

Seminar No. 1 Technical Regulations in the Information Security Field

Compose the project of the technical regulations for the development and use of technical means of speech information protection according to the following plan:

- application area (the purpose of the indicated mean);
- terms and definitions (use materials of the theme 1.1);
- information security requirements (properties of the indicated mean corresponding to the information security providing);
- ensuring compliance with information security requirements (how to achieve the properties of the indicated mean corresponding to the information security providing);
- procedure for confirming compliance with information security requirements (how to check the properties of the indicated mean corresponding to the information security providing).

Seminar No. 2 Legal Support of Information Security

Fill the Table below.

| Document Name | Issuing Country | Document Purpose |
|---|------------------------|-------------------------|
| TCSEC (Trusted Computer System Evaluation Criteria) or “Orange Book” | | |
| NCSC-TG-005 and NCSC-TG-011 or “Red Book” | | |
| “Green Book” | | |
| ITSEC (The Information Technology Security Evaluation Criteria) or “White Book” | | |
| CTCPEC (The Canadian Trusted Computer Product Evaluation Criteria) | | |
| Federal Criteria | | |
| Common Criteria | | |

Seminar No. 3 International Standards of the Information Security Sphere

Fill the Table below.

| Standard Name | Standard Purpose |
|--|------------------|
| ISO/IEC 27000:2013 Information technology. Security techniques. Information security management systems. Overview and vocabulary | |
| ISO/IEC 27001:2013 Information technology. Security techniques. Information security management systems. Requirements | |
| ISO/IEC 27002:2013 Information technology. Security techniques. Code of practice for information security management | |
| ISO/IEC 27003:2017 Information technology. Security techniques. Information security management system implementation guidance | |
| ISO/IEC 27004:2016 Information technology. Security techniques. Information security management. Measurement | |
| ISO/IEC 27005:2018 Information technology. Security techniques. Information security risk management | |
| ISO/IEC 27035:2016 Information technology. Security techniques. Information security incident management | |
| ISO/IEC 15408-1:2009 Evaluation criteria for IT security | |
| ISO/IEC 15408-2:2008 Evaluation criteria for IT security | |
| ISO/IEC 15408-3:2008 Evaluation criteria for IT security | |
| NIST SP 800-53 | |
| NIST SP 800-50 | |
| NIST SP 800-40 | |

| Standard Name | Standard Purpose |
|---|-------------------------|
| NIST SP 800-53 A | |
| NIST SP 800-37 / NIST SP 800-39 / NIST SP 800-30 | |
| NIST SP 800-61 / NIST SP 800-86 | |

Seminar No. 4 Computer Incident Investigation

Build the models of information security breakers who did the following:

- stole from the office of the head the paper documents, which contain confidential information of the organization;
- stole electronic documents, which contain confidential information of the organization;
- realized social engineering attack targeted to the unauthorized access to the data about company customers;
- realized DDoS-attack;
- realized malware attack.