November 2022

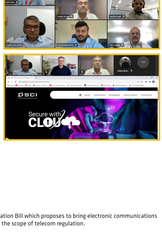
DSCI Community Newsletter

Promoting Data Protection and Cyber Security

THOUGHT LEADERSHIP

Launch of 'Secure with Cloud', a joint initiative by DSCI in collaboration with Google Cloud

Data Security Council of India (DSCI) and Google Cloud announced the 'Secure with Cloud' initiative which is a platform to help demystify cloud security, enable the government and public sector to deploy and transform with cloud adoption, and support India's digital future.



The initiative is supported by an advisory committee that consists of leaders from various industries including technology services, consulting, cloud service providers, ecommerce, and digital payments who would further guide and extend support toward meeting the common goals.

With this initiative, DSCI and Google Cloud aim to create a platform that will:
- Understand key drivers and challenges associated with cloud adoption.
- Develop evidence-based deliberations and case studies to drive cloud adoption.
- Capture the voice of CIOs/CISOs/ Central and State IT secretaries on successful cloud migration.
- Provide actionable insights through customer speak stories/case studies.
- Improve collaboration between stakeholders in the cloud ecosystem -Government regulators, CIOs, CISOs, CSPs, Cloud MSPs,
  start-ups, cloud security enterprises and services providers, and SaaS players.
- Share industry best practices and frameworks with start-up and app ecosystem on privacy and security.

Secure with Cloud details can be accessed at https://www.dsci.in/secure-with-cloud/

POLICY ADVOCACY

Draft Indian Telecommunications Bill 2022

The Department of Telecommunications (DoT) released the Draft Indian Telecommunication Bill which proposes to bring electronic communications and internet-based communications within the regulatory ambit of the DoT, expanding the scope of telecom regulation.

DSCI and NASSCOM collaborated to provide the following responses to the draft Bill:

- The definition of telecom service is to be redefined to focus on services 'for' telecommunications.
- Licensing regime should be designed using an activity-led and risk-based approach, and obligations imposed on any activity must be proportionate to the harms and risks associated with it.
- Broadcasting services should not be in the scope of this law, whereas the existing carriage-related aspects may be in scope as a subset of the activity of telecommunication or facilities.
- Satellite communication services merit a holistic examination since their regulation involves multiple government bodies.
- Virtual network operators should not be subject to licensing as they are more efficiently regulated through the contractual arrangements with TSPs & ISPs.
- OTT communication services should not be subject to licensing since they are already governed under the IT Act for their relevant obligations.
- Machine-to-machine services should not be subject to licensing, though some requirements may be considered, such as building network infrastructure and providing connectivity or device management services.
- Undefined or outdated terms, like 'data communication services', 'internet-based communication services', 'interpersonal communication services', 'electronic mail', 'auditors' or 'videotex' should be let go off or altered completely.

Open Network for Digital Commerce- Consultation Paper on Building Trust

DSCI proposed recommendations for the consultation paper released by the Open Network for Digital Commerce (ONDC). The paper enlightened the life cycle of a transaction in the ONDC network, and the measures taken to foster trust in the life cycle.

Some of the recommendations proposed by DSCI are stated below-
- ONDC should have a transparent onboarding process for its network participants to ensure real identities.
- It should adhere to architectural ideas that promise higher levels of assurance, enhanced authentication security, and strong authorization during the onboarding and transaction process.
- Measures should be introduced to mitigate risks of fraud in transaction processing, customer onboarding, payment processing, and even off-platform exchanges, communications, and advertisements.
- Principles of security and privacy by design should be incorporated.
- Decentralised nature of the platform should be maintained.

