

Resume
Srinivasan Ramakrishnan

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I am currently an independent consultant working in the areas of ICT and it's applications including Internet, Infrastructure for enterprises that include networks and Data centres, Cloud Computing, e-Governance and e-Health, Security and Indian Language computing, among others. I serve public (government and government affiliated) clients and private sector clients, many on advisory capacity.

I serve as Member of Model Projects Committee of National Knowledge Network (NKN - India's gigabit network serving academic, research and government organizations and providing them very high speed internet access), Board Member of CCICI (Cloud Computing Innovation Council of India), Advisory Committee Member in ICFOSS (International Centre for Free and Open Source Software), Adviser of National Institute for Smart Government (NISG), Advisor to Ministry of Health & Family Welfare and have recently served as Member of Project Review and Steering Committee of Department of Electronics and IT (DeitY) projects. I have also been the Review Member of Project proposals for Venture funding in Technology Development Board of Department of Science and technology (DST), Selection Committee Chairman of State level e-Governance Team members. I also mentor start-ups.

My past positions have been in senior positions, such as:

- **Director General** of India's largest ICT R&D lab, **Centre for Development of Advanced Computing**
 - PARAM supercomputers developed at CDAC are among the fastest supercomputers built in India and rank well globally.
- **Director of National Centre for Software Technology**
 - The above assignments have included building foundations for Indian initiatives in high speed Internet; setting up, management and promotion of .in ccTLD, national grid computing network connecting a number of supercomputing resources across institutions, supercomputing, language computing including IDN for Indian languages, Software Technology, e-Governance and e-Security, in particular.
- **Founder Director** of **Media Lab Asia**, an institution set up to drive innovation in ICT, especially related to development

- **Founder and National Project Director of ERNET**, Indian academic and research network program that, besides R&D in networking, also introduced internet for the first time in India connecting over 700 institutions; I was in that capacity from '86 to '98, setting up a not-for-profit society to continue the operations. I also played a role in writing up of Private ISP policy of India in '98 that lead to entry of private sector ISPs for the first time in India.
- **Advisor, CCBT** (Communication, Convergence and Broadcast Division), which set up National Internet Exchange of India;
- **Senior Director of Computer & Software Division**
- **National Y2K coordinator**
- **Joint Director** in Telecom division,

among other policy, regulation, promotion, development and R&D roles in Department of Electronics and IT (DeitY), Government of India.

I also represented India in Internet Governance Forum in U.N. in 2004, on behalf of Secretary, Department of Electronics, Government of India.

I have lead or have been part of Indian delegation visiting different countries on a bilateral or multilateral basis to discuss and exchange notes in respect of a number of policy, programs and development related topics of ICT.

Education and career:

I have had a bright academic career in premier engineering school on India viz., **Indian Institute of Technology, Madras** with **Bachelors and Masters degree in Advanced Electronics** – graduating the former at the fourth place and the latter at the top of my class. I was a merit scholar throughout. During the early part of my career, I was in industry for three years as a development engineer.

Over the last three+ decades since, I have played multiple roles in my career - as one who undertook policy making, regulatory, promotional functions in Government of India, initially in the telecom area, then in networking and then computing and software. While being a practitioner, I also did my M.B.A. in Management Development Institute, Gurgaon, Delhi.

In the course of the above, some highlights of my relevant work included:

- One who has participated in all aspects of public role, so that infrastructure, technology and applications grew and scaled in a robust and sustainable manner by the principles of innovation, competition, choice, openness, fair play and oftentimes market forces to serve citizens/customers and other multi-stakeholders. I have been witness to telecom industry deregulation, starting from AT&T divestiture days; and in India, privatization, competition, and regulation in telecom sector. So, while I have handled the technology and standards side of telecom, I have also seen the importance of good governance, challenges and issues thereof, all the way up to the current spectrum allocation and

auction issues and net neutrality debates. In fact, I was one of early ones (in '77) to raise issues relating to the way spectrum was inappropriately allocated by government and thus was invited to be in the national panel to work out spectrum planning.

- Again, by early seventies, I moved to computer networks and was a close observer of how competing choices for protocols, including open standards of ISO and TCP/IP, were evolving along with the gentle friction between telecom world and the newly emerging internet world.
- My leadership in building ERNET with UNDP and Government of India assistance and steering outstanding collaboration with leading academic and research institutions gave me a close and intimate view of internet, as it was evolving – I was witness to processes of making RFCs and contents, core principles of internet including IANA (and later ICANN) and the wisdom of the governance structures like IAB, IETF and ISOC. In fact, pioneers of internet like Dr. Vint Cerf came and shared valuable advice.
- As a Developer of a robust ecosystem and state-of-the art technology - in many of my innings then and later, in telecom to internet and computing, I have a good insight into all relevant issues.

In the course of my career and work and my current consulting assignments, I have lead from the front, developed a rich world view of technology arena, governance issues, market forces and competition and the imperatives of an enabling environment that is grounded on fair play and competition and based on openly defined rules that spur transparency, putting consumers on top.

I have kept up to date in all aspects of Internet evolution, including and especially all ICANN matters, the new gTLD initiative and the processes thereof. I have also been seized of Internet governance debates and what central role ICANN, it's initiatives, processes and objectives rooted to Statement of Objectives. I am also aware of the importance of accountability, transparency and the interests of global Internet users; security, stability and resiliency of the DNS and WHOIS policy; and the paramount importance of promoting competition, consumer trust and consumer choice, which is the subject of this Review Team.

In view of the above, my rich background as a senior person with close to four decades of experience in technology, standards, infrastructure, operations, governance, and markets (regulation, promotion, industry and users/consumers across all three industries viz. Internet, Telecom and Computers) in India and full awareness of the global developments in each of these areas, I feel I have the knowledge, maturity, level headedness, sense of fair play, ethics and understanding of the importance of ensuring competition and choice to fulfill the duties of this role at ICANN responsibly.