

## West Bengal Computer Security Incident Response Team (WB-CSIRT)

Over the past few years, most states and organizations have been facing an increasing risk of cyber-attacks. To mitigate this risk, organizations are hiring experts to perform vulnerability assessments and comply with the best practices. In addition, advanced technologies have been developed to protect organizations' networks and data. Despite all this effort and expense, computer security remains an engaging problem. The more states and organizations are equipping themselves to fend off their installations from cyber-attacks, the more sophisticated mechanisms are being deployed by the attackers. In order to address this challenge, a well-equipped in-house incident response team in the state of West Bengal has been set up as the **West Bengal Computer Security Incident Response Team (WB-CSIRT)**.

### Scope & Functions of the WB-CSIRT:

- ✓ **WB-CSIRT** shall respond to any **computer threat** and **computer incident** to all Public Information Technology Infrastructure in the State of West Bengal.
- ✓ **WB-CSIRT** shall assist in **mitigation** and **prevention** of major incidents in order to protect critical as well as valuable Information Technology assets while delivering public services effectively across the state.
- ✓ **WB-CSIRT** shall act as the **State Nodal Agency** for conducting, pro-actively and/or on requisition, **Web Application Security Assessment (WASA)** cum Audits and **Information Infrastructure Security Assessment (ISA)** cum Audits for all Public Information Technology Infrastructure including Government Web-sites/Web-portals/Web-applications, owned and/or managed by various State Government organisations.
- ✓ **WB-CSIRT** shall primarily ensure **Cyber Assurance** and **Threat Mitigation** for State IT Infrastructure in Government establishments, in consultation with **CERT-In** and **West Bengal Cyber Security Centre of Excellence (CS-CoE)**.
- ✓ **WB-CSIRT** assist all State Government Departments and their subsidiaries / para-statal along with District authorities and Statutory institutions nominating their Nodal Officer in-charge of Cyber Security and maintain an updated repository comprising details of administrator of Public websites / portals / web applications managed by or on behalf of the State Government.
- ✓ **WB-CSIRT** will identify **Critical Information Infrastructure (CII)** in the State and assist the concerned administrative Department to work in close co-ordination with the **CS-CoE West Bengal, NCIIPC** and **CERT-In** among other cyber-security agencies as may be necessary from time to time.
- ✓ **WB-CSIRT** will help in development of qualified and empowered cyber-security emergency response workforce centrally at the **WB-CSIRT** as well as with each and every State Government.
- ✓ **WB-CSIRT** will impart training to build capacity of various strata of the society and upskill Government employees; to ensure Cyber Assurance for all Public Information Communication Technology (ICT) Infrastructure.
- ✓ **WB-CSIRT** shall be responsible for issuing advisory, inculcating cyber-hygiene and conforming to standards requisite for ensuring safety and security of all Public Information Technology Infrastructure in the State of West Bengal.

- ✓ **WB-CSIRT** will monitor, identify vulnerabilities and suggest remedial measures for correcting vulnerabilities in all Public Information Infrastructure owned and/or managed by different State Government organisations and 'certify' their status of safety.
- ✓ **WB-CSIRT** will develop State's **Cyber Crisis Management Plan (CCMP)** and implement the same in coordination with **CERT-In** by ushering in well laid policies and procedures for ensuring Data Security, Information Security and Network Security offering following services but not limited to:
  - Vulnerability Assessment, Reporting and Remediation
  - Incident Reporting, Containment and Remediation
  - Incident Analysis, Advisory and Benchmarking
  - Online (Live) and/or Offline (Batch) System-Log Collection, Collation, Analysis, Advisory and Benchmarking
  - Coordination with CERT-In, NCIIPC, and/or any other organisation as would be notified in due course

### **Contact Information**

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