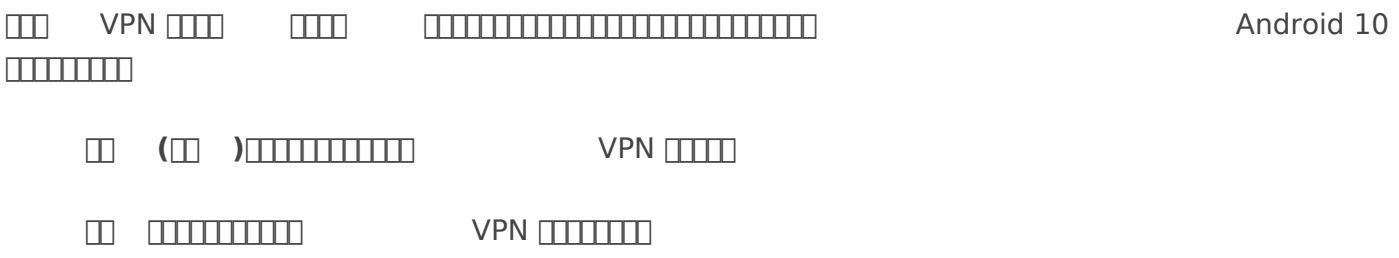


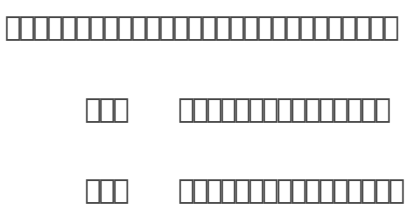
9.8. ??????????



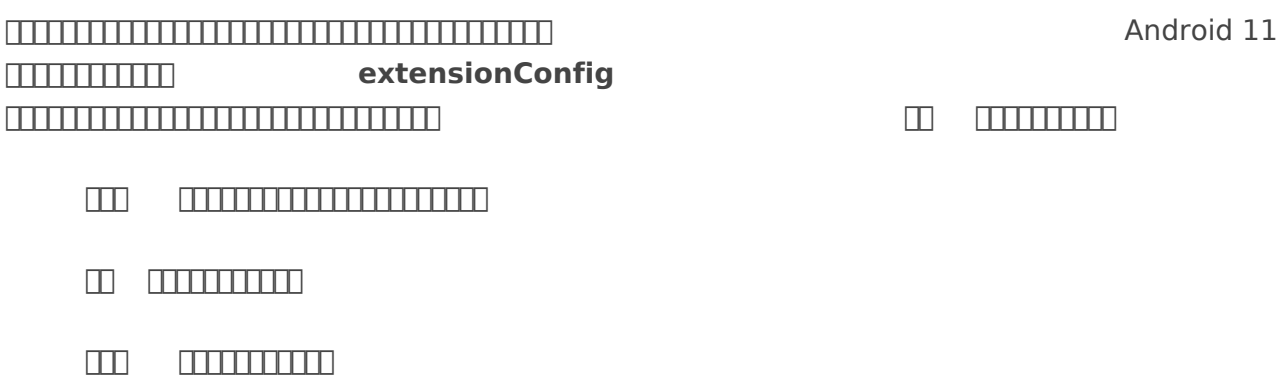
9.9. ?????? VPN ??????



9.10. ????????



9.11. ???????



9.12. ?????

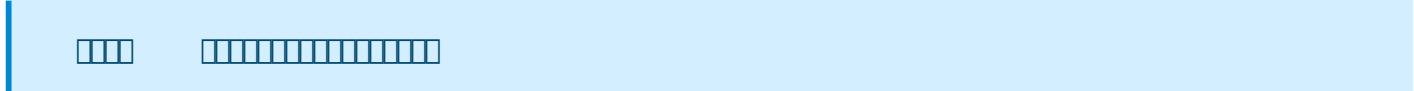


9.13. ??????????

Android 14

9.14. ????

“ ” “ ”



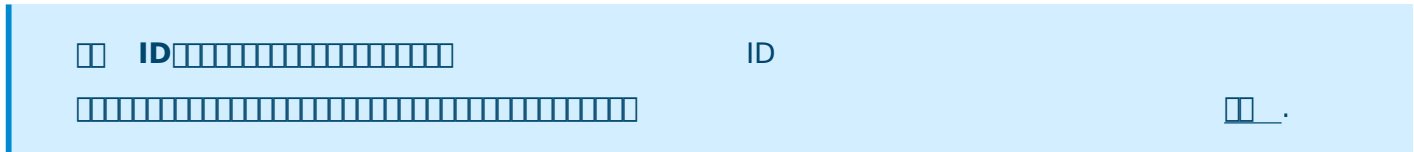
9.15. ????

Android

Android

9.16. ??ID

ID ID ID



10. ??????????

Android

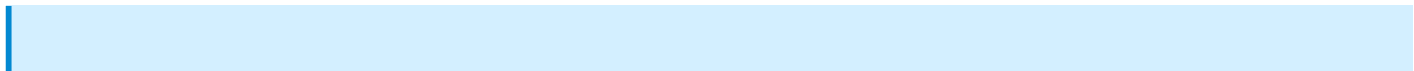


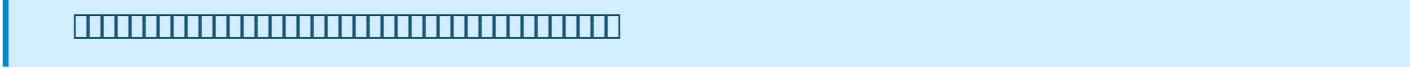
10.1. ???????

Android

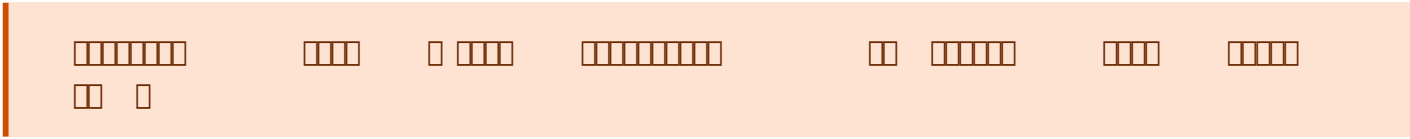
10.2. ??????????

Android

















10.3. ??????



11. ?????



12. ??????

 Android

 KeyChain.choosePrivateKeyAlias URL  URL
 urlPattern  ".*"  Android 11
 KeyChain.getPrivateKey
 KeyChain.choosePrivateKeyAlias KeyChain.choosePrivateKeyAlias 
 choosePrivateKeyRules 



12.1. ?????



12.2. URL ???

 URL  URL  java.util.regex.Pattern


12.3. ??????

 Play

 KeyChain.choosePrivateKeyAlias  KeyChain.choosePrivateKeyAlias
 Android 11  Android UID

KeyChain.choosePrivateKeyAlias



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