add Notes
 - Find People
 - Message
 - Page About > More info section
 - Page info > Contact Section
 - Add a button to your Page
 - Create a post on page
- Website Acceptance and Hyperlink
 - Bio/Details About You
 - Work
 - Websites and Social Links
 - Post
 - Comments
 - Add Notes
 - Message
 - Page About > More info section/Description
 - Page About > Contact Section
 - Create a post on page
 - Add a button to your Page
 - Create Ads/Text & links section
 - Create Event
- Website Preview
 - Post
 - Comments
 - Message
 - Create a post on page
 - Create Ads/Text & links section

Facebook

Gaps

- Without www, the following features did not hyperlink the website:
 - Post (did not worked on iOS and Android)
 - Comments (did not worked on iOS and Android)
 - Message (did not work on Android)
 - Create a post on page (did not worked on iOS and Android)
- Further testing on these feature revealed that Facebook does not hyperlink all legacy TLDs and ccTLDs too. Some prominent ones are .INFO, .NAME, aero, .us, .in etc.
- Website Preview - Without www previews were not generated in comments and messages
- There are several other gaps, noted in the detailed Gaps Observations File

WhatsApp

Features Tested

- Chat Box

Gaps

- No gaps observed on the Web app
- All email addresses get hyperlinked on all platforms
- On Android, some nTLD websites such as .store and .fun websites without www do not get hyperlinked, while others like .uno, .press do.
- On iOS, some nTLD websites such as .space and .fun websites without www do not get hyperlinked while others like .xyz and .tech do

Android Test Sample

kevin@writtenfolly.online
alisha@writtenfolly.xyz

[डेटामेल.भारत](#)
[melondev.site](#)
[tpopulus.website](#)
[domaintest.space](#)
[customwebdesign.host](#)
[ceriz.fun](#)
[digiser.tech](#)
[gohippo.store](#)
[jordo.online](#)
[ketodiet.uno](#)
[newhera.press](#)
[domains.google](#)
[domaintest.xyz](#)
[domaintest.com](#)
[domaintest.net](#)
[domaintest.club](#)
[domaintest.info](#)

LinkedIn

Features Tested

- For Email Acceptance - About, Comments, Message, Post, Poll
- For Website Acceptance, Hyper-linking and Preview - About, Contact info, Comments, Message, Post, Create event, Create Poll, Featured Work

Gaps

- On iOS - Comments and Messages did not create a hyperlink for nTLDs.
- No GAPS were noticed in Android and Website Versions

Twitter

Features Tested

- Profile Bio, Tweet, Poll, Retweet, Moments, Message, Fleets

Gaps

- No gaps observed in the acceptance of emails ie all emails perform in the same manner as any .com email on all the above features tested.
- Several gaps were observed in hyperlinking and preview of domains with and without www.
 - For example: .com domains generate a preview tweeted on all 3 platforms, whereas .press domains generate no preview, .site generate a preview on iOS and Android only, and .space generates a preview on iOS only.

WeChat

Features Tested

- Chat Box

Gaps

- Emails and Websites with and without www did not create Hyperlink for the nTLD's in the chat box
- Hyperlink was created for .com emails and websites with and without www



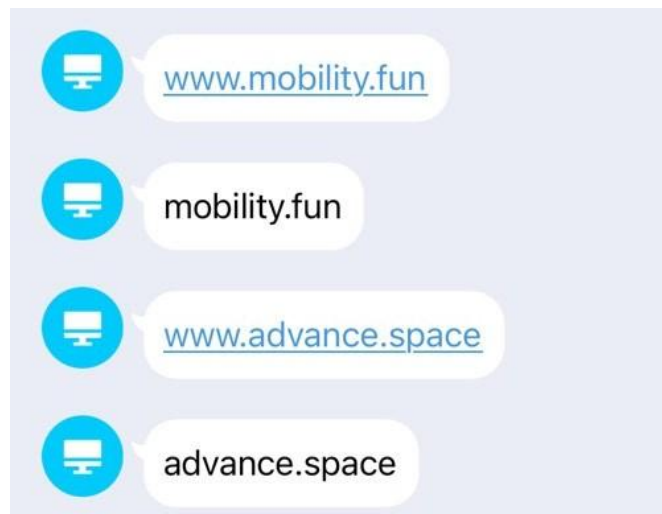
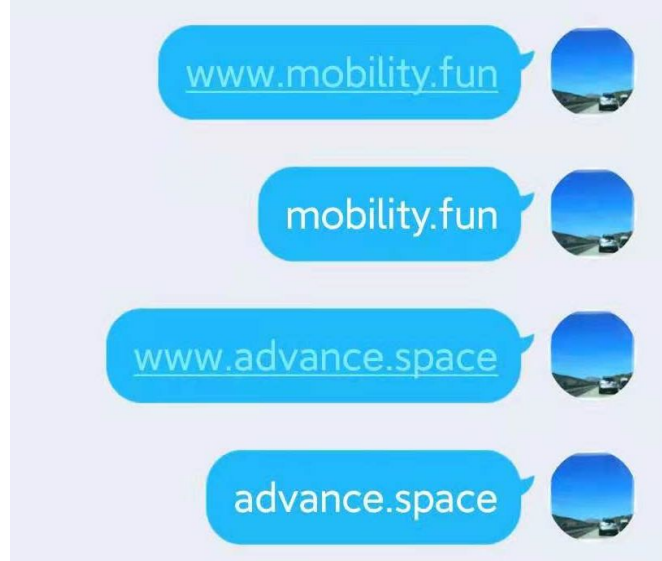


