

CONTRACTOR'S QUARTERLY PROGRESS, STATUS AND MANAGEMENT REPORT
1 October 2012 – 31 December 2012

DOMAIN NAME SYSTEM SECURITY (DNSSEC)
DEPLOYMENT COORDINATION

Contract No: FA 8750-10-C-0020

Data Item A001, CLIN 0002

Submitted by:

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January 2013

Progress Against Planned Objectives (3.1.1)

- Steve Crocker continued work as Chairman of an FCC Working Group on DNSSEC Deployment
 - Continued work on phase 2 of the Working Group report.
- Continued final revisions and input new Roadmap.
- Continued work with ISOCs Deploy360 program, focusing on DNSSEC.
- Working with Deploy 360 on a Deployment Guide, and a “Why you should deploy DNSSEC in 2013” document.
- Through active coordination with BITS (The Technology Policy Division of the Financial Services Roundtable) convinced them to sign with DNSSEC. They are now signed.

Technical Accomplishments This Period (3.1.2)

1. Concluded setting up the recording system for the fccdnsgrade program In cooperation with the FCC WG I enhanced the criteria and released number of development versions cumulating with version v0.9.9 The tool is available from <http://sourceforge.net/projects/fccdnsgrade/>
2. Worked on having this test adopted by other Network testing vendors such as SamKnows and Brazilian Registry network test tools.
3. Started work on a comprehensive testing of Open Resolvers on the network in order to understand how ready the world is for DNSSEC.

Improvements to Prototypes This Period (3.1.3)

None this period

Deliverables This Period (3.1.5)

(See Technical accomplishments, above)

Publications This Period (3.1.7)

None this period

Meetings and Presentations This Period (3.1.8)

- DNSSEC Deployment Coordination Meetings were held at Shinkuro’s offices on October 23, November 13, and December 11.
- Steve Crocker Attended the ICANN Meeting in Toronto, Canada, October 11 – 19
- Meetings with .br in Brazil, October 27 – October 28

- Steve Crocker attended the 10th anniversary of LACNIC (Latin America and Caribbean Network Information Centre) in Montevideo, Uruguay, October 29 – November 1
- Meetings to discuss DNSSEC in Baku, Azerbaijan, November 2 - 9
- Olafur Gudmundsson attended the IETF meeting in Atlanta, November 11 – 9

Issues or Concerns (3.1.9)

None at this time.

Planned Activities (3.2.1), Information Covering the Next Three Months

- Steve Crocker to discuss DNSSEC with Time Warner Cable, January 7.
- Coordination meetings are scheduled for January 15th, February 12th, and March 19th at Shinkuro.
- Meeting with GSA to discuss the inclusion of DNSSEC in the FICAM initiative, January 22.
- Meeting with regional Arab internet operators, Dubai, March 3 – 5.
- FCC meeting to receive Final FCC Working Group report, March 7.
- Olafur Gudmundsson will attend the IETF meeting in Orlando, Florida, March 10 – 15.