

Lead Multan Chapter, Pakistan Information Security Association (PISA)

Ali Hussain,

Network Security Consultant

Letter of motivation

I am writing to you to apply for membership of the Security, Stability and Resiliency Review Team. I wish to represent the ASO.

I am a member of Information Security Analyst and Internet Public Policy researcher. Lead Regional Chapter at PISA (Pakistan Information Security Association), Senior Malware Researcher at Ebryx (Pvt) Ltd and Visiting Forensic Investigator at PISA – CERT. Actively involved in general Cyber Security / Information Security awareness of community, Ambassador for eVillage Project of Pakistan Social Association and also take keen interest in ICT for Development activities in Pakistan.

I attest that I am willing and able to commit the estimate average of 5 hours per week during the review period. I wish to serve on the review team because I believe that security, stability and resiliency of the DNS system are essential parts of ICANNs mission, and I wish to contribute to ensuring and improving its achievement of these goals. In addition, I feel strongly that ICANN policy structures, such as the ASO, need to have continued engagement with these (often very technical) issues, and the review process is important in ensuring that this takes place. I am a resident and citizen of Pakistan, within ICANNs Asia/Pacific geographic region. I would not be representing any other party or person on the review team. I have no financial interest, or senior management interest, in any registry, registrar, or other entity that is a stakeholder, interested party, or contracted party as regards to ICANN. I am currently employed at Ebryx (Private) Limited as a Senior Malware Researcher.

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.

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 APriGF 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. I

think this combination of skills will enable me to contribute effectively to the range of issues that the review team will deal with. Of course, the review team will also involve learning new skills, and I am enthusiastic about the opportunity to learn.

Yours Sincerely

Ali Hussain