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**Cybersecurity technology - Technical requirements for the
minors mode in the mobile internet**

网络安全技术 移动互联网未成年人模式技术要求

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4 Overview

Minors may face various risks affecting their physical and mental health when using online products and services, such as illegal and harmful content. Risks include infringement of beneficial information, internet addiction, violation of personal information rights, and risk-induced consumption. Mobile internet minor mode is designed for minors, adapts to the laws and characteristics of minors' physical and mental health development, and protects them. The healthy and safe use of the internet by minors mainly includes mobile smart terminals, mobile internet applications, and mobile internet application sub-platforms. The platform includes a mode for minors and related features.

5 Technical Requirements for Minor Mode on Mobile Smart Terminals

5.1 One-click start and exit Mobile smart terminals must meet the following requirements.

a) Mobile smart terminals should support one-click activation and deactivation of the minor mode, making it convenient for users to manage the minor mode on mobile smart terminals. Switching between styles;

b) Mobile smart terminals should provide an interface for linking the minor mode status to mobile internet applications and mobile internet applications. The app distribution platform reads the status of the minor mode on the mobile smart terminal and activates or deactivates the corresponding mode based on the read status. The user's minor mode status on the mobile smart terminal should comply with the provisions of Appendix A;

Note. The status of the minor mode on the mobile smart device includes whether the minor mode is supported or enabled. Status, age range status of mobile smart terminal underage mode.

c) The entry point for the minor mode should be located in a prominent position, and users

should be able to access it through various means such as pop-up reminders and system settings. Adult Mode. Users can select not to use the minor mode upon initial power-on or in system settings; the mobile smart terminal will then no longer display this option. Related reminders;

d) The minor mode on mobile smart terminals should support users to set their birthday, select their age, or select an age range. The system allows parents to set up age information for minors and supports them in choosing between single or combined authentication methods such as passwords and fingerprints. Adult mode status instructions are based on;

e) Mobile smart terminals should provide a status interface supporting a minor mode for mobile internet applications, and be able to access mobile internet... When installing and updating an application, the system reads the minor mode support status of the mobile internet application. The mobile smart terminal does not... The adult mode support status should comply with the provisions of Appendix B. For mobile internet applications that provide a minor mode identifier, Preface. Mobile smart terminals should ideally allow the mobile internet application to be used in the minor mode by default;

f) Mobile smart terminals should have default basic function classes, emergency function classes for protecting the personal health of minors, and be registered with the relevant competent authorities. Products and services that provide educational services to minors can be used in the minor mode;

g) Mobile smart terminals should, by default, disable all mobile internet applications in minors' mode, except those that meet

h) Mobile smart terminals should provide a parental identity verification interface for mobile internet applications to call on demand;

i) Mobile smart devices can ask parents whether to retain the minor's configuration information before exiting the minor mode, so that it can be saved for the next startup. Then apply directly.

5.2 Application Management

5.2.1 Parental Management Parental control must meet the following requirements.

a) Mobile smart terminals should provide parents with application permission options when entering the minor mode, allowing parents to select mobile internet access. Is the application usable in a minor mode?

b) Mobile smart terminals should provide a function to query the usage of the minor's mode, provided that it complies with the requirements for protecting the privacy of minors;

c) Mobile internet applications and services that are expressly prohibited by relevant laws and administrative regulations from being used by minors, and are not permitted to be used

by minors. Use in human mode.

5.2.2 Usage Time and Duration Management Usage time management must meet the following requirements.

a) Mobile smart terminals should be counted based on screen illumination and background audio processes, and the mobile internet usage time included in the statistics should be managed accordingly. Terminal usage time during application runtime.

b) When the recommended daily usage time limit is exceeded, the mobile smart device should default to using only essential mobile internet applications and parental controls. Other mobile internet applications besides those exempted from exemptions will be suspended.

c) Mobile smart terminals should be designed based on the internet usage habits, internet usage needs, and physiological and psychological characteristics of minors of different age groups. Points provide differentiated duration management functions.

---In the minor mode for users under the age of 16, mobile smart terminals support a default total daily usage time not exceeding [a certain limit]. 1 hour later;

---In the minor mode targeting users aged 16 to under 18, mobile smart terminals support default single-day usage. The total time should not exceed 2 hours.

d) In the minor mode, when a minor user continuously uses the mobile smart terminal for a set period of time, the mobile smart terminal... The client should issue a rest reminder, and the default reminder interval should not exceed 30 minutes.

e) In the minor mode, mobile smart terminals do not provide services to minors by default from 10 PM to 6 AM the next day. Parents are sometimes exempt from the procedure.

f) The time management module of the mobile smart terminal should support the following functions.

---Set the total usage time of the mobile smart terminal;

6.1 Functional Requirements

6.1.1 Entry Management The entry management requirements for the minor mode of mobile internet applications are as follows:

a) Mobile internet applications should be able to automatically detect when a mobile smart terminal is in underage mode and, based on the mobile smart terminal's status, [follow the instructions/requirements]. The terminal's status for enabling or disabling the minor mode corresponds to whether minor mode is enabled or disabled, and the terminal mode status should comply with Appendix A. Regulation; Example. Mobile internet application A detects that the mobile smart terminal it is running has enabled the minor mode, and the age range for minor mode is [age range missing]. For users aged 3 to under 8, mobile application A

will automatically switch to minor mode and recommend age-appropriate content to them. Age-appropriate content.

b) Mobile internet applications should provide a status indicator of their minor mode support to mobile smart terminals during installation or updates. The recognition and support status should comply with the provisions of Appendix B;

c) When the mobile smart terminal is in non-minor mode, a prompt should be made when the user first enters the mobile internet application to ask whether to... When entering the minor mode, users can choose not to receive further reminders.

d) When the mobile smart terminal is in non-minor mode, the mobile internet application should provide an easily accessible minor mode. Style entrance.

6.1.2 Time Management Mobile internet applications should have a time management function in their minor mode, and the time management requirements are as follows:

a) Daily usage time management should be supported.

---In the minor mode targeting users under the age of 16, mobile internet applications should support a default daily usage total Duration not exceeding 1 hour;

---In the minor mode targeting users aged 16 to under 18, mobile internet applications should support default... The total usage time on a single day shall not exceed 2 hours.

b) Continuous usage reminders should be supported. When a minor user continuously uses a mobile internet application for a set period of time, a reminder should be issued. Mobile internet applications should issue rest reminders, with the default reminder interval not allowed to exceed 30 minutes.

c) Time-based management should be supported; mobile internet applications should, by default, not allow access to minors between 10 PM and 6 AM the following day. Provide services.

d) Parents should be able to set and modify the time management functions in

a) to c), and their identity should be verified before the settings and modifications take effect.

e) If the mobile internet application's minor mode is linked with the smart terminal, time management is handled by the smart terminal. implement.

6.3 Service Requirements

6.3.1 Online social networking services In the minor mode, mobile internet applications providing online social services, in addition to complying with requirements

6.1 and 6.2, must meet the following requirements. The following requirements are made.