

Technical Study Group Members

Ram Mohan

Ram Mohan is Executive Vice President, & Chief Technology Officer of Afilias Limited. Ram oversees key strategic, management and technology choices for the company in support of the generic top-level domains (gTLDs) .INFO and .ORG, sponsored domains .mobi, .asia, and .aero and country code domains including .IN (India) and .ME (Montenegro). Ram has led the strategic growth of the company in registry services and security as well as new product sectors such as RFID/Auto-ID, global DNS and Internationalized Domain Names (IDNs).

Before joining Afilias in September 2001, Ram was at Infonautics Corp., a pioneering online database and content distribution company. He held various leadership positions at Infonautics, and led the company to market leadership through product innovation. Ram is the founder of the award-winning CompanySleuth product, and created the Sleuth line of business at Infonautics. He helped architect Electric Library, North America's most used online reference database in schools and libraries, and Encyclopedia.com, the first free encyclopedia on the Internet. Prior to joining Infonautics, Ram worked with First Data Corporation, Unisys Corporation and KPMG Peat Marwick in a variety of leadership, engineering and technology positions. Ram is also founder of the technology behind TurnTide, an anti-spam company acquired by Symantec.

Ram is active in the ICANN community. He is the author (with others) of the Redemption Grace Period (RGP) and the IDN implementation guidelines, now global industry standards. He led the GNSO IDN Working Group, is a co-founder (along with the UN and the Public Interest Registry) of the Arabic Script IDN Working Group. Ram is a founding member of the ICANN Security and Stability Advisory Committee (SSAC), a Board advisory committee comprised of Internet pioneers and technical experts including operators of Internet root servers, registrars, and TLD registries.

Ram's educational background reflects his belief that technology is best used for business advantage and market leadership. He has a Bachelor's degree in Electrical Engineering from the University of Mangalore, an MBA in Entrepreneurial Management from Bharathidasan University, and left most of the way through his second Master's in Computer Science at Philadelphia's Drexel University in order to take Infonautics public. An inventor, he is the author of several patents.

Ram was previously named one of the Philadelphia Business Journal's 40 under 40. He is a founding member of the ISOC Philadelphia Area Chapter and serves on the advisory boards of several Philadelphia-area startup companies, and is actively involved in cancer-related nonprofits.

Ram Mohan has been appointed to serve as the non-voting liaison from the Security & Stability Advisory Committee starting in 2009 and continuing through 2015.

Andy Newton

Andrew (Andy) Newton is the Chief Engineer for the American Registry for Internet Numbers (ARIN). He has spent the last 11 years leading all of ARIN's in-house technical development projects such as RPKI, DNSSEC, web systems including web accessibility, billing systems, RESTful web services, Whois and RDAP. He is one of the main authors of the core RDAP specifications, and in addition to ARIN's RDAP services is also the author of an open-source RDAP bootstrap server as well as an RDAP command-line client.

Benedict Addis

Benedict Addis is chair of the Registrar of Last Resort (RoLR), a non-profit ICANN-accredited registrar that exists solely to quarantine bad domain names. From 2011 to 2014 he was a technical officer in the UK's National Cyber Crime Unit, formerly SOCA Cyber. There, his team was responsible for international cybercrime enquiries under the Budapest Convention and G8 24/7 process, and he was the unit's point of contact for 'threat to life' emergencies. He was previously a partner in a network and security start-up and worked as a researcher in the Secure Systems lab at HP Labs. He holds a Masters in Information Security from Royal Holloway University of London.

Gavin Brown

Gavin has worked at CentralNic since 2001, becoming chief technology officer in 2005. He has responsibility for all aspects of CentralNic's Registry Engine and all technical elements of the integrated global reseller network. He is a highly respected figure in the domain industry and has been published in several professional technical journals and as well as participating in a number of technical public policy and advocacy groups.

Jody Kolker

Bio coming soon.