SEBI- Consultation Paper on Cloud Framework

DSCI submitted its interim responses to the consultation paper on Cloud Framework, released by The Securities and Exchange Board of India (SEBI):

- Mandatory requirement of procuring cloud services exclusively empanelled by The Ministry of Electronics and Information Technology (MeitY). GoI should not be imposed on enterprise Regulated Entities (REs). Global standards should be used as the benchmark to access Cloud Service Providers (CSPs) by REs.
- A shared-responsibility model should be defined in the contractual relations between an enterprise, RE and CSP.
- A risk-based approach should be adopted to encrypt data, based on the criticality and sensitivity of data.
- Third-party audits should be allowed to carry out consolidated audits for CSPs to ensure adherence to SEBI requirements to ease the audit responsibility of both REs and CSPs.

NITI Aayog- Consultation Paper on Responsible AI, Adopting the Framework: A Use Case Approach on Facial Recognition Technology

DSCI policy team submitted its interim recommendations on the consultation paper on Responsible AI- Adopting the Framework: A Use Case Approach on Facial Recognition Technology, released by NITI Aayog. The recommendation suggested introducing procedural safeguards and oversight mechanisms and introducing regulatory sandboxes to encourage innovation in controlled testing environments.

The paper highlights the privacy and security concerns surrounding the use of Facial Recognition Technology (FRT), specifically where it is deployed for surveillance.

Draft Digital Personal Data Protection Bill 2022

The Ministry of Electronics and Information Technology (MeitY), GoI released the draft Digital Personal Data Protection (DPDP) Bill 2022 on 18th November 2022 which stands open for public consultation till 17th December 2022.

DSCI is conducting a series of consultations, both in-person and virtual, to garner the feedback of the industry over the bill. The first consultation in this series was organised virtually on 22nd November 2022 which witnessed participation from over 130 individuals. The interaction witnessed enthusiastic participation from stakeholders across industries like Telecom, Healthcare, Banking, Insurance, etc.

Following this, various other in-person rounds of member consultation are planned in Bangalore, Mumbai, Hyderabad and Chennai.

DSCI will share consolidated feedback on the bill after the member consultations.

CENTRES OF EXCELLENCE (COE)

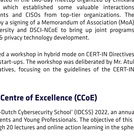
Centre for Cybercrime Investigation Training & Research (CCITR)

Training Programs

- Conducted two batches of a three-day workshop on "Cyberlaw & Cybercrimes" for 57 Judicial Officers of the rank of district & sessions judges, senior civil judges and civil judges from Karnataka Judicial Academy, Bengaluru. The workshop was followed by an exhibition display each day on different themes-
  1. Components of Computer & Sources of Digital Evidence
  2. Digital Forensics Hardware & Software
  3. Invasive Forensics, Publications & Reports
- Conducted a five-day training program on "Cybercrime Investigations & Digital Forensics" for 28 police officers from the Gurugram Police.
- Conducted a four-day workshop on "Cyber Crime Investigation Techniques Level -I" for 32 Police officers of the rank of Police Inspector & Police Sub-inspector from the CEN Police Stations, Karnataka.
- Conducted a two-day workshop on "Cyber Law & Cybercrimes" for 28 Public Prosecutors from Karnataka.
- Conducted a two-day training program on "Cybercrime Investigation Procedure" for 20 Probationary DySP of the KPA, Mysore.

The training workshops helped the participants learn about the occurring cybercrimes, open-source intelligence framework, forensic analysis of Tor Browser and Dark Web Monitoring, fake loan app investigation procedures & best practices for handling electronic evidence. The training was conducted with a set-up of a simulated environment of the scene of crime where participants were divided into groups to perform, seach & seizure in various situations.

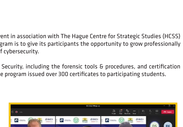




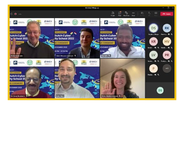
National Centre of Excellence (NCoE)

Key Highlights

• National CoE in collaboration with C-DAC (Centre for Development of Advanced Computing) and Infosprecept launched an acceleration program dedicated to SCADA/OT Security technology development in New Delhi, targeting experts from industry, government PSUs and academia. The overall participation for the program came from MeitY, ONGC, HPCL, BPCL PWC, ProsCo, BSES Rajdhani and E-many more.



