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GA

**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GA 612-2006

**Information service system of internet -- Security protection
technology controls -- Standard of communication
(English Translation)**

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Foreword

4.4.3, 4.6.3 of this standard are recommended clauses, others are mandatory clauses.

GA 612-2006 is one of the series of standards for "Technical Measures for Security Protection of Internet Information Service Systems". The structure of this series of standards as follows.

--- Internet information service system security protection technical measures information code;

---Data format of the technical measures for security protection of Internet information service systems;

---Technical requirements for technical measures for security protection of Internet information service systems;

--- Internet information service system security protection technical measures communication standards.

This standard was proposed by the Public Information Network Security Supervision Bureau of the Ministry of Public Security.

This standard is under the jurisdiction of the Information System Security Standardization Technical Committee of the Ministry of Public Security.

This standard was drafted. Ministry of Public Security Computer Information System Security Product Quality Supervision and Inspection Center.

1 Scope

This standard specifies the Internet communication protocols and interfaces used by Internet information service units and alarm handling departments for data exchange.

Claim.

This standard applies to Internet information service systems. Other types of systems that provide Internet information services may be implemented with reference to this standard.

2 Normative references

The terms in the following documents become the terms of this standard by reference to this standard. All dated references, followed by all Modifications (not including errata content) or revisions do not apply to this standard, however, parties to agreements based on this standard are encouraged to study is it possible to use the latest version of these files? For undated references, the latest edition applies to this standard.

GB 2312-1980 Basic set of Chinese character coded character set for information exchange
GB 18030-2000 Extension of the basic set of Chinese character coded character sets for information technology information exchange
GA 609-2006 Internet Information Service System Security Protection Technical Measures Information Code
GA 610-2006 Internet Information Service System Security Protection Technical Measures Data Format

3 Terms and definitions

The terms and definitions established by GA 609-2006 and the following are applicable to this standard.

4.1 Protocol Name

The Internet information service unit and the alarm handling department shall conduct Internet communication based on the TCP/IP protocol.

4.2 Application Interface

The communication interface between the Internet information service unit and the alarm handling department shall provide services to each other according to the Webservice standard, and the interface definition Including the function name, calling parameters, returning results.

4.3 Access method

a) Internet information service units should be able to identify with the alarm handling department to establish a secure data channel. For example. by negotiating a key Establish

an SSL encrypted channel for communication;

b) The alarm handling department shall be able to issue auditing policies and remote query commands to the Internet information service unit. For example, at alarm handling Under the premise that the department has established a secure channel with the Internet information service unit, the alarm handling department issues the audit policy by default.

Require Internet information service units to perform this audit strategy, perform corresponding audit deployment, and implement instant upload alarm or local stay Store information alarms. The remote query command defaults to the interface and instruction set provided by the Internet information service unit, and the alarm handling department Remote data acquisition via a secure channel;

c) Internet information service units should be able to submit real-time reporting alarm data that meets the requirements of the rules to the alarm handling department (ie, instant Reporting information), can also provide the number of escalated alarms according to the query (this query can be realized by remote query or local data query) According to and daily log data.

4.4 Security protection

WebService is an open standard. To avoid excessive number of simultaneous calls and malicious attacks, the management system is congested.