About the Presenters

Sriram Raghavan is a practicing digital forensic researcher in Brisbane Australia. He is associated with the Information Security Institute in Brisbane where he researches various upcoming challenges in the area of Information Security affecting the Information Industry. His doctoral dissertation investigated the systematic use of metadata in digital forensic investigations. His findings have been reported to one of the best journals in the field where the associations between metadata across files, logs and network packets have resulted in groups of composed evidence. Such groups have been shown to produce several invaluable insights aiding an investigation.

S.V.Nagaraj has over 12 years of experience after he completed his Ph.D. He has worked in organizations such as IBM, Japan and Infosys, Bangalore. He has many publications in conferences and journals. He has organized many workshops on information security. He is a life member of the Cryptology Research Society of India and other professional societies.

Santosh Kumar is a Security Analyst at SETS. He is a Certified Ethical Hacker. He is familiar with tools and techniques related to vulnerability analysis and penetration testing.

CHIEF PATRON
Prof. R. Balasubramanian
Executive Director, SETS & Director, IMSc

PATRON
Shri. S. Thiagarajan
Registrar, SETS

COURSE FACULTY

Dr. Sriram Raghavan
Information Security Institute, Brisbane

Dr. S.V. Nagaraj
Adunct Scientist, SETS, Chennai

Shri. Santhosh Kumar
Research Associate, SETS, Chennai

ORGANISING COMMITTEE

Dr. P. Nageswara Rao
Librarian, Knowledge Centre, SETS, Chennai

Shri. C. Noorul Ameen
Asst. Finance (Executive), SETS, Chennai

Shri. T. Muralikrishnan
Asst. Admin, SETS, Chennai

All communications should be addressed to:

Dr. P. Nageswara Rao
Workshop Coordinator
Society for Electronic Transactions and Security (SETS)
MGR Knowledge City, CIT Campus,
Taramani, Chennai – 600 113
Telephone: 044 – 66632502, 504 & 506
Fax: 044 – 66632501
Mobile : 9884143131; 93821 68364
Mail: workshop@setsindia.net

National Workshop
on
Securing Your Web Presence

4 -5 December 2012

Organised by

Society for Electronic Transactions and Security (SETS)
MGR Knowledge City, CIT Campus,
Taramani, Chennai – 600 113, Tamil NaduWebsite:
www.setsindia.org

ABOUT SETS

Society for Electronic Transactions and Security (SETS) is an initiative of the Central Government through the Office of the Principal Scientific Adviser (PSA) to the Government of India. SETS was established for the purpose of nucleating, sensitising and developing technologies that can protect the information wealth of the country. Such an idea to form a specialized organisation in the area of information security was conceived by Dr. A.P.J. Abdul Kalam, formerly the Hon'ble President of India and was implemented by Dr. R.Chidambaram, PSA to the Government of India. SETS is the first organisation in India established in the Public-Private Partnership mode that is engaged in information security. SETS has its headquarters at Chennai close to IITM Research Park in Taramani. SETS is engaged in the research areas of systems security, network security and cryptology. SETS has signed various MoUs with leading Institutions specialising in information security. SETS has initiated a programme with Institute of Mathematical Sciences (IMSc) to engage in research in Cryptanalysis.

THEME OF THE WORKSHOP

This Workshop introduces the fundamental concepts in designing one's web presence and guide the registrant through the various stages in the design from a practical standpoint. In this workshop, we analyze the internal workings of malware to determine their basis and uproot them to secure our web presence.

Secure Architecture

How do we compose the different integral components of our web service in a secure manner? We explore and understand the subtleties involved in going about this design.

Malware Technologies

When you understand how malware work, you can then uproot their basis on your web environment. In this workshop, we study how malware fundamentally affect and impact our web presence.

Avoiding common Pitfalls

What are the common pitfalls in designing web security? How can we avoid such pitfalls? In this workshop, we discuss how to mitigate the effects of such pitfalls in practice.

CONTENTS OF THIS WORKSHOP

1. Introduction to establishing web presence and what it involves to put yourself out there

2. Identification of the different components needed to set up your web presence

3. Introduction to Security architecture and what it involves

4. Introduction to malware and discussion on its internal mechanisms

5. Two case studies on established web presence and how malware toppled the system. We analyze why.

6. Understanding what are the common pitfalls in generic security design or retro-fitting

7. Summary of key points and current trends and approaches to securing your web presence

8. Open forum for Q & A

TARGET PARTICIPANTS

– Security and Auditing professionals who need to understand the principles of secure web design and the usage of web technologies for dispensing daily tasks.
– Small and medium Business Owners
– customized to explain what is out there that you need to be aware of in setting up your web presence.
– Technical architects and Design engineers who are responsible for developing the data infrastructure of tomorrow.
– Security and Network Administrators who require that extra breadth in technology to identify and weed out anomalous and illicit activities.
– Students and Facluties from Academic Institutions.

REGISTRATION FEE

Registration Fee: Rs. 1000/- for Students,
Rs. 2500/- for Faculties and
Rs. 5000/- for other members.

It includes workshop Kit, Working Lunch, Tea and Snacks. The Registration fee may be paid through **Cheque** / **Demand Draft** in favour of **SETS** payable at **Chennai**.

Registration fee along with application should be sent to the Workshop Coordinator on or before **3rd December 2012**.

Number of participants is limited to Ninety only.

National Workshop
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Securing Your Web Presence
4 - 5 December 2012

REGISTRATION FORM

Name : …………………………….....................................

Designation : …………………………..…………….................

Organisation: ………………………………………................

Address : ………………………………………….................
……...

Pin : ………………….............**State :** …………….……….........

Mobile : ………………...

Email : ……………………………………………................

Registration Detials: **Student**   ☐

                               Faculty   ☐

                               Corporate ☐

Details of payment : Bank Draft No. …......................................
Name of the Bank …..

Date :

Place :   **Signature**