

Dear ccNSO members,

I am honored to be nominated as a candidate of ccNSO council members. Thanks a lot for the community's kind nomination and seconding. Please find my candidate statement below.



Candidate Statement

My name is **Jiankang Yao**. I am a Senior Research Engineer (standardization manager), leading the team of technology standardization in CNNIC. I joined CNNIC in 2003 after I got my master degree of computer science in National University of Singapore. In CNNIC, I also got my Ph.d degree of Computer Software and Theory in CNIC, CAS (Chinese Academy of Sciences). My main research interests include but not limit to Email Address Internationalization (EAI), Internationalized Domain Names (IDN), DNS, Internet naming and addressing, and technology related policy.

Currently I serve as the Co-Secretary of the Chinese Domain Name Consortium (CDNC). I am also the Internet Architecture Board (IAB) member and an IETF Reviewer in Internationalization Directorate (i18ndir). Since the 62nd IETF meeting in 2005, I have been active in the IETF and have experience in working as the IETF WG co-chair and secretary. Especially, I made a lot of contribution to EAI BOF and WG. In order to help to move EAI documents from experimental RFCs to Standards Track RFCs, I did a lot of EAI implementation and testing with many partners.

My first ICANN meeting was in 2007. During that meeting, I commented about IDN variants during the Public Forum and shared the best practice of the Chinese IDN variant registration during Tech Day organized by the ccNSO.

IDN was allowed to be officially registered by ICANN in 2003, but IDN registration numbers tend to be very low due to lack of good application of IDN. EAI is the key application of IDN. EAI deployment will help the IDN deployment.

In order to have EAI deployed, the first step is to create EAI standards in IETF. I am the co-author of IETF RFC6531, the key standard of IETF EAI protocols. Moreover, I got the APEC funding for EAI deployment in the Asia Pacific regions as the overseer. I also tried to apply some funding to support open source project such as Postfix to be upgraded to support EAI and IDN. I was the Universal Acceptance Steering Group (UASG) coordinator, helping to promote EAI and IDN deployments in the Asia Pacific region. In ICANN 65 meeting, 2019, I introduced EAI deployment at Tech Day. In March 2020, I got

the Certificate of Achievement by ICANN in recognition of outstanding service to the Internet community as a member of the Chinese Script Generation Panel for “Proposal for a Chinese Script Root Zone LGR”, a group that has contributed to making the Internet multilingual. Currently, I am the member of ccPDP4-IDN WG.

If I am lucky to be the ccNSO Council member, I will devote my energy to the ccNSO work. The followings are some of my considerations:

- One duty the ccNSO takes is for developing and recommending global policies to the ICANN Board for a limited set of issues relating to ccTLDs, such as the introduction of IDN ccTLDs. ICANN Strategic Plan for Fiscal Years 2021-2025 points out that ICANN will encourage readiness for Universal Acceptance and IDN implementation. So IDN is one of the important topics for ccNSO. I have around 17 years of experiences in IDN policy and technology, and I can do some contribution to IDN issues.
- The ccNSO Council is an inherently diverse and well balanced body. I have a strong technology background with policy experiences. I can increase the diversity of the ccNSO council. Many policies are related to the technology. I know the technology of IDN, EAI, DNSSEC, EPP and more. I can provide the views from the technology standing point when dealing with the policy issues to help the ccNSO Council to make a better decision.
- The ccNSO is a good platform for sharing information and encouraging cooperation. I am an open minded man with the team spirit, willing to share my views and use my technical skills and analytic thinking to contribute the ccNSO project, willing to help the ccNSO community’s capacity building.
- I promise to commit my time to any duty related to the ccNSO Council member role. Through becoming a council member, I will use my resources and ability to help the ccNSO to be a better platform, bringing benefits to the whole ccNSO community.

Now, I'm ready to use my knowledge and experiences to do some contributions to the whole ccNSO community.

Thanks a lot.
Jiankang Yao