

## IGF 2016 Workshop Report Template

Session Title	WS144: Enabling Every User with a Unique Internet Culture ID
Date	Wednesday, December 7
Time	12:00 - 13:30
Session Organizer	CNNIC, Microsoft, UASG and ETDA
Chair/Moderator	Jiankang Yao, Mark Svancarek
Rapporteur/Notetaker	Jiankang Yao and Nan CHU (Antonia)
List of Speakers and their institutional affiliations	<ul style="list-style-type: none"> <li>☒ John Klensin Independent consultant</li> <li>☒ Andrew Sullivan Dyn</li> <li>☒ Xiaodong Lee CNNIC</li> <li>☒ Marvin Woo Coremail</li> <li>☒ Edmon Chung Dot ASIA</li> <li>☒ Wanawit Ahkuputra ETDA</li> <li>☒ Pensri Arunwatanamongkol THNIC</li> <li>☒ Leonid TODOROV APTLD</li> <li>☒ Ning Kong CNNIC</li> <li>☒ Nalini Elkins Inside Products, Inc</li> </ul>
Key Issues raised (1 sentence per issue):	<ol style="list-style-type: none"> <li>1) How to deploy EAI and IDN technology?</li> <li>2) How to Enable Every User with an IDN/ internationalized email address as an Internet ID. (Benefits to end users &amp; organizations)</li> <li>3) Is IDN / internationalized email address one kind of good Internet culture IDs?</li> </ol>
If there were presentations during the session, please provide a 1-paragraph summary for each Presentation	<p>Presentation 1: Try to Understand Problem. Try to Agree on Goals. Comparing Domain Name and Email Issues -- IDN. Email addresses as personal identifiers / account IDs.</p> <p>Presentation 2: Regional Interest in EAI &amp; IDN; EAI as a Customer / Partner “Change Event” ; Microsoft EAI Engineering Efforts.</p> <p>Presentation 3: Email Address Internationalization (EAI), Universal Acceptance (UA) &amp; the Sustainable Development Goals (SDGs); Evaluation of EAI Readiness in major email software and services; Quick Guide – text accepted and now moving into formatting.</p> <p>Presentation 4: Coremail had EAI in 2012, but met challenges; Due to languages, EAI is limited in a local circle; Foreign languages are difficult for international users; Few apps accept EAI as registered ID.</p> <p>Presentation 5: Problems needed to be solves: Deliverables, Interoperability, Clients that support EAI, Small email providers, Local-part in big email providers, UA compliant websites/platforms</p>
Please describe the Discussions that took place during the workshop session: (3 paragraphs)	<p>John raised the broader issue of identifiers (unique or otherwise). There is a discussion about whether internationalized email address can be a good unique internet culture ID. Lee pointed out that email address has been used as the ID for so many systems, not only for email service. So that means that the unique ID is a very, very critical resource for so many systems, even for IBM, Microsoft, also some big companies.</p>

	<p>Edmon pointed out, lots of systems abandoned email as boot strapping system and have gone into boot strapping based on telephones. WhatsApp has built up a million users without using the email address because they have a different bootstrapping mechanism involved,</p> <p>From the meeting we know more client based EAI tools - Coremail has released clients for Windows, IOS &amp; Android. Outlook 2016 for Windows is EAI ready. XGENPlus has android &amp; IOS applications. Microsoft will make more products to be IDN and EAI ready. Many were pleased by the outcome of the session and the dialogue which preceded it.</p>
<p>Please describe any Participant suggestions regarding the way forward/ potential next steps /key takeaways: (3 paragraphs)</p>	<ol style="list-style-type: none"> <li>1. Further discussion on the list. Some suggests that we discuss on UASG email list. Some prefer the IAB i18n program's public discussion list, which is _not_ "IETF-related" in the sense while at least the protocols-have-practical-problems part of this is a portion of the IAB's job.</li> <li>2. Have a web conference call to discuss next steps with smaller group (this email thread) or open to anyone. This can discuss more depth problems.</li> <li>3. Attract more people to join the UA community and try to push more email service providers to support EAI. EAI is just one part of program. We should let all applications to support EAI.</li> </ol>