



MoGua

PIA VPN 3.16.0.APK 分析报告



APP名称:

PIA VPN

包名: `com.privateinternetaccess.android`

域名线索: 14条

URL线索: 29条

邮箱线索: 9条

分析日期: 2025年6月5日

分析平台: [摸瓜APK反编译平台](#)

文件名: com.privateinternetaccess.android.PIAApplication.apk

文件大小: 30.4MB

MD5值: fd4e32d6c5bd584768308ca401d9c6ec

SHA1值: 45fdbb2f86dc9c6295d626caba23bfd9bcf3ed8f

SHA256值: 7a8621609ee72f1bc64afe2517591fc9537727d26b312beaca51df92eec6bd55

i APP 信息

App名称: PIA VPN

包名: com.privateinternetaccess.android

主活动Activity: com.privateinternetaccess.android.ui.LauncherActivity

安卓版本名称: 3.16.0

安卓版本: 577

🔍 域名线索

域名	服务器信息
s3.amazonaws.com	IP: 52.216.178.229 所属国家: United States of America 地区: Virginia 城市: Ashburn 纬度: 39.043720 经度: -77.487488
ktor.io	IP: 13.227.62.82 所属国家: Japan 地区: Tokyo 城市: Tokyo 纬度: 35.689507 经度: 139.691696
github.com	IP: 20.205.243.166 所属国家: United States of America 地区: Washington

	城市: Redmond 纬度: 47.682899 经度: -122.120903
www.bouncycastle.org	IP: 203.32.61.103 所属国家: Australia 地区: Victoria 城市: Fitzroy 纬度: -37.798389 经度: 144.978333
privateinternetaccess.typeform.com	IP: 104.18.23.9 所属国家: United States of America 地区: California 城市: San Francisco 纬度: 37.775700 经度: -122.395203
openvpn.net	IP: 253.157.14.165 所属国家: - 地区: - 城市: - 纬度: 0.000000 经度: 0.000000
bra.privateinternetaccess.com	IP: 173.244.217.42 所属国家: United States of America 地区: New York 城市: New York City 纬度: 40.714272 经度: -74.005966
www.piaproxy.net	IP: 128.242.240.180 所属国家: United States of America 地区: California 城市: Milpitas 纬度: 37.428268 经度: -121.906616
	IP: 103.42.176.244

www.privateinternetaccess.com	所属国家: Hong Kong 地区: Hong Kong 城市: Mong Kok 纬度: 22.321381 经度: 114.172600
paolorotolo.github.io	IP: 185.199.109.153 所属国家: United States of America 地区: Pennsylvania 城市: California 纬度: 40.065632 经度: -79.891708
www.amazon.com	IP: 99.86.223.67 所属国家: Japan 地区: Tokyo 城市: Tokyo 纬度: 35.689507 经度: 139.691696
www.slf4j.org	IP: 159.100.250.151 所属国家: Switzerland 地区: Vaud 城市: Lausanne 纬度: 46.515999 经度: 6.632820
mikepenz.com	IP: 172.67.141.197 所属国家: United States of America 地区: California 城市: San Francisco 纬度: 37.775700 经度: -122.395203
raw.githubusercontent.com	IP: 185.199.108.133 所属国家: United States of America 地区: Pennsylvania 城市: California 纬度: 40.065632 经度: -79.891708

URL线索

URL信息	Url所在文件
http://www.slf4j.org/codes.html	org/slf4j/LoggerFactory.java
http://www.slf4j.org/codes.html	org/slf4j/MDC.java
https://ktor.io/clients/http-client/engines.html	io/ktor/client/HttpClientJvmKt.java
https://github.com/mikepenz/FastAdapter/blob/develop/library-core/src/main/java/com/mikepenz/fastadapter/items/AbstractItem.java	com/mikepenz/fastadapter/listeners/OnBindViewViewHolderListenerImpl.java
http://www.amazon.com/gp/mas/get-appstore/android/ref=mas_mx_mba_iap_dl	com/amazon/device/iap/internal/a/a.java
https://www.amazon.com/appstore-error-help	com/amazon/a/a/i/g.java
http://www.amazon.com/gp/mas/get-appstore/android/ref=mas_mx_mba_iap_dl	com/amazon/a/a/i/a.java
https://www.privateinternetaccess.com/	com/privateinternetaccess/android/BuildConfig.java
https://www.privateinternetaccess.com	com/privateinternetaccess/android/utils/DedicatedIpUtils.java
https://www.piaproxy.net/	com/privateinternetaccess/android/pia/api/PiaApi.java
https://\$endpoint	com/privateinternetaccess/android/pia/api/Gen4PortForwardApi.java
https://www.privateinternetaccess.com/helpdesk/new-ticket/	com/privateinternetaccess/android/ui/loginpurchasing/LoginPurchaseActivity.java
https://www.privateinternetaccess.com/helpdesk/new-ticket	com/privateinternetaccess/android/ui/rating/Rating.java

