NTT-CERT

NTT Computer Security Incident Readiness and Response Coordination Team

5 Oct, 2005

“Work in Progress session”
at FIRST TC Oct 2005 at Buenos Aires

What’s NTT

- Nippon Telegraph and Telephone Corporation
- The holding Company of NTT Group
  - With R&D functionality
- More than 400 subsidiary companies within NTT Group
  - More than 200,000 employees
- Provide comprehensive telecommunication services
  - PSTN, Mobile Phone, Data Communication, ISP, IDC, IP-VPN, CDN, System Integration
NTT-CERT

NTT
- NTT-East
  - ISPs
- NTT-West
  - Internet Servers
- NTT-Com
  - Internal Systems
- NTT-Docom
  - Internal Systems
- NTT-Data
  - Customer Systems Integration & Maintenance
- Others

NTT R&D Labs
- NTT-CERT
  - Information Sharing
  - Response Coordination
  - Technical Support
  - Training/Awareness

- FIRST
- JFIRST
- CSIRTs
- 3rd Party

Internal Structure

PoC
- Incident handling & Coordination
- CSIRT Development, Training & Partnership Enhancement

Web

Public Monitoring

Artifact/Vulnerability Analysis

System/Tool Development

Internal System Management

Management
A Work in Progress

◆ Expand Information Sharing Capability
  • To disseminate significant information to appropriate place (Internal/External) at appropriate timing and support solutions
  • More information from constituency
    • NTT-Group has many systems and experts
  • Seize and maintain contact point in group companies
  • More information from/to external CSIRTs
    • Information exchanges in trusted community.

Approach

◆ Set up grass-roots community of security experts and system operations experts in NTT Group
  • Mailing list
  • Face to face meeting (NTT-CERT Security Workshop)
◆ Implement intelligent information switching functions in operating companies
  • They seize systems and contact points of their company and forward information to appropriate person
  • Now experiment stage. Hopefully, we are going to create handbook-like documentation
◆ Enhance information sharing and contact point management by computer supported systems (under discussion/planning)
Gracias!
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