



National Cyber
Security Centre

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Australian Government
Australian Signals Directorate

ASD AUSTRALIAN
SIGNALS
DIRECTORATE
ACSC Australian
Cyber Security
Centre



Bundesamt für
Verfassungsschutz



Communications
Security Establishment

Canadian Centre
for Cyber Security

Centre de la sécurité
des télécommunications

Centre canadien
pour la cybersécurité



National Cyber
Security Centre



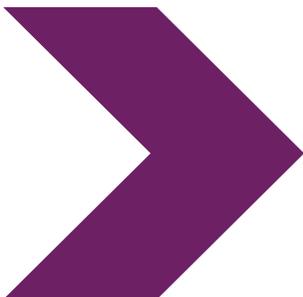
PART OF
THE GCSB



Faufautua

BADBAZAAR ma MOONSHINE:

**Polokalame e mafai ona faaliliu ese
mai ai faila ua tulituliloaina tagata
Uyghur, Taiwanese ma kulupu
Tibetan ma tagata e faatinoina
sosaiete savili**



Aperila 9 2025

BADBAZAAR ma MOONSHINE: Polokalame e mafai ona faaliliu ese mai ai faila ua tulituliloaina tagata Uyghur, Taiwanese ma kulupu Tibetan ma tagata e faatinoina sosaiete savili

O le NCSC ma pa'aga na faasalalauina faamatalaga fou ma auala e faaitiitia ai le leaga tele mo i latou e maualuga le lamatia mai polokalame faaleaga mea e lua ituaiga eseese.

Aotelega

Faatasi ai ma lagolagosua mai le UK [Cyber League](#), o lenei faufautua na tuufaatasia le fausaga e le National Cyber Security Centre (NCSC UK) ma pa'aga faava-o-malo:

- **O le Australian Cyber Security Centre, vaega o le Australian Signals Directorate**
- **O le Canadian Centre mo Cyber Security, vaega o le Communications Security Establishment**
- **O le German Federal Intelligence Service**
- **O le German Federal Office mo le Protection of the Constitution**
- **O le New Zealand National Cyber Security Centre, vaega o le Government Communications Security Bureau**
- **O le United States Federal Bureau of Investigation**
- **O le United States National Security Agency**

O lona faamoemoe ina ia faatulai le iloa e uiga i le faatupulaia o faamata'u faapea o tagata e faatinoina tulaga matu'ia i luga o initaneti e faia agai i tagata taitoatasi e fesootai i mataupu e aofia ai Taiwan, Tibet, Xinjiang Uyghur Autonomous Region, gaoiga faatemokarasi ma Falun Gong.

O lenei faufautua e aofia ai suesuega o mataupu e lua faamatala auiliiliina tekonoosi na fa'aaoga e tagata e faatinoina gaoi matu'ia i luga o komipiuta e fa'aaoga ai polokalame e kopi ese mai ai faila ua ta'ua o le BADBAZAAR ma le MOONSHINE ina ia taulai i faamaumauga i luga o telefoni feaveai e aofia ai

smartphones faapea e mafai ona fiefia i ai setete o Saina. E faapea foi ona faailoilo i taiala e fesoasoani ai i tagata taitoatasi ina ia puipuia i latou lava ia, a latou masini ma a latou faamaumauga.

Galulue faatasi ma lenei faufautua, o le NCSC na faasalalauina le [faamatalaga auiliili atoa faatekonolosi faatasi ai ma taiala e ese mai ai](#).

O ai o loo lamatia?

O faalapotopotoga e faavaeina polokalame ma pa'aga faapisinisi na maitauina BADBAZAAR ma MOONSHINE na faapitoa le taula'i i tagata taitoatasi e fesootai i mataupu o loo vaavaai i ai setete o Saina ina ia faapea o se faamata'u i le latou pulega faalotoifale, naunau ina ia faamanuiaina ma le manatu i le lalolagi. O i latou e sili atu le lamatia e aofia ai, ae le gata ai, soo se tasi e fesootai i:

- › **Malo tutoatasi a tagata Taiwan**
- › **Aia tatau a tagata Tibet**
- › **Uyghur Muslims ma isi ituaiga tagatanuu laiti i totonu pe mai China's Xinjiang Uyghur Autonomous Region**
- › **tulai e tautala mo temokalasi (e aofia ai Hong Kong)**
- › **le gaioiga faaleagaga a Falun Gong**

O lea e aofia ai faalapotopotoga e le o i le malo (NGOs), le au tusitala, o pisinisi ma tagata taitoatasi faapea e tulai e tautala mo, e iloa ai, po o i se isi itu e faalauiloa kulupu nei. O le auala e fai ai e aunoa ma le fa'aeteete o lenei polokalame komipiuta e salalau i luga o initaneti e uiga foi faapea o loo i ai se lamatia faapea o se faamai e mafai ona sosolo i tua atu o tagata ua faamoemoe ina ia afaina.

O lenei faufautua e tula'i ina ia fesoasoani ia i latou o loo lamatia ia tali atu ma le aogā i faamata'u faapitoa mai polokalame komipiuta faaleaga mea a le BADBAZAAR ma le MOONSHINE. Na fautuaina auala e faaitiitia ai le leaga tele e fautuaina faufautua ia faalautele le malu puipuia i luga o komipiuta ma e le tatau ona faapea ua vaavaai i ai e na o ia e toatasi.