https://www.privateinternetaccess.com/pages/privacy-policy/	com/privateinternetaccess/android/ui/features/WebviewActivity.java
https://www.privateinternetaccess.com/account/client-sign-in	com/privateinternetaccess/android/ui/features/WebviewActivity.java
https://privateinternetaccess.typeform.com/to/VnjpMDTk	com/privateinternetaccess/android/ui/features/WebviewActivity.java
https://www.privateinternetaccess.com/pages/terms-of-service/	com/privateinternetaccess/android/ui/features/WebviewActivity.java
https://www.privateinternetaccess.com	com/privateinternetaccess/android/ui/features/WebviewActivity.java
https://www.privateinternetaccess.com/helpdesk/	com/privateinternetaccess/android/ui/features/WebviewActivity.java
https://www.privateinternetaccess.com/pages/buy-vpn/	com/privateinternetaccess/android/ui/features/WebviewActivity.java
https://bra.privateinternetaccess.com/pages/buy-vpn/	com/privateinternetaccess/android/ui/features/WebviewActivity.java
https://www.privateinternetaccess.com/helpdesk/new-ticket/	com/privateinternetaccess/android/ui/features/WebviewActivity.java
https://www.privateinternetaccess.com/blog/wireguide-all-about-the-wireguard-vpn-protocol/	com/privateinternetaccess/android/ui/features/WebviewActivity.java
https://www.privateinternetaccess.com/helpdesk/kb/articles/removing-openvpn-handshake-and-authentication-settings/	com/privateinternetaccess/android/ui/features/WebviewActivity.java
https://www.privateinternetaccess.com/blog/wireguide-all-about-the-wireguard-vpn-protocol/	com/privateinternetaccess/android/ui/connection/CallingCardActivity.java
https://www.privateinternetaccess.com	com/privateinternetaccess/android/ui/connection/MainActivity.java
https://www.privateinternetaccess.com/helpdesk/	com/privateinternetaccess/android/ui/connection/MainActivity.java
https://www.privateinternetaccess.com/helpdesk/new-ticket/	com/privateinternetaccess/android/ui/connection/MainActivity.java
https://s3.amazonaws.com/privateinternetaccess/sources/android-v	com/privateinternetaccess/android/ui/drawer/settings/AboutActivity.java
https://www.privateinternetaccess.com	com/privateinternetaccess/android/ui/views/QuickSettingsView.java

https://www.privateinternetaccess.com/blog/wireguide-all-about-the-wireguard-vpn-protocol/	com/privateinternetaccess/android/ui/views/CallingCardView.java
https://www.privateinternetaccess.com/pages/buy-vpn/	Mogua Engine V1
http://www.bouncycastle.org	Mogua Engine V1
http://mikepenz.com/	Mogua Engine V1
https://github.com/mikepenz/Android-Iconics	Mogua Engine V1
http://paolorotolo.github.io/	Mogua Engine V1
https://github.com/PaoloRotolo/ApplIntro	Mogua Engine V1
https://github.com/mikepenz/FastAdapter	Mogua Engine V1
https://github.com/mikepenz/MaterialDrawer	Mogua Engine V1
https://github.com/mikepenz/Materialize	Mogua Engine V1
https://raw.githubusercontent.com/WireGuard/wireguard-android/master/README.md	Mogua Engine V1
https://bra.privateinternetaccess.com/pages/buy-vpn/	Mogua Engine V1
http://openvpn.net/howto.html	lib/x86/libopenvpn.so
http://%s	lib/x86/libopenvpn.so
http://%s	lib/x86/liboslspeedtest.so
http://openvpn.net/howto.html	lib/arm64-v8a/libopenvpn.so

http://%s	lib/arm64-v8a/libopenvpn.so
http://%s	lib/arm64-v8a/libosslspeedtest.so
http://openvpn.net/howto.html	lib/x86_64/libopenvpn.so
http://%s	lib/x86_64/libopenvpn.so
http://%s	lib/x86_64/libosslspeedtest.so
http://openvpn.net/howto.html	lib/armeabi-v7a/libopenvpn.so
http://%s	lib/armeabi-v7a/libopenvpn.so
http://%s	lib/armeabi-v7a/libosslspeedtest.so

