

INFORMATION

SECURITY SERVICES [ISS]

Your Security, Our Priority

Services Portfolio

C-DAC is one of the Cert-In Empaneled Organization. As part of this the following Information Security services are offered

- Vulnerability Assessment and penetration testing of
- Websites, Web applications, Web services, network infrastructure, mobile applications and other critical IT components.
- Security Compliance Audits like ISMS, NIST, OSSTMM, HIPAA, ISO27001: 2013, eSign Service Provider (ESP),

Application Service Provider (ASP), Aadhar AUA/KUA etc.,

- Enterprise Network Architecture Analysis
- Wireless Security Assessment
- ISMS consultancy services
- Information Security Awareness and Training
- Open source based SOC Implementations
- Design and Development of Security Policies, Procedures, Guidelines etc., as per National Cyber Security Policy

Standards, Methodologies and Guidelines followed

- CERT Guidelines
- OWASP - Open Web Application Security Project
- ISO/IEC 27002
- ISO/IEC 27005
- ISO/IEC 27033

- NIST - National Institute of Standards and Technology
- CIS Benchmarks - Center for Internet Security
- OSSTMM - Open Source Security Testing Methodology Manual
- Best Practices from SANS, ISACA , COBIT etc.,

Globally Certified Professionals

More than 75 Certified professionals (in CEH/ECSA/CISA/CISM/CISSP/GIAC/SANS/CISSPs)

Audits Performed - Clients List

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|-----------------------------------|------------------------------|----------------------------------|
| • AP Economic Development Board | • NMPT | • Ujjivan Financial Services |
| • Ascentx (P) Ltd., | • RCI | • Tamil Nadu Salt Corporation, |
| • Board of Intermediate Education | • NIC | • Media Lab Asia-NeGD (Dept of |
| • CGG | • Rail Tel | Information Technology) |
| • DMRC | • IIIT | • L&T |
| • Digiotech | • Direxions India (P) Ltd., | • NIRDPR |
| • DRDL | • FTAPCCI | • State Urban Development Agency |
| • Director General of Shipping, | • Indiabulls | • HPCL |
| • Gujarat Informatics Ltd. | • MeECL | • SBTET |
| • HPS, | • Pune Corporation | • CS Hemant Pawar & Associates |
| • HDFC | • RCUES | Company Secretaries |
| • INFILIBNET | • Winnou Solutions (P) Ltd., | • Enclever |
| • ICICI | • Finahub | • Water Resource Irrigation |
| • Ship Building Centre | • Taigle, | Department & many more... |

Major Projects

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| • Network Audit at Ship Building Centre (SBC-V) | • Network Infrastructure audit at IDRBT |
| • Network Infrastructure audit at New Mangalore Port Trust (NMPT) | • Automated Fare Collection System Audit at Delhi Metro rail Corporation Ltd (DMRC) |
| • Auditing, Hardening and Policy preparations at NIC Delhi | • Research Centre Imarat(RCI) - Defence Research and |
| • D-net and Intranet Network audit at DRDL, Hyderabad | Development Organization(DRDO) |
| • Data Centre audit at Railtel, Secunderabad | • Centre for Good Governance(CGG) |

C-DAC is Cert-In Empaneled Organization

INFORMATION SECURITY TRAINING(S)

TRAINING FOR GOVERNMENT OFFICERS

- Understanding Network Concepts and Its Protocols
- Understaning TCP/IP Communication
- Vulnerability Analysis/Penetration Testing Attacks and Management Practices

- Cryptology and Network Security Protocols
- Web Application Security
- Wireless Security

TRAINING FOR LEA'S



Resource centre for Cyber Forensics

- Cyber Crime & Mobile Forensics Course
- Social Media & Network Forensics
- Cyber Crime Investigation
- Mobile Forensics & CDR Analysis, Post Blast Investigation
- Cyber Security

- Cyber Crime Investigation & Cyber Forensics Course
- Cyber Crime Investigation
- Cyber Crime Investigation, Social Media & Network Forensics
- Disc Forensics
- Mobile Forensics

TRAINING PROGRAMMES / SHORT TERM COURSES / CERTIFICATION COURSES

- e-Suraksha – A Practical Approach to Network Security
- Network Programming and Security
- Security Engineering
- Malware Analysis
- Malware Reverse Engineering
- Secure Android Application Development
- Mobile Ethical Hacking & Mobile Security
- Mobile Forensics
- Web Application Security
- Penetration Testing and Ethical Hacking
- Penetration testing on Android platform
- Securing Windows Infrastructure
- Android security

- Computer / Network Forensics / mobile forensics
- Wi-Fi Security
- Secure Coding Practices
- C-DAC's Certified Professional in Cyber Security
- Honeypot solutions for Capturing & Analysis of Cyber Threat
- Exploit writing and reverse engineering
- Cyber Threat intelligence gathering, generation and visualization
- Digital Signatures and Public Key Infrastructure
- DNS Security
- Cloud Security Workshop

ACADEMIC COURSES



- M.Tech in Information Security
- M.Tech in Comp.Sc. with specialisation in Information Security

- Retrofitting of B.Tech and M.Tech
- Diploma in Information Security
- Certificate Course in Information Security

C-DAC E-LEARNING COURSES

- Courses list C-DAC's Course on Cyber Security [CCCS]

- Courses list C-DAC Certified Course on Cyber Security Professional [CCSP]

CERTIFICATION SCHEME IN INFORMATION SECURITY



Level 1 : ISEA Certified System Security Analyst [CSSA]

- Computer Fundamentals and Computer Networks
- Operating System Administration
- Information Security Concepts
- System Security

Level 2 : ISEA Certified Information Systems Security

Auditor [CISSA]*

ISEA Certified Computer Forensic Professional

[CCFP]

ISEA Certified System Security Solution Designer
[CSSSD]*

Level 3 : ISEA Certified System Security Professional [CSSP]*

- Cryptography and Network Security
- System and Device Security
- Mobile and Wireless Security
- Database and Web Application Security

* Customized trainings as per organization needs



प्रगत संगणन विकास केन्द्र

CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING

इलेक्ट्रॉनिकी और सूचना प्रौद्योगिकी मंत्रालय की वैज्ञानिक संस्था, भारत सरकार

A Scientific Society of the Ministry of Electronics and Information Technology, Government of India