

**From:** Russ Housley <housley@vigilsec.com>  
**To:** <DNSSEC@ntia.doc.gov>  
**Date:** Sat, Nov 22, 2008 2:25 PM  
**Subject:** Rapid Deployment of DNSSEC

Dear Ms. Alexander,

As Chair of the Internet Engineering Task Force (IETF). I appreciate the assistance of NTIA, or any other organization, in the rapid deployment of DNSSEC. To this end, I am happy to provide this response to the Notice of Inquiry regarding "Enhancing the Security and Stability of the Internet's Domain Name And Addressing System" as published in the Federal Register Vol 73, No 197, d.d. October 9, 2008.

When people use any Internet service, it almost always involves one or more DNS lookup. The DNS is vulnerable for data corruption and data replacement. DNSSEC is the only known standards-track mechanism to prevent corruption and replacement of the DNS data on its path through the Internet. To this end, I have directed the IETF Secretariat to sign the ietf.org and iesg.org domains in the near future. I am encouraging IETF business partners to sign their domains, including iab.org, irtf.org, iana.org, and rfc-editor.org.

Likewise, as a member of the Internet Architecture Board (IAB), I support their efforts to get the .arpa zone signed.

The signing of all of these domains will be more useful if the root zone is signed as well. Again, so any assistance that NTIA can offer to make this happen quickly, without being hasty, is greatly appreciated.

Russ Housley  
Founder, Vigil Security, LLC  
(Serving as IETF Chair since March 2007)

**CC:** <chair@ietf.org>