邮箱线索

邮箱地址	所在文件
this@copy.slice	io/ktor/util/NIOkt.java
arne@rfc2549.org eay@cryptsoft.com sales@openvpn.net	Mogua Engine V1
sales@openvpn.net	lib/x86/libopenvpn.so
jason@zx2c4.comchacha2	lib/x86/libwg-go.so
sales@openvpn.net	lib/arm64-v8a/libopenvpn.so

jason@zx2c4.comchacha2	lib/arm64-v8a/libwg-go.so
sales@openvpn.net	lib/x86_64/libopenvpn.so
sales@openvpn.net	lib/armeabi-v7a/libopenvpn.so
jason@zx2c4.comchacha2	lib/armeabi-v7a/libwg-go.so

手机线索

手机号	所在文件
13300000359	Mogua Engine V2

签名证书

APK已签名

v1 签名: True

v2 签名: True

v3 签名: False

找到 1 个唯一证书

主题: C=Unknown, ST=Unknown, L=Unknown, O=Private Internet Access, OU=London Trust Media, Inc., CN=Andrew Lee

签名算法: rsassa_pkcs1v15

有效期自: 2011-11-11 01:12:49+00:00

有效期至: 2041-12-23 01:12:49+00:00

发行人: C=Unknown, ST=Unknown, L=Unknown, O=Private Internet Access, OU=London Trust Media, Inc., CN=Andrew Lee

序列号: 0x4ebc7691

哈希算法: sha1

md5值: 47ebfe41a9e1d3487e23f6d2fbc19531

sha1值: da9e77de77f5e7cd17eccd0b4f634ea3a40b33ac

sha256值: 8b6ae2b9b06f4d1817fd3f846f88e440dd431a3f46620bdd4a152b70fc9089a2

sha512值: 715ffcf92474a7fdc232cb618a942d4e1e7690f3936f446ce47dbc56133181ceb650ed3bdf1cbf42e6e9e0c2df4b6dfaa4def86f5fa704c5f8455a4044804fec

公钥算法: rsa

密钥长度: 1024

指纹: c66f335f8d0038d5c13fafa362c6eb685961ef7bc2df0a8c8f9c25ae3cbc047f

硬编码敏感信息

可能的敏感信息
"api_check_failure_title" : "Connection Failure"
"data_auth" : "Data authentication"
"library_AndroidIconics_author" : "Mike Penz"
"library_AndroidIconics_authorWebsite" : "http://mikepenz.com/"
"library_appintro_author" : "Paolo Rotolo"
"library_appintro_authorWebsite" : "http://paolorotolo.github.io/"
"library_fastadapter_author" : "Mike Penz"
"library_fastadapter_authorWebsite" : "http://mikepenz.com/"
"library_materialdrawer_author" : "Mike Penz"
"library_materialdrawer_authorWebsite" : "http://mikepenz.com/"
"library_materialize_author" : "Mike Penz"
"library_materialize_authorWebsite" : "http://mikepenz.com/"
"missing_ca_certificate" : "Missing CA certificate"

"no_username_or_password" : "You must enter a username and password"

"no_username_or_password" : "You must enter a username and password"
"password" : "Password"
"pkcs12_file_encryption_key" : "PKCS12 File Encryption Key"
"private_key_password" : "Private Key Password"
"quick_settings_private_browser" : "Private Browser"
"session_ipv4string" : "%1\$s"
"session_ipv6string" : "%1\$s"
"state_auth" : "Authenticating"
"state_auth_failed" : "Authentication failed"
"trial_remember_password" : "Remember your password? <emph>Log in</emph>"
"api_check_failure_title" : "Forbindelsesfejl"
"data_auth" : "Autentificering af data"
"no_username_or_password" : "Du skal indtaste et brugernavn og et kodeord"
"quick_settings_private_browser" : "Privat browser"
"state_auth" : "Bekræfter"
"state_auth_failed" : "Autentifikation mislykkes"
"trial_remember_password" : "Kan du huske din adgangskode? <emph>Log ind</emph>"
"api_check_failure_title" : "接続失敗"