E ala i le mulimulitaia o nei taiala na tuuina mai i lenei fautuaga, e mafai e tagata e fa'aaogaina ona faaitiitia le lamatia i faamai o a latou masini faataitai ma faamaumauga.

O le faamata'u

MOONSHINE ma le BADBAZAAR o faataitaiga o polokalame faalilolilo; e i ai a latou gaioiga matu'ia le leaga e faalafi i totonu faapea o se gaioiga a se app faapea e mafai ona lolomi ai i totonu mai faleoloa o apps po o luga o initaneti i auunaga e faaso faaila.

O nei apps o loo ua fafauina ina ia faasee ai se tagata e fa'aaogaina ina ia lolomi i totonu ma faapipii i latou i luga o se masini. O le taimi lava ua faapipii ai i totonu se app, na te fa'aaogaina mea vaivai o i luga o se masini ina ia faatino ai gaioiga e lē faatagaina, pe atonu e faamoemoe i se tagata e fa'aaogaina ia faamatuu atu se faataga o se app ina ia maua ai ma lolomi ai i totonu faamatalaga mai le masini, e aofia ai:

- **nofoaga o i ai faamaumauga e aofia ai le tulituliloaina o taimi moni**
- **maua auala i microphone ma mea pu'e ata**
- **fe'au, ata ma isi faila na teuina i luga o le masini**
- **faamatalaga o le masini ma isi mea**

Ona fa'aaoga lea e tagata o fa'aaogaina polokalame komipiuta e faaleaga ai le fiafia moni o kulupu o loo lamatia, ina ia faailoa ma faapisia ia tele ni aafiaga i le tele e mafai ai, ma maua ai auala i a latou faamaumauga. E tasi se auala latou te faia ai le mea leni e ala i le fafauina o ni apps latou te iloa o le a fiafia i ai a latou tagata ua afaina, e pei o apps faapea e lagolagoina le latou gagana faaleatunuu, po o le i ai o faamatalaga i totonu e faapitoa i nofoaga e pei o pitonuu o Tibet i China po o Xinjiang.

O suesuega o mataupu i leni fautuaga e tuuina atu ai ni nai faataitaiga o le mea leni, e aofia ai le TibetOne ma apps Uyghur Quran.

O i latou e faatinoina e malosi i faatalanoaga i luga o initaneti e faapea o loo i ai se nofoaga o tagata e fa'aaogaina o a latou tagata e faamoemoe ia afaina, faapea e tele ai le avanoa ina ia faapisia ai a latou tagata ua afaina. Na latou maitauina ma le faamoemoe i le faasoaina o polokalame e faaleaga ai e faatatau i Tibet ma auala o uaealesi ma faatalanoaga ma le Reddit. O suesuega o mataupu i leni faufautua e tuuina atu ai foi faataitaiga o nei metotia.

O apps e matu'ia le leaga e masani ona faaso faapea o faila na o i latou, e pei o faila APK i luga o le Android, faapea o i latou e fa'aaogaina e manaomia ina ia lolomi i totonu ma faapipii. O i latou e faatinoina e taumafai ina ia faia a latou

polokalame komipiuta ia foliga e sili atu le moni e ala i le lolomi ane i totonu i se faleoloa faatau apps aloaia e pei o le Google Play Store ma le Apple App Store pe ala i le fa'aopopoina o igoa faalilolilo i apps ua uma ona faavaivai, e ui o ofisa aloaia e i ai foliga puipuia ma faasologa o siaki faapea e lē manuia ai lea faiga. O le mea lea e sili atu ai le malu puipuia o faleoloa aloaia, ae e pei ona faatiinoina atu i suesuega o mataupu ma le NCSC's [App Store Threat Report](#), o nei faagasologa e le sa'o tonu.

Mo nisi auiliiliga o fautua, tagai ane i le vaega e faaititia ai le leaga tele.



Four tips to stay safe when using your smartphone

Reduce the risk from malicious apps with good cyber hygiene, then follow these four principles:

Stay Mainstream >

Don't root or jailbreak devices, only use trusted app stores.



Stay Organised >

Review installed apps and permissions regularly.



Stay in Touch >

Report suspicious messages and files to online services.



Stay Alert >

Stay vigilant on social media and check shared files and links.



Suesuega o mataupu

O suesuega o matupu nei e lua o loo manino ai pe faapefea ona fai galuega a le MOONSHINE ma le BADBAZAAR, ma auala o loo taulai atu ai le au faaleaga mea e osofai i latou e sili atu le lamatia.

