

## **Motivation Letter for Volunteers for the Second Security, Stability, and Resiliency of the DNS (SSR2) Review Team**

### **Present engagement with Global community**

1. I have attended SANOG-27, in Feb 2016, and interacted with few ICANN members and discussed about the future of internet and internet governance
2. Active contribution in National Regional Initiative (NRIs) of UNOG since 1 year (<http://www.intgovforum.org/cms/documents/igf-meeting/igf-2016/takingstock/697-contribution-from-national-and-regional-igfs/>)
3. Active member of MSG of APriIGF and recently served as election committee for vice chairman vacant position (<http://aprigf.asia/elections/2016/candidates.html>)

### **Why I am interested in joining Review Team**

I have strong technical background about the emerging cyber security threats and possess 5+ Year hands on experience in computer networking technologies and including 4+ year experience of offshore consultant for research malware detection technologies and information security services (behavior based malware).

Apart from technical skills I have helped PISA in connecting the cyber security professionals across the globe by organizing Cyber Secure Pakistan conference 2013-15 and the first internet Summit of Pakistan in 2016. These experiences polished my team management change adopting ability.

So my past engagement In cyber security and internet governance initiatives shows that I have sold interest in protecting the right of global Internet users, securing the computer networks (DNS etc) and Promoting the tools to assist in tracking in network forensics.

### **What skills I will bring with me?**

I am working in network security domain since past 4 years and I excellent hands-on experience of how network security works and what are their benchmarks. Security landscape is changing day by day and I have up to date knowledge of how threat landscape is evolving and has evolved in the past.

So I bring all my knowledgebase about the malware families and their role in abusing DNS.

Working with APriIGF and NRI has enhanced my reviewing skills and we recently revise the synthesis documents. I will bring my strong reviewing skills with me as well.

<http://aprigf.asia/members.html#AHussain>

I have hands on experience of analyzing the weskits, ransomware, webshells and malware targeting corporate sector. Using decoding and dissecting skills I have managed to understand the nature of various malware families and this understanding will help in visualizing the DNS review task from both angles.

I have good understanding of multistakeholder model of working. I can give good consultancy about Operation of the DNS root name system, how to mitigate malware and abuse vectors, DNS Risk Assessment and Management.