"data_auth" : "データ認証"
"no_username_or_password" : "ユーザー名とパスワードを入力してください"
"quick_settings_private_browser" : "プライベートブラウザ"
"state_auth" : "認証中"
"state_auth_failed" : "認証に失敗しました"
"trial_remember_password" : "パスワードは覚えていますか? <emph>ログイン</emph>"
"api_check_failure_title" : "Feil med tilkobling"
"data_auth" : "Dataverifisering"
"no_username_or_password" : "Du må oppgi et brukernavn og passord"
"quick_settings_private_browser" : "Privat nettleser"
"state_auth" : "Autentisering"
"state_auth_failed" : "Autentisering mislyktes"
"trial_remember_password" : "Husker du passordet ditt? <emph>Logg inn</emph>"
"api_check_failure_title" : "Verbindungsfehler"
"data_auth" : "Datenauthentifizierung"
"no_username_or_password" : "Du musst einen Benutzernamen und ein Passwort angeben"
"quick_settings_private_browser" : "Privater Browser"
"state_auth" : "Authentifizierung"

"state_auth_failed" : "Authentifizierung fehlgeschlagen"
"trial_remember_password" : "Kennwort noch bekannt? <emph>Anmelden</emph>"
"api_check_failure_title" : "ความล้มเหลวในการเชื่อมต่อ"
"data_auth" : "การยืนยันข้อมูล"
"no_username_or_password" : "คุณต้องกรอกชื่อผู้ใช้และรหัสผ่าน"
"quick_settings_private_browser" : "เบราว์เซอร์ส่วนตัว"
"state_auth" : "กำลังยืนยัน"
"state_auth_failed" : "ยืนยันไม่สำเร็จ"
"trial_remember_password" : "จำรหัสผ่านได้ใช่ไหม <emph>เข้าสู่ระบบ</emph>"
"api_check_failure_title" : "Verbindingsfout"
"data_auth" : "Gegevensauthenticatie"
"no_username_or_password" : "U moet een gebruikersnaam en wachtwoord invoeren"
"quick_settings_private_browser" : "Privébrowser"
"state_auth" : "Authenticatie"
"state_auth_failed" : "Authenticatie mislukt"
"trial_remember_password" : "Uw wachtwoord vergeten? <emph>Inloggen</emph>"
"api_check_failure_title" : "Błąd połączenia"

"data_auth" : "Uwierzytelnianie danych"
"no_username_or_password" : "Musisz podać nazwę użytkownika i hasło"
"quick_settings_private_browser" : "Prywatna przeglądarka"
"state_auth" : "Uwierzytelnianie"
"state_auth_failed" : "Uwierzytelnianie nie powiodło się"
"trial_remember_password" : "Pamiętasz swoje hasło? <emph>Zaloguj się</emph>"
"api_check_failure_title" : "연결 실패"
"data_auth" : "데이트 인증"
"no_username_or_password" : "사용자 이름 및 비밀번호를 입력하셔야 합니다."
"quick_settings_private_browser" : "개인 브라우저"
"state_auth" : "인증하는 중"
"state_auth_failed" : "인증 실패"
"trial_remember_password" : "비밀번호를 기억하세요? <emph>로그인</emph>"
"api_check_failure_title" : "فشل الاتصال"
"data_auth" : "مصادقة البيانات"
"no_username_or_password" : "يجب إدخال اسم المستخدم وكلمة المرور"
"quick_settings_private_browser" : "المتصفح الخاص"
"state_auth" : "جار المصادقة"

"state_auth_failed" : "تعذرت المصادقة"
"trial_remember_password" : "هل تذكر كلمة مرورك؟ <emph>سجل الدخول</emph>"
"api_check_failure_title" : "Échec de la connexion"
"data_auth" : "Authentification des données"
"no_username_or_password" : "Vous devez saisir un nom d'utilisateur et un mot de passe."
"quick_settings_private_browser" : "Navigateur privé"
"state_auth" : "Authentification"
"state_auth_failed" : "Échec de l'authentification"
"trial_remember_password" : "Vous vous souvenez de votre mot de passe ? <emph>Connectez-vous</emph>"
"api_check_failure_title" : "Bağlantı Hatası"
"data_auth" : "Veri doğrulama"
"no_username_or_password" : "Bir kullanıcı adı ile şifre girmelisiniz"
"quick_settings_private_browser" : "Özel Tarayıcı"
"state_auth" : "Doğrulaniyor"
"state_auth_failed" : "Doğrulama başarısız"
"trial_remember_password" : "Parolanızı hatırlıyor musunuz? <emph>Oturum açın</emph>"
"api_check_failure_title" : "Errore di connessione"

