Cyber Leadership of CISO:
Need of the Hour

Date: 7th April 2021 (Wednesday)   **Time: 11:00 am to 01:00 pm**

Talk 1:
Role of CISO and ISO in Protecting ICT Infrastructure

About the Talk

The premise of the talk is that delivering online services is a key to good governance. Now it is imperative to use Information and Communication (ICT) infrastructure in discharging the duties of various Government Departments. Once the information is processed, the three dimensions of the information i.e Confidentiality, Integrity and Availability must be preserved. Each organisation must develop an enterprise wide security program consisting of technologies, procedure and people. Today, information security is becoming critical to protect information assets, so much so that an organisation's information security strategy is being aligned with their strategic goals. The legislative framework of CERT In and NCIIPC is contextualised with respect to IT Act. This talk emphasis the roles and responsibility of the Chief Information Security Officer (CISO) in Strategic and Policy Planning, Information Security Management System (ISMS) and Auditing. It also lays a special emphasis on the Vulnerability Assessment and Penetration Testing (VPAT), Web Application Security Assessment and periodic Information Audits. The challenges faced by effectively implementing the Security Policy and experience of implementation of ISO 27001 also highlighted. Thus, there is a comprehensive explanation of the need of training and handholding of organizations in developing an enterprise wide security program.

About Key Speaker

Dr Harish Kumar is a man of many pursuits. Dr Harish is an alumni of the Aligarh Muslim University and studied MCA in 1990. Further, he has a M.Tech in Computer Science Engineering and a Doctorate in Object Oriented Database Management Systems. From CERTX, Canada he perused Advanced Networking and Internet in 2001. He has many industrial recognitions like CCNA, MCP, OCP DBA, Certified Data Centre Professional (CDCP) and ISMS 27001 Lead Auditor. For most of his professional career, his work entailed developing ICT infrastructure and solutions. He was responsible for developing e-governance solutions, curating ICT infrastructure (Network and Data Centre) at the Indian Council of Forestry Research and Education (ICFRE) and its 14 regional Centres. As Head of the Information Technology Department there, he was instrumental in building the IT infrastructure. Under his tenure, the first ISO27001 Data Certified Data Centre in Uttarakhand was established way back in 2009 at ICFRE HQ, which caters ICFRE and its Institutes. An MPLS VPN was set up during his tenure in 2007 using BSNL as backbone of 14 locations pan India and followed by the upgradation to VPN using the NKN network in 2013. He was the CISO for ICFRE and it's affiliated institutions since 2009 to 2018 and was instrumental in implementation of Information Security Management System (ISMS). Additionally he was responsible for the development of a knowledge management system IFRIS and incorporation of e-governance systems. Beyond the hustle of work, he is an avid walker, exploring the many trails and hikes around Dehradun. His love for this is overshadowed by his passion for golf, a sport where he boasts of many club achievements.

Talk 2:
CIS Controls: A CISO's Sceptre

About the Talk

The CIS Controls are a set of prioritized set of actions to protect your organization and data from known cyber-attack vectors. They are developed and maintained by a global community of cybersecurity experts. Aligning an organization's internal security controls to a consensus-based collection of cyber-risk mitigation strategies like the CIS Controls can help improve cybersecurity posture. The integration of a risk management program with the CIS Controls can define how a company identifies risk and how it can be treated. Treatment strategies come in the form of remediation steps to lower exposure to risk from vulnerabilities and threats to computer systems and business processes. They help protect organizations and their data from known cyber attack vectors. This set of best practices is trusted by security leaders in both the private and public sector and help defeat over 85% of common attacks.

About Speaker

Mr Karthikeyan did his M.Tech in Information Security and Computer Forensics at SRM University, Chennai. His areas of work include network security, cloud computing, digital forensics, intrusion detection and prevention analysis. He also played a role of a cyber forensic consultant for the state police departments and other governmental organizations to aid them on security policies and controls. He is a TigerScheme Associate PenTester, an EC-Council Certified Security Analyst and a RedHat Certified Engineer. Currently he is working as a Scientist at SETS.

Talk 3:
Cyber Security Tools for Organisation Security
by
SETS Scientists

INSTRUCTIONS

All are requested to register through the following link for the above webinar (No Registration Fee)

Registration Link: https://forms.gle/ok3dKmQnqV1AuHCq7

Webinar Link: **We will share the link for the webinar through the email for registered participants.**

Target Audience:
- **System Administrators, CISOs and Officers from Govt. Organizations.**
- **Engineers / Scientists from R&D labs.**

For more details:

Dr. P. Nageswara Rao	**Mr. S. Karthikeyan**
Coordinator	Technical Coordinator
Mobile: 9884143131	Mobile: 9884158528
E-mail: workshop@setsindia.net	E-mail: karthikeyan@setsindia.net

---

Organised by
Society for Electronic Transactions and Security (SETS)
(Under O/o the Principal Scientific Adviser to the Government of India)
MGR Knowledge City, CIT Campus, Taramani, Chennai – 600113
www.setsindia.in