Jorge Cano

Jorge Cano is a Software Architect with more than 10 years of experience participating in the design and implementation of most of the core systems upon which Mexico ccTLD relies its operation. He received his Bachelor Degree in Software and Electronic Engineering and a

Master Degree in Electronic Commerce from Monterrey Institute of Technology and Higher Education. During the sixteen years that he has worked at NIC Mexico, he has been deeply involved in the evolution of the IT systems of the company, first as a developer and in the later years as the Software Architect. In the position of Software Architect, he designed the architecture of the current generation of NIC Mexico's IT systems. All IT systems currently used in NIC Mexico are in their third generation and were developed from scratch during a four year period. The operation of NIC Mexico is diversified and currently, the following services are delivered to end-users: registry, registrar, IP registry for Mexico and digital invoice signing for the Mexican government. Also in the last four years, he supervised the development of other projects, like Jool, a SIIT / NAT64 implementation for Linux, and RedDog, an implementation of an RDAP Server as Open Source projects and an DNS hosting configurator with DNSSEC support and automated signing and keys rollovers.

Murray Kucherawy

Murray Kucherawy has been involved in email technology since 1999 and in standards work since 2007. With the IETF, he has authored or co-authored 29 RFCs, co-chaired the WEIRDS, DCRUP, DISPATCH, APPSAWG and MARF working groups, and participated in many others including DKIM and REPUTE. Notably, WEIRDS was the working group that produced RDAP. He was previously a regular participant and presenter at M3AAWG, and is the man behind the curtain at The Trusted Domain Project which develops and maintains open source implementations of several email authentication standards.

Scott Hollenbeck

As Senior Director of Verisign's Registry Services Lab, Scott Hollenbeck manages a team of engineers and researchers focused on exploring innovation opportunities. He has developed expertise in the Domain Name System, applications programming, systems architecture, network engineering, information security, financial analysis and personnel management. He is a former member of the ICANN CEO Expert Working Group on gTLD Directory Services and a document author in the IETF WEIRDS, REGEXT, EPPEXT, and TLS working groups.

Scott has more than 17 years of experience in the industry, and prior to his employment at Verisign, he held management and engineering positions with Xerox Corporation. He is a former chairman of the Xerox desktop software interoperability test working group, a cross-corporate group of engineers and managers responsible for interoperability testing of all Xerox network and desktop software products. Scott is a former officer of the United States Air Force.

He is the author of the Extensible Provisioning Protocol (EPP), a standard protocol for the registration and management of Internet infrastructure data including domain names. Also, he is a co-author of the VeriSign Registry-Registrar Protocol (RRP), a pre-cursor of EPP developed for use in the VeriSign Shared Registration System. More recently, he was a co-author of the

Registration Data Access Protocol (RDAP), a standard protocol that was designed to replace the aged WHOIS protocol. He has been a contributor to several industry efforts related to domain names and Internet security, including internationalized domain names, ENUM, public key cryptography, S/MIME, the Extensible Markup Language (XML), and the Transport Layer Security (TLS) protocol. He has served as a member of the Internet Engineering Steering Group of the Internet Engineering Task Force, where he was the responsible area director for several working groups developing application protocol standards.

Scott holds a Bachelor of Science in computer science from the Pennsylvania State University and a Master of Science in computer science complemented by a graduate certificate in software engineering from George Mason University.

Steve Crocker

Dr. Crocker is an Internet pioneer and computer scientist, with expertise in computer and network security and formal methods. He is CEO of Shinkuro, Inc. At ICANN, he was the founding chair of the Security and Stability Advisory Committee (SSAC) and served on the Board of ICANN for 14 years, including 6 ½ years as chair.

In the late 1960's and early 1970's, while he was a graduate student at UCLA, he was part of the team that developed the protocols for the Arpanet and laid the foundation for today's Internet. He organized the Network Working Group, which was the forerunner of the modern Internet Engineering Task Force, initiated the Request for Comment (RFC) series of notes through which protocol designs are documented and shared, and laid the foundation for the open architectural structure of the Internet Protocols. For this work, Dr. Crocker was awarded the 2002 IEEE Internet Award. He remained active in the Internet standards work through the IETF and IAB and served as the first security area director on the Internet Engineering Steering Group from 1989 to 1994.

Dr. Crocker experience includes research management at DARPA, USC/ISI and The Aerospace Corporation, vice president of Trusted Information Systems, and co-founder of CyberCash, Inc. and Longitude Systems, Inc.

Dr. Crocker earned his BA in mathematics and PhD in computer science at UCLA, and studied artificial intelligence at MIT. He has an honorary doctorate from the University of San Martin des Porres in Lima, Perú, was selected in the initial group of members of the Internet Society's Internet Hall of Fame Pioneers, and has a Lifetime Achievement Award from the Internet Society.

Tomofumi Okubo

Bio coming soon.