"data_auth" : "Autenticazione dati"
"no_username_or_password" : "Devi inserire nome utente e password"
"quick_settings_private_browser" : "Browser privato"
"state_auth" : "Autenticazione"
"state_auth_failed" : "Autenticazione non riuscita"
"trial_remember_password" : "Ricordi la tua password? <emph>Accedi</emph>"
"api_check_failure_title" : "Ошибка подключения"
"data_auth" : "Аутентификация данных"
"no_username_or_password" : "Необходимо ввести действительное имя пользователя и пароль"
"quick_settings_private_browser" : "Приватный браузер"
"state_auth" : "Аутентификация"
"state_auth_failed" : "Аутентификация не пройдена"
"trial_remember_password" : "Помните свой пароль? <emph>Тогда входите</emph>"
"api_check_failure_title" : "连接失败"
"data_auth" : "数据认证"
"no_username_or_password" : "您必须输入用户名和密码"
"quick_settings_private_browser" : "专用浏览器"
"state_auth" : "正在认证"

"state_auth_failed" : "验证失败"

"trial_remember_password" : "记得密码? <emph>登录</emph>"

"api_check_failure_title" : "Falha na conexão"

"data_auth" : "Autenticação de dados"

"no_username_or_password" : "Você deve inserir um nome de usuário e senha"

"quick_settings_private_browser" : "Navegador Privado"

"state_auth" : "Autenticando"

"state_auth_failed" : "A autenticação falhou"

"trial_remember_password" : "Lembrar sua senha? <emph>Entrar</emph>"

"api_check_failure_title" : "連線失敗"

"data_auth" : "資料驗證"

"no_username_or_password" : "您必須輸入使用者名稱及密碼"

"quick_settings_private_browser" : "私人瀏覽器"

"state_auth" : "驗證中"

"state_auth_failed" : "驗證失敗"

"trial_remember_password" : "記得您的密碼嗎? <emph>請登入</emph>"

"api_check_failure_title" : "Falla en la conexión"

"data_auth" : "Autenticación de datos"
"no_username_or_password" : "Debes ingresar un nombre de usuario y una contraseña"
"quick_settings_private_browser" : "Navegador privado"
"state_auth" : "Autenticando"
"state_auth_failed" : "Falló la autenticación"
"trial_remember_password" : "¿Recuerdas tu contraseña? <emph>Inicia sesión</emph>"

加壳分析

加壳类型	所属文件
登陆摸瓜网站后查看	

第三方插件

名称	分类	URL链接
登陆摸瓜网站后查看		

此APP的危险动作

	是否	

向手机申请的权限	危险	类型	详细情况
android.permission.INTERNET	正常	互联网接入	允许应用程序创建网络套接字
android.permission.RECEIVE_BOOT_COMPLETED	正常	开机时自动启动	允许应用程序在系统完成启动后立即启动。这可能会使启动手机需要更长的时间,并允许应用程序通过始终运行来减慢整个手机的速度
android.permission.ACCESS_WIFI_STATE	正常	查看Wi-Fi状态	允许应用程序查看有关 Wi-Fi 状态的信息
android.permission.CHANGE_WIFI_STATE	正常	更改Wi-Fi状态	允许应用程序连接和断开 Wi-Fi 接入点,并对配置的 Wi-Fi 网络进行更改
com.android.vending.BILLING	未知	Unknown permission	Unknown permission from android reference
android.permission.ACCESS_COARSE_LOCATION	危险	粗定位	访问粗略位置源,例如移动网络数据库,以确定大概的电话位置 (如果可用)。恶意应用程序可以使用它来确定您的大致位置
android.permission.ACCESS_FINE_LOCATION	危险	精细定位 (GPS)	访问精细位置源,例如手机上的全球定位系统,如果可用。恶意应用程序可以使用它来确定您的位置,并可能消耗额外的电池电量
android.permission.ACCESS_BACKGROUND_LOCATION	危险	后台访问位置	允许应用程序在后台访问位置
android.permission.FOREGROUND_SERVICE	正常		允许常规应用程序使用 Service.startForeground。
android.permission.VIBRATE	正常	可控震源	允许应用程序控制振动器
android.permission.ACCESS_NETWORK_STATE	正常	查看网络状态	允许应用程序查看所有网络的状态

应用内通信

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活动(ACTIVITY)	通信(INTENT)
com.privateinternetaccess.android.ui.LauncherActivity	Schemes: piavpn://, privateinternetaccess://,

报告由 [摸瓜APK反编译平台](#) 自动生成，并非包含所有检测结果，有疑问请联系管理员。