

## **WG 5: DNSSEC Implementation Practices for ISPs**

**Chair - Steve Crocker, Shinkuro and ICANN**  
**FCC Liaison - Nnake Nweke**

**Description:** The Domain Name System Security Extensions (DNSSEC) are widely recognized as the best hope for improving the long-term security of the Internet's critical domain name system. Standards for DNSSEC are now mature and implementation has begun in the government as well as the enterprise sector.

This Working Group shall recommend the best practices for deploying and managing the Domain Name System Security Extensions (DNSSEC) by Internet service providers (ISPs). In addition, the Working Group shall recommend proper metrics and measurements that allow for evaluation of the effectiveness of DNSSEC deployment by ISPs. In addition to any other metrics, the Working Group shall address the following: availability of a zone, verification of received data, and validation of verified data. Finally, the Working Group shall recommend ways for the ISP community to demonstrate their intent to deploy DNSSEC, possibly by way of a voluntary opt-in framework.

**Duration:**

1. DNSSEC Implementation Practices for ISPs - March 22, 2012
2. DNS Security Performance Metrics - September 12, 2012
3. Status of DNS Security Performance Metrics - December 5, 2012

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