Suesuega o le mataupu muamua: MOONSHINE

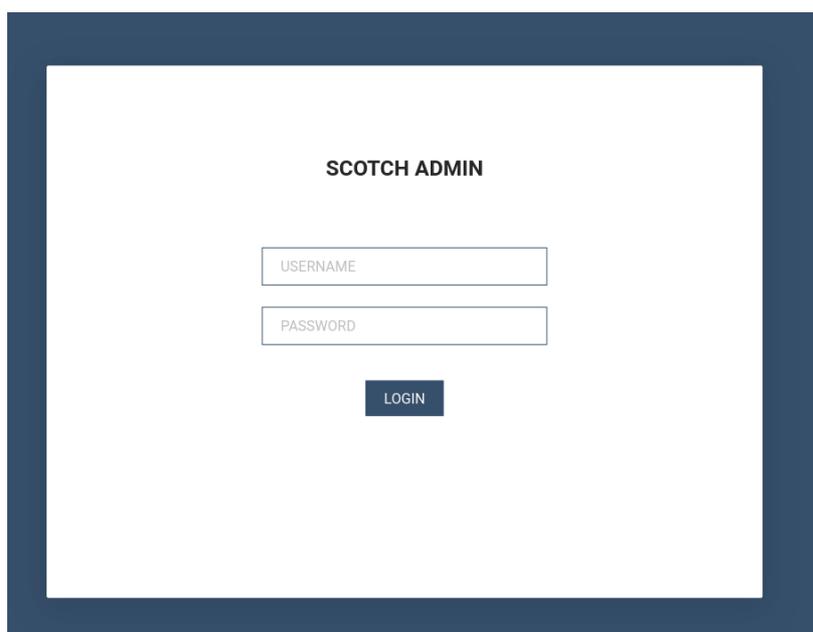
O le MOONSHINE o se polokalame komipiuta Android na lipotia i le 2019 e [Citizen Lab](#) faapea na tulitulia kulupu mai Tibet. E fealuai le MOONSHINE e pei o se app moni ina ia faasesē mai ai i latou ua afaina ina ia faapipi'iina. Sa faasoaina e ala i auala o Uaealesi ma links na lafo i le WhatsApp.

O le MOONSHINE e mafai tele ona maitauina faananā, e pei o:

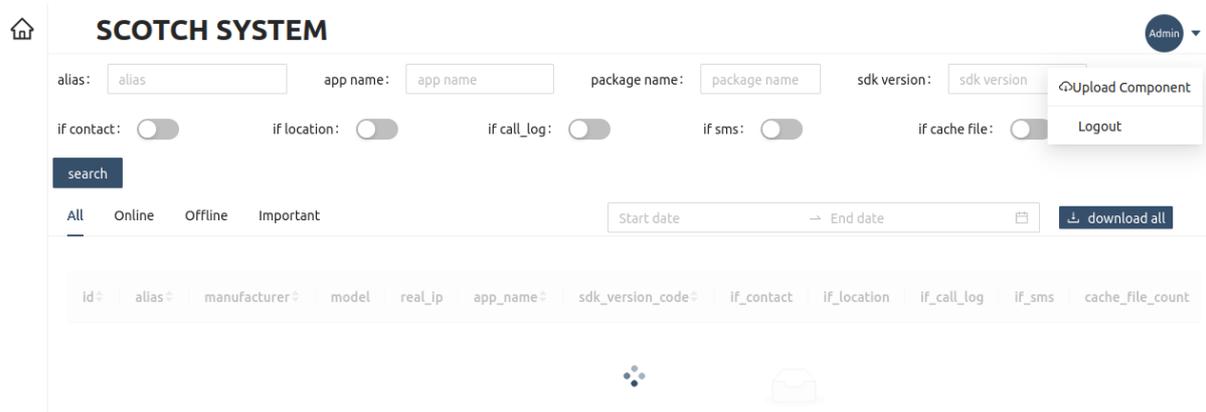
- **nofoaga o i ai faamaumauga e aofia ai le tulituliloaina o taimi moni**
- **pu'eina a o faatino ma pu'eina ata**
- **lolomi i totonu faila mai masini**
- **toe mauaina mai o faamatalaga mai se masini**
- **ki mea na pu'eina i luga o le masini**

O le talosaga 'ئاۋازلىق قۇرئان.apk', e faaliliuina faapea o se '**Audio Quran.apk**', o se faataitaiga o auala e fa'aaoga e le MOONSHINE ina ia tulituliloaina ai Uyghurs. O le fa'aaogaina o le gagana Uyghur i le igoa o le faila, e iloa ai o se talosaga Quran, sa fafauina ina ia fialia i ai Uyghur Muslims.

O le taimi lava e faapipii ai i totonu, e mafai e i latou e faatinoaina gaoi matu'ia i luga o initaneti ona aoina mai faamatalaga mai masini a i latou ua afaina. O lenei faamatalaga e maua mai e ala i le kava o le 'SCOTCH ADMIN'.



O le taimi lava e saina ai i totonu, e mafai e i latou o faatinoina ona maua itulau e pei ona faailoa i le screenshot o i lalo. O lenei itulau e faalauiloa ai faamatalaga o masini ua afaina i vaiirusi ma le tulaga o le mauaina e le tagata o loo faatinoina ina ia faapa'aga ai masini:



O le puleaga a polokalame e aafia ai komipiuta ua fa'aali mai faamaumauga na aoina mai, e aafia ai:

- > **tulaga o le mauaina o masini**
- > **feau SMS**
- > **faasologa o telefoni na vala'au**
- > **nofoaga o faamaumauga**
- > **faamatalaga o le masini**

I le galulue faatasi ai o le Cyber League, le NCSC na fausia falefaigaluega [na lipotia mai e Trend Micro](#) ina ia sailia mea e sili atu i isi itu i le va o le tamai masini faaleaga mea a le MOONSHINE ma kava e saina ai i totonu o loo i ai le 'UPSEC' i ulutala o le HTML. O faamatalaga atoa o loo i le faufautua faatekonolosi o loo faapipii atu ai.

