

## Curricula Vitae

### Rodney Joffe

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Rodney Joffe is Senior Vice-President and Senior Technologist of Neustar, Inc (NYSE:NSR). He assumed this role after the acquisition in 2006 of UltraDNS Corporation, a directory services company he founded in 1999. His responsibilities include defining and guiding the technical direction of the company's Internet Infrastructure Services Group as well as heading the company's cybersecurity initiatives.

Rodney is frequently called upon to assist Federal Authorities with regards to investigating and protecting against cyber-crime and cyber-terrorist activities where he is a recognized expert. He regularly briefs the White House and House/Senate groups on the subject, and has testified before congress as an expert. In addition to publishing a number of confidential papers in the field, he participated as a "Designated Trusted Agent" on the planning committee for the DHS's CyberStorm II International Cyber-Terrorism exercise in March 2008. He is participating in CyberStorm III as a lead on the core scenario design team.

Besides these operational activities, Rodney is also active in Internet governance bodies, serving currently on the ICANN SSAC (Security and Stability Advisory Committee) and previously on both the ICANN RSTEP (Registry Services Technical Evaluation Panel) the ICANN NOMCOM (Nominating Committee) where he served three terms. He is a founding member of the Advisory Board of the Postel Center at USC/ISI, and is engaged in several Internet engineering organizations including OARC (Operations, Analysis, and Research Center), NANOG (North American Network Operators' Group), ARIN (American Registry for Internet Numbers), and the IETF (Internet Engineering Task Force). He holds a number of issued and pending patents in the network security field.

### Employment

2006-Present: Neustar, Inc.

*Sr. Vice President & Senior Technologist, and CTO, Internet Infrastructure Services Group*

- Oversee all cyber security practices for the company
- Developer of Neustar technologies including UltraDNS Managed Services, DNS Shield, and the Cache Defender Cache Poisoning solution
- Responsible for design and architecture for DNS resolution
- Manage DDoS mitigation initiatives

1999-2006: UltraDNS

*Founder, Chairman, and Chief Technology Officer*

- Designed and developed the patented UltraDNS domain resolution system.
- Led development team from inception through sale of the company to Neustar in 2006.

1997- 1999: GTE Internetworking/Genuity, Inc.

*Founder of Genuity, CTO of GTE Internetworking Business Services*

- Founded one of the largest Internet Service and Hosting providers in the world
- Designed and developed the patented "Hopscotch" technology for DNS routing
- Served GTE Internetworking as CTO of GTE Internetworking Business Services when it acquired Genuity, Inc.

1984-current: Whitehat, Inc.

*Founder and Chairman of Direct Marketing Service Bureau, (presently serve in an advisory capacity)*

- Designed computer programs that migrated direct marketing database processes from main frame computers to desktop environments
- Invented the “add-a-name” file processing technology

**Cybersecurity Expert:**

- White House Advisor, CyberSecurity Issues: April 2010 – present
- DHS, FBI - March 2007 - ongoing advisory relationship
- Head of the Conficker Working Group - March 2009 – ongoing
- Congressional Testimony May 1, 2009 - House Committee on Communications, Technology, and the Internet on CyberSecurity issues
- Numerous Conferences and Symposia, Keynotes and technical presentations
- Cyberstorm III – Lead on the Core Scenario Design Team 2010
- Cyberstorm II - Planning and Exercise for DNS/Cybersecurity Scenario 2008

**Internet Governance Service:**

- 2004-Present - ICANN SSAC (Security and Stability Advisory Committee)
- 2006-2008 - ICANN RSTEP (Registry Services Technical Evaluation Panel)
- 2005, 2006, and 2009 - ICANN NOMCOM (Nominating Committee)
- 2004 –Present - OARC (Operations, Analysis and Research Center)
- 1993 – Present - NANOG (North American Network Operators’ Group)
- 1997-Present - ARIN (American Registry for Internet Numbers)
- 1998 – Present - IETF (Internet Engineering Task Force)

**Patents:**

- Multi-tenant Unit - U.S. Pat. No. 6,144,638 issued November 7, 2000
- “Hopscotch” - U.S. Pat. No. 6,185,619 issued February 6, 2001
- Domain name resolution system and method - Pending - App No 20040039798
- Suspect Traffic Redirection - Pending - App No 20070097976

**Presenter/Speaker:**

- Keynote speeches at leading industry conferences – Cloud Connect 2010
- Presenter/Session leader for key Cybersecurity and DNS Conferences – RSA 2009
- Radio, Webinar expert interviews in the areas of Cybersecurity and DNS