

Letter of Motivation

Security, Stability and Resiliency of the DNS Review Team

To Whom It May Concern,

The purpose of this letter is to clarify my motivation for self-nominating to participate on the Security, Stability and Resiliency of the DNS Review Team.

Ten years ago, when Internet was getting popular more and more, people said the age of information society is coming. But at that time, people could hardly truly feel how much people's life depends on information technology ten years later. Never could they understand the serious cyber security situation we faced today. Network has become an important part of people's daily life and network security has become one of the top issues of mankind.

Internet is a huge complex system. The pillars of Internet are IP and DOMAIN. IP routing system helps the information package goes along a correct path to a correct destination. The domain system helps people remember the destinations. If one of those two pillars falls down, the internet will never stands. Are they robust enough? Unfortunately, the answer is NO. We have seen great numbers of attacks on them in the past years. For example, in 2002 and 2007 massive DDoS attack hit DNS root servers. In 2002, 2003, 2004 network worms like CodeRed, Nimda, Blaster,.. etc, blocked the network and even caused network down in some countries. Furthermore, new serious vulnerabilities on widely used routing device and DNS software have been disclosed even every year.

ICANN, being the top organization on IP and domain names assignment and management, have to take the responsibility of improving the security of Internet. The role is non-substitutable. We have seen ICANN made a lot effort in order to keep the internet stable and safe. No doubt, this time ICANN establish the mechanism to review the progress toward key objectives is another positive measure. As an expert with more than 10 years experience on Internet security, I would like to join the review team of Preserving security, stability and resiliency of the DNS. I am sure my knowledge could help. And I understand it will cost many personal time and energy. I think it worth doing and am looking forward to work with other experts.

Yours sincerely,

ZHOU Yonglin.