E faatatau i le [Intelligence Online](#), UPSEC o se tagata e tu ogatotonu i le 'Sichuan Dianke Network Security Technology Co. Ltd'. O faalapotopotoga e fausia ma tuuina atu e lei faamaoniaina lenei faamatalaga.

Mataupu suesue lona lua: BADBAZAAR

BADBAZAAR o se polokalame faaleaga telefoni iOS ma le Android i mea eseese e lua faapea na tulimataia Uyghurs, Tibetans ma tagata taitoatasi o Taiwan. O lenei polokalame faaleaga komipiuta sa faasalalau e ala i fata faatau o faasalalauga ma faleoloa aloaia o apps.

Na fa'aaogaina e BADBAZAAR ina ia tulituliloaina Tibetans e ala i le app '**TibetOne**', e pei ona lipotia e le [Lookout](#) ma [Volexity](#). **TibetOne** o se app iOS na faavaeina e ala ia i latou e faatinoina faiga leaga, faatasi ai ma le mafai ona maua mai faamatalaga o masini ma nofoaga o faamaumauga. Na uploaded i le Apple App Store ia Tesema 2021 ae lē o toe maua. Ina ia faasalalauina atu te isi le polokalame e leaga ai komipiuta, o i latou e faatinoina ua faasalalauina se app i se auala o Uaealesi ua ta'ua o le '**tibetanphone**'.

Ina ia fa'aopopo i ai le moni i le app, o i latou e faatinoina ua faavaeina foi se upega tafailagi ua ta'ua o le **'tibetone[.]org'**, faapea e faamatalaina o ia lava e pei o le *'bring[ing] mau'oa ma maualuga le lelei o galuega i tagata e alolofa i le aganuu a Tibet ma faia le faitauina o se auala fou o le olaga'*.

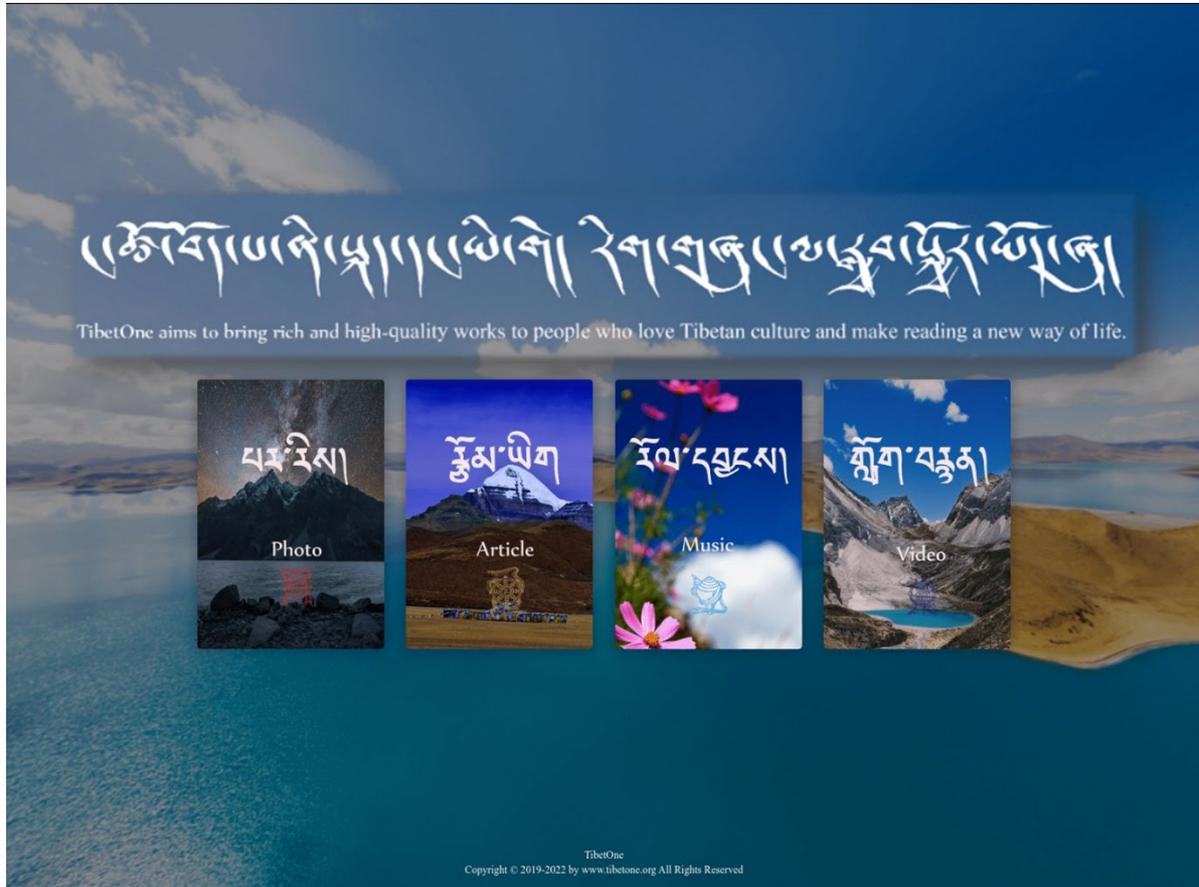


Figure 3: Itulau autū a 'tibetone[.]org'.

