Tables

Table 30A-1 Assets Management

Type of assets	Security level	Personnel with Accountability
Data in databases (SRS database and business support database)	High	DBA
Configuration policies of database platform	High	DBA
Installation documents and maintenance manuals of databases	High	DBA
SRS services software, installation documents, maintenance manual	High	Director of the O&M Department
DNS services software, installation documents, maintenance manual	High	Director of the O&M Department
Whois query service software, installation documents, maintenance manual	High	Director of the O&M Department
Registrar business support services, installation documents, maintenance manual	High	Director of the O&M Department
Registry business support services, installation documents, maintenance manual	High	Director of the O&M Department
Mail service software, installation documents, maintenance manual	Middle	Director of the O&M Department
Relevant website software, installation documents, maintenance manual	Middle	Director of the O&M Department
Router and purchase contract	Middle	Director of the O&M Department
Routing configuration policies	High	Director of the O&M Department
Firewall and purchase contract	Middle	Director of the O&M Department

Firewall configuration policies	High	Director of the O&M Department
Load balancer and purchase contract	Middle	Director of the O&M Department
Load balancer configuration policies	High	Director of the O&M Department
Servers and purchase contracts	Middle	Director of the O&M Department
Operating system software, installation documents	Middle	Director of the O&M Department
Communication services and public facilities criteria and relevant contracts	Middle	Director of the O&M Department
SRS registry services software code	High	Director of the R&D Department
DNS services software, installation documents, maintenance manual	High	Director of the R&D Department
Whois query services software, installation documents, maintenance manual	High	Director of the R&D Department
Registrar business support services, installation documents, maintenance manual	High	Director of the R&D Department
Registry business support services, installation documents, maintenance manual	High	Director of the R&D Department
Business log	High	Director of the R&D Department
Services logs of applications	Middle	Director of the O&M Department
Network access logs	Middle	Network security specialist

Table 30A-2 KSRP's Definition to Events

Class	Affected information system	Description of influence degree
Critical event	DNS	Over 80% of the DNS nodes do not respond to requests
		The DNS response speed is too slow; the response time for over 70% of the requests exceeds 1000ms.
		Errors occur to the zone file data; the error ratio is >= 10%.
		The downtime of DNS service (all servers) per week >= 4 hours
		The downtime of DNSSEC per week>= 4 hours
	SRS	The downtime of the SRS is >= 24 hours
	Whois query	The downtime of the Whois system is >= 24 hours
	Data escrow	After being processed, the daily incremental deposit remains unfinished even when exceeds 200% of the recent average execution time, or after 48 hours (2 days). After being processed, the weekly full deposit remains unfinished even when exceeds 200% of the recent average execution time, or after 336 hours (14 days).
	DNSSEC	The failure of private key rollover >=48 hours; Private key exposure
	Database platform	The data records in the database platform are missing; the error ratio is >= 10%.
		The client data records in the database platform are illegally falsified
Serious event	DNS	The DNS response speed is too slow; the response time for over 50% of the requests exceeds 1000ms.
		The completion time of 20% of the DNS data update requests is >=4 hours
		Errors occur to the zone file data; the error ratio is <= 10%.
	Database	The data records in the database platform are missing; the error

	platform	ratio is < 10%.
		The data records in the database platform are leaked; the ratio is >= 10%.
	SRS	The downtime of the SRS is >= 4 hours
	Whois query	The downtime of the Whois system is >= 4 hours
	Data escrow	After being processed, the daily incremental deposit remains unfinished even when exceeds 200% of the recent average execution time, or after 24 hours (1days). After being processed, the weekly full deposit remains unfinished even when exceeds 200% of the recent average execution time, or after 168 hours (7 days).
	DNSSEC	The failure of private key rollover >=24 hours;
	R&R business support platforms	The downtime of the main functions of the platforms is >= 8 hours
Moderate event	DNS	The DNS response time exceeds that specified in the SLA (>=1 day), but the Internet users are not significantly affected.
		The completion time of 20% of the DNS data update requests is >=2 hours
	SRS	The registration response time exceeds that specified in the SLA, namely >=4 hours, but the Registrar's business is not affected significantly.
	Whois system	The Whois response time exceeds that specified in the SLA, namely >=4 hours, but the Internet users are not affected significantly.
	Data escrow	After being processed, the daily incremental deposit remains unfinished even when exceeds 150% of the recent average execution time. After being processed, the weekly full deposit remains unfinished even when exceeds 150% of the recent average execution time.
	DNSSEC	The private key rollover fails
	R&R business support	The downtime of the main functions of the platforms is >= 1 day

	platforms	
	General information systems	The relevant websites are maliciously falsified
General event	DNS	Individual domain name servers break down without affecting the continuity and response time of the overall domain name services are not affected
		The completion time of some of the DNS data update requests is >= half an hour
	SRS	Individual SRS servers fail without affecting the continuity and response time of the overall SRS services are not affected
	Whois system	Individual Whois servers fail without affecting the continuity and response time of the overall Whois services
	R&R business support platforms	The downtime of some functions of the platforms is <= 2 hours
	General information systems	The downtime of relevant websites is >=1 hour