• The 2nd round of Embedded Security Capture The Flag (CTF) 2022 was virtually conducted in collaboration with IIT Madras; it serves as a platform for students, start-ups, and corporate employees to showcase their skills in Hardware Security.



• The evaluation for the 2nd round was done by the members of IIT Madras, wherein 20 teams were shortlisted as finalists out of 116 qualifying teams from total participation of 500 teams. The finalists will participate in the Grand Finale at IIT Madras campus, which is scheduled to take place in a physical mode in December 2022.

• Successfully onboarded eight new start-ups- Inka Networks, Aurva, Redilent, Zenon, Finlock, Appsentinals, Riskpro, and HackXSecurity under the 10th incubation round. The onboarding followed with an orientation session that elaborated on the facilities and engagement programs conducted by N-CoE for their capability building.



• National CoE participated in the two-day meetup organized by Chitkara University Chandigarh which established some valuable interactions between 1,000+ students and CISOs from top-tier organizations. The meet-up was followed by a signing of a Memorandum of Association (MoA) between Chitkara University and DSCI-NCoE to bring up joint programs aimed at cyber security & privacy technology development.

• National CoE organized a workshop in hybrid mode on CERT-IN Directives for their 30+ incubated start-ups. The workshop was deliberated by Mr. Atul Kumar, Lead Gov. Initiatives, focusing on the guidelines of the CERT-IN Directives.

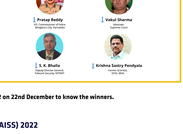
Cybersecurity Centre of Excellence (CCoE)

CCoE inaugurated 'Indo-Dutch Cybersecurity School' (IDCSS) 2022, an annual event in association with The Hague Centre for Strategic Studies (HCSS) for Indian & Dutch students and Young Professionals. The objective of this program is to give its participants the opportunity to grow professionally and academically through 20 lectures and online action learning in the sphere of cybersecurity.

This year, IDCSS primarily delivered lectures on Enterprise Security and Cloud Security, including the forensic tools & procedures, and certification roadmap that students can take to build a career in cyber forensics. All in all, the program issued over 300 certificates to participating students.

Key topics covered

- Information manipulation & subversion of democracy
- Enterprise security
- International cooperation on cyber capacity
- Network security
- Windows forensics
- Career in forensics
- Automotive security
- Ransomware
- Cyber forensics
- Accountability
- Cloud security
- IoT security
- Cryptography
- DDoS



AWARENESS & OUTREACH

DSCI Excellence Awards 2022

The 12th edition of DSCI Excellence Awards is underway which is an initiative to celebrate and honor the noteworthy contributions of individuals and organizations in cybersecurity and privacy. Nominations were invited for various categories under the corporate, product and law enforcement segments.

Total Nominations Received	Corporate Segment	Product Segment	Law Enforcement Segment
314	219	31	64

The awards are being judged by an eminent Jury Panel that consists of:





Stay tuned for the Awards Ceremony at AISS 2022 on 22nd December to know the winners.

17th Edition of Annual Information Security Summit (AISS) 2022

The 17th edition of NASSCOM-DSCI's flagship event Annual Information Security Summit (AISS) 2022 is slated to take place on December 20, 21 and 22 at The Hotel Leela Ambience, Gurugram.

The event aspires to bring together C-level executives, policymakers & influencers, government officials, security & privacy professionals, and experts from academia, research, tech, & innovation to deliberate on the entire spectrum of cybersecurity & data protection. The core and fundamental intent of AISS is to enable, facilitate, organize and orchestrate collective learning, experience sharing, impactful dialogues, differential diagnoses of the topical security & privacy issues and challenges, consensus building and future casting.

Experience a plethora of activities that the event is set to offer-
- 09 deep-dive workshops
- 05 plenary sessions
- 20+ keynote addresses
- 200+ global industry leaders/experts
- 07 Key sub-events and much more!

Register Now: https://www.dsci.in/events/aiss-2022/

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