O lenei ata sa teuteuina ina ia manino lelei ai vaega talafeagai.

O lenei upega tafailagi e i ai se itulau mo tusitusiga faapea e faataga ai i latou e fa'aaogaina ina ia tuuina i ai ni manatu fa'aalia. O se manatu na tuuina mai e le tuatusi imeli **'choekyi.wangmo@ignitetibet.net'**, o loo talitonuina o loo pulea faatonutonu mai e ala ia i latou e faatinoina ma tau faasesē faapea ai o **'Choekyi Wangmo'** e faapea o le Nofoaga Tutotonu o Aia Tatau Faaletagata ma Temokarasi ua lisiina faapea o le tagata sa tete'e ia Tibet. O le mea lenei e foliga mai o se isi taumafaiga ina ia tuuina atu ai le manatu faapea o le app e moni lava e tulai mo le Tutoatasi o tagata Tibet.

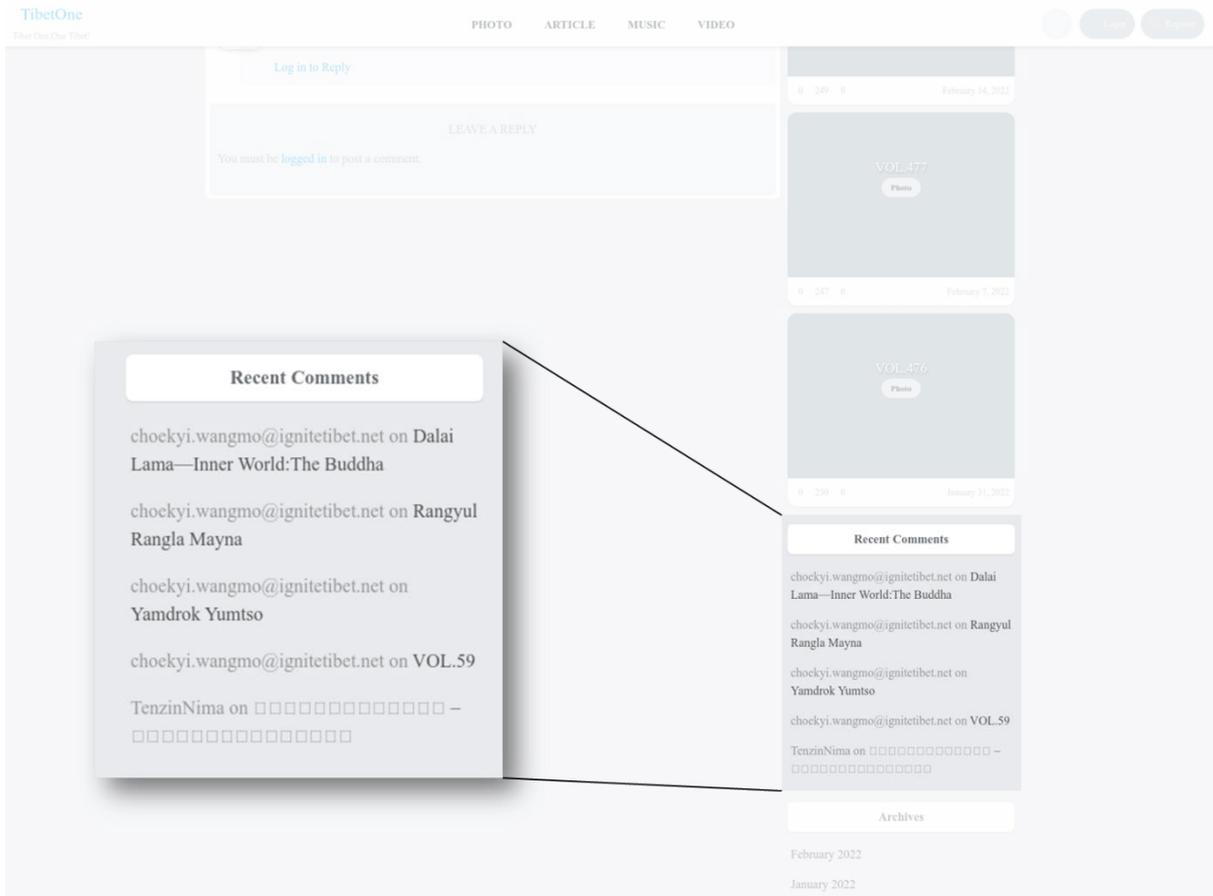


Figure 4: 'tibetone[.]org' itulau o loo iloa manatu fa'aalia mai tagata fa'aaoga ua talitonu ua pule faatonutonu mai e ala i tagata e faatinoina mea leaga matu'ia.

O lenei ata sa teuteuina ina ia manino lelei ai vaega talafeagai.

'**TenzinNima**' o se isi igoa fa'aaoga faapea na fa'aopopo i ai manatu fa'aalia i luga o lenei upega tafailagi. [Na lipotia e Volexity](#) faapea o le igoa fa'aaoga lenei o loo faapea foi ona fa'aaoga i luga o le Reddit ina ia faasslalau ai le auala o le Uaealesi '**Tibetanmaptalk**'. E aofia ai se link ina ia download ai se faataitaiga o le '**AlpineQuest**', o se app fuafua ma tuusa'o o loo maua i luga o masini Android. O le link e download ai o loo tuuina atu mo se tagata lona tolu o auaunaga e faasoa faila e ta'ua o le Mega.