Features Tested

- Chat Box

Gaps

- Websites without www did not create Hyperlink for the nTLD's in the chat box.
- Hyperlink was created for .com websites without www



Internationalized Domain Name (IDN) Testing

- In addition to generic nTLDs, we tested IDN TLD .भारत on all platforms
- .भारत websites & emails are accepted on all features tested on **WhatsApp, LinkedIn, Tiktok, Reddit, WeChat** and **QQ** across iOS, Android and Web
- **Facebook** does not accept .भारत websites and emails on multiple features across iOS, Android and Web
- **Instagram** accepts .भारत emails on all platforms, however .भारत websites are not accepted on iOS for some features
- **Twitter** accepts only .भारत emails but does not accept .भारत websites
- **YouTube** accepts .भारत emails and websites on iOS and Android only, but some features on Web do not accept them

Gaps Summary Files:

1. Facebook - https://docs.google.com/spreadsheets/d/195SXHbCcTRka8E2fX-YPztKb_Wz70cY3/edit?usp=sharing
2. Instagram - <https://docs.google.com/spreadsheets/d/11kuFnTRLEPIyLOXTK1D4qq4NqWbD3K2K/edit?usp=sharing>
3. WhatsApp - <https://docs.google.com/document/d/1SoEqN-xSGhxaghqW-BVAH6-mkcXRS7yXu7vIIMFI8bE/edit?usp=sharing>
4. LinkedIn - https://docs.google.com/spreadsheets/d/1Z3w-vY9Ujv7iJPBhsc_LOeeh8Gds1fY3/edit?usp=sharing
5. Twitter - https://docs.google.com/spreadsheets/d/1z43-Gn_8D4w49QI4YqF5uPV9iwA4rpoS/edit?usp=sharing
6. Youtube - https://docs.google.com/spreadsheets/d/1qRakQKAh4JQk9AbUmTXPFTgNCDoXqh_t/edit?usp=sharing
7. TikTok - https://docs.google.com/spreadsheets/d/10_CoqEpGFAnwiq1G62dfKmSkn_6J-wT/edit?usp=sharing
8. Reddit - https://docs.google.com/spreadsheets/d/1G_wLlc8RFAJ4qN4O3gzNJ7bYd7KhW1p4/edit?usp=sharing
9. WeChat - <https://drive.google.com/file/d/11edH99tGal-QqbtRnvAKvY4ukmrjQtX3/view?usp=sharing>
10. QQ - <https://drive.google.com/file/d/1hsWaMMf9uY29Y8fxCDDQiG7I1e2NoZJv/view?usp=sharing>



What's Next?



Next Steps and Challenges

- Radix tried to connect with the social media platform to share the findings of our testing and influence the companies to make their products UA compatible.
- Here are some of the challenges faced
 - There is no direct contact to share product feedback with these companies. One has to rely on personal contacts within the organization to discover protocols to report issues.
 - We connected with an acquaintance in Facebook that shared our findings in a product managers' group. We did not receive any response.
 - With linkedin and Twitter we had to use their support system to report our findings. We still have to hear a response from them.

Next Steps and Challenges

- UASG and ICANN need to step in big time to help connect with the right contact within these companies.
- We could reach out to these companies as a stakeholder group of affected parties.
- ICANN should take the lead given it's global recognition and reputation.