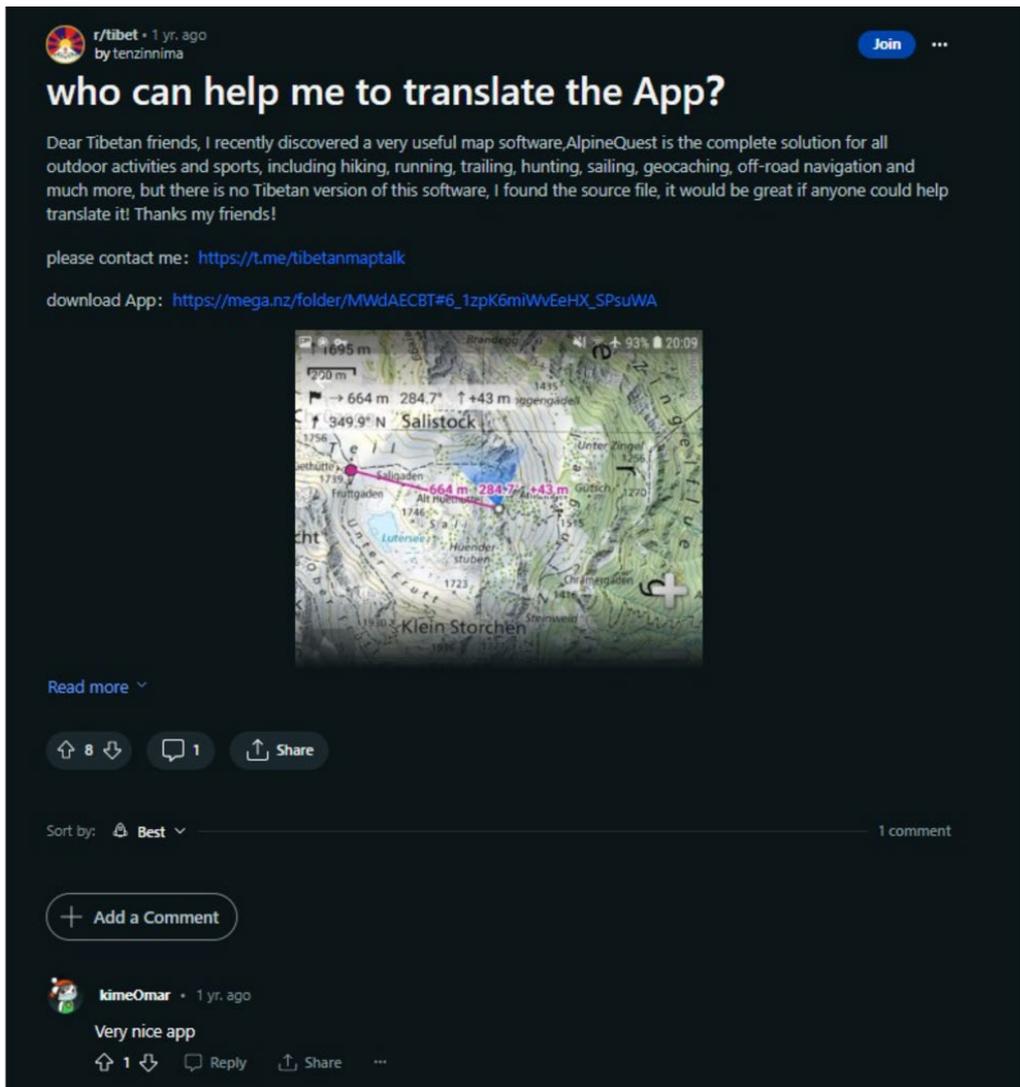


Figure 5: Na tuuina i luga e le Reddit faasalalauga o talosaga matu'ia le leaga e ala i se account ua talitonuina faapea o se isi o faatinoina mea leaga matu'ia o loo pule faatonutonu mai.

Na maitauina foi e Volexity faapea o se isi o fa'aaogaina e iloa faapea o 'KimeOmar' e faapea na komeni i luga o le post na maitauina o faasoaa apps e matu'ia le leaga i luga o se isi faatalanoaga a se vaega laitiiti a le Reddit. O lea e mafai ona iloa ai faapea o i latou e faatinoina mea leaga latou te fa'aaogaina faafoliga e tele o ala o faasalalauga ina ia faia ai a latou posts e foliga mai e moni.

Suesuega

BADBAZAAR ma MOONSHINE e fa'aaoga nai metotia faainisia lautele ina ia taulai faapitoa ai komiuniti Uyghur, Tibetan ma Taiwanese, faaigoaina:

- o le polokalame taufaasesē o apps e fia iloa e komiuniti nei, e pei o gagana Uyghur ma le app Quran, e toetiiti a mautinoa na faasoaina e fua e taulai i tagata ua afaina
- o le fa'aopopoga o polokalame taufaasesē o apps nei i faleoloa aloaia o app e maualuga atonu na tuuina atu se lagona o le mea moni, ma le faasoa i faatalanoaga i kulupu e maualuga e ono faamoemoe ina ia faaleaga ai mafutaga faatuatuaina i totonu o nei komiuniti

BADBAZAAR ma le MOONSHINE e aoina faamaumauga faapea e faia toetiiti lava mautinoa faapea o le tau o le setete Chinese. E ui o le BADBAZAAR ma le MOONSHINE na [maitauina](#) o tulituliloaina tagata taitoatasi Uyghur, Tibetan ma Taiwanese, o loo i ai [isi](#) polokalame faapea e tuliloaina isi kulupu laiti i totonu o China. O tagata sitiseni mai atunuu o loo faamauina pepa o faamatalaga, i totonu o China ma tua atu, faapea o loo talitonu ina ia lagolagoina mafua'aga faapea e faamata'u ai le mautu o le puleaga, toetiiti a mautinoa o i lalo o faamata'u mai polokalame o telefoni feaveai e pei o BADBAZAAR ma le MOONSHINE. O le mafai ona ia maua mai nofoaga, ata, ma faamaumauga pu'e leo e mafai ona tu'uina mai le avanoa i le maitauina ma gaiouga faasoesā i le lumanai, i le tuuina atu o faamatalaga sa'o i le taimi o gaiouga taula'i.

Auala e Faaitiitia ai mo i latou e fa'aaogaina app o telefoni feaveai

O le faalapotopotoga e fausia ma gaosia e faamalosia faataitaiga o puipuiga nei ina ia puipuia ai e faasaga atu i faamata'u o loo faamatalaina atu i suesuega o mataupu. O nei fautuaga o loo faamaumauina i faataitaiga sili atu o taiala a le NCSC. Tagai ane i le vaega o 'faitauga fa'aopopo' mo links ina ia sili atu ai taiala i faataitaiga mo i latou e faitauina i totonu o Ausetalia ma le Iunaite Setete.

Ia tausisia le malupuipua o lau masini

- > **Ia download na o apps mai faleoloa faatau apps aloaia, e pei o le Google's Play Store po o le Apple's App Store.** [Google's Play Store](https://www.ncsc.gov.uk/files/Threat-report-on-application-stores-web-v2.pdf) ma le Apple's [App Store](#) e faia scan o polokalame komipiuta ae lei maua, tuuina atu ai ia te oe ia mautinoa atili faapea po o ā mea ua download o loo malupuipua . O Apps mai faleoloa faatuatuaina atonu e tauaveina lava le lamatia, ae peitai o downloads mai isi alaga'oa atonu e matuā leai lava se puipuiga o i ai. O le NCSC sa i ai se lipoti o faamata'u i luga o faleoloa apps:
<https://www.ncsc.gov.uk/files/Threat-report-on-application-stores-web-v2.pdf>
- > **Ia tausisia le faafouina o au masini ma apps.** Faapipii i totonu faafouga i au apps ma polokalame o masini i le taimi vave lava e maua ai. Fa'aola 'automatic updates' i le fa'atulagana o lau masini pe a avanoa, ina ia 'aua ne'i mana'omia ona manatua e fai. Tagai ane i le taiala a le NCSC e uiga i le tausisia o puipuiga i luga o initaneti, ina ia puipuia ai mai vairusi e lē mailoa ma isi ituaiga o polokalame faaleaga mea. Toaga e faafou ia aofia ai mea e faalelei ai ma ni suiga fou:
<https://www.ncsc.gov.uk/collection/top-tips-for-staying-secure-online/install-the-latest-software-and-app-updates>

- > **'Aua le 'jailbreak' pe 'root' lau masini** faapea o le mea lea fa'aaoga ai mea vaivai e lei faapipiia ina ia sili atu le puipuiga ina ia leiloa ai puipuiga pulea ua faataatia. O lea e oo ai ina leaga gofie lau masini i osofaiga. Tagai ane i taiala a le NCSC: Tagai ane i taiala a le NCSC:
<https://www.ncsc.gov.uk/files/Threat-report-on-application-stores-web-v2.pdf>

Pulea au apps

- > **Iloilo au apps ma o latou faatagana.** Afai ua e lē toe manaomia se app, titina ese. I mea e te mafai ai, faasa le faatagaina o le app ina ia faaitiitia ai le faailoa atu o faamaumauga, ona o polokalame faaleaga mea e masani ona fausia ina ia mauaina mai faila puipuia po o masini laiti e fesootai ai, e pei o mea pu'e ata ma microphones.
 - o Pe faapefea ona siaki faatagana o app mo i latopu e fa'aaogaina le Apple :
<https://support.apple.com/en-gb/guide/iphone/iph251e92810/ios>
 - o Pe faapefea ona siaki faatagana o app mo i latou e fa'aaogaina le Android:
<https://support.google.com/android/answer/9431959?hl=en-GB>
- > **Otomeki ona lafo apps e lē mailoa i le Google.** Afai o oe o se tagata e fa'aaogaina le Android ma ua e downloaded se app faapea e lē mai le Google's Play Store, e mafai ona e lafoina i le Google e ala i le mafai 'Improve harmful app detection' i le faatulagana o Google's Play Store i lalo o le 'Play Protect'. O lea o le a scan ai le app mo le faailoaina o polokalame faaleaga mea e fesoasoani ai i le puipuia o tagata e fa'aaogaina. Faamatalaga pe faapefea ona faatulaga leni mea:
<https://support.google.com/android/answer/2812853?hl=en-GB>

Fa'aaoga auaunaga i luga o le initaneti

- **Fa'aaoga auaunaga URL lelei ae lei kiliki i luga o se link.** E mafai ona e siakiina pe afai o se link e mai se imeli, feau text po o se isi mea e saogalemu e ala i le scan muamua i le fa'aaogaina ai o auaunaga e pei o [Google Lipoti e iloa](#) atu i le isi itu po o le [Virus Total](#). E mafai foi ona e upload faila masalomia ma apps i se polokalame e siaki ai, e pei o Virus Total faapea e mafai ona vave iloa atu pe afai e masalomia se faila. Ia mataala faapea o auaunaga scan e mafai ona gaosia ai mea e lē moni.
- **Lesitala i le polokalame o le Google Advanced Protection.** O se auaunaga e lē totogia lenei ua fafauina ina ia malu puipuia ai taitoatasi faapea e fa'aaogaina auaunaga a le Google (Gmail, Play Store, ma isi) faapea o loo lamatia i le taulai atu i ai. O lenei auaunaga e tuuina atu puipuiga e maualuga atu pe a fa'aaoga auaunaga a le Google: <https://landing.google.com/advancedprotection/>
- **Lesitala i auaunaga fa'aopopo e umi le aoga, i nofoaga o loo maua ai.** Mo se faataitaiga, i latou taitoatasi e maualuga le lamatia UK atonu e agavaa mo auaunaga puipuiga fa'aopopo ina ia fesoasoani ai i a latou puipuiga i luga o komipiuta. Siaki agavaa ma saili nisi mea: https://www.ncsc.gov.uk/collection/defending-democracy/guidance-for-high-risk-individuals#section_7e

Ia Lipotia faamata'u

- > **Faailoa ma lipoti accounts pepelo.** Matu'ia le leaga o i latou e faatinoina gaoi i luga o komipiuta latou te faavaeina ni accounts pe osofai accounts moni ina ia faalautele ai le latou taulai atu. Afai ua e masalomia se account pepelo po ua fetuutuunai, lipoti i le vaega o tekonoosi ma poloka ai. O le tele o auunaga e i ai se faailoga ina ia faamaonia ai accounts, e pei o 'verified badges' mo Instagram ma le Facebook. E mafai ona fesoasoani e iloa ai faapea o se account e moni. E i ai taiala a le NCSC i le fa'aaogaina o ala o faasalalauga ma le saogalemu faapea e aofia ai faamatalaga pe faapefea ona iloa ma lipotia accounts ua afaina: <https://www.ncsc.gov.uk/guidance/social-media-how-to-use-it-safely>
- > **Phishing e fa'aaoga ai imeli pepelo, SMS ma links.** E mafai e le NCSC ona suesueina tuatusi imeli masalomia ma upega tafailagi. Afai e te mafaufau atu o se upega tafailagi, imeli po o fe'au txt e masalomia, e mafai ona e lipotia: <https://www.ncsc.gov.uk/collection/phishing-scams>

Uiga o Upu a le NCSC

> **Android**

O auala e faatino ai telefoni feaveai a le Google, o loo fa'aaogaina e le tele o smartphone ma i latou e gaosia tablet.

> **App**

O se talosaga, po o le app, o se vaega o polokalame faapea e mafai e i latou o loo fa'aaogaina ona faapipii pe faapipii muamua i luga o se masini ina ia tuuina atu ai gaioiga fa'aopopo po o mea i totonu o le latou masini.

> **Tulaga i le puipuia o komipiuta**

O le puipuiga o masini, au'aunaga ma fesootaiga tau komipiuta – ma faamatalaga o i luga o ia mea – mai le mauaina mai auala e lei faatagaina, gaoi pe faaleaga.

> **Masini**

O polokalame e i luga o Komipiuta faapea o loo i ai lava faaletino, e pei o polokalame desktop computer, smartphone po o le tablet.

> **iOS**

O auala e faatino ai telefoni feaveai a le Apple o loo fa'aaoga i luga o le faasologa o telefoni feavea'i.

> **Polokalame komipiuta e matu'ia le leaga**

E maua mai le upu 'malicious software', malware o soo se ituaiga polokalame faapea e mafai ona faaleagaina ai auala o faasolo ai komipiuta, fesootaiga po o masini. E aofia ai vairusi, ituaiga polokalame e poloka ai komipiuta ma polokalame faafoliga.

> **Auala e faagasolo ai**

O le polokalame faigofie e ola ai komipiuta, tablets ma smartphones, e manaomia ina ia faagasolo ai talosaga fa'aopopo ma polokalame.

> **Lafoina o imeli pepelo**

O imeli faagaoi po o feau text faapea o loo i ai sootaga i upega tafailagi faapea e ono i ai polokalame e faaleaga ai masini, pe atonu e faasee ai i latou e fa'aaogaina i le faailoaina o faamatalaga ma'ale'ale (e pei o upu faalilolilo (passwords) pe aveese ai tupe.

> **Polokalame komipiuta**

O se ituaiga o polokalame komipiuta faapea e faapipii i luga o se masini e aunoa ma le faatagana a le tagata e ona, aoina mai o faamaumauga ona lafolea i se tagata lona tolu.

> **Ala o Faasalalauga**

O upega tafailagi ma apps, e pei o Facebook, X ma le Instagram, faapea e faatagaina tagata ina ia faaso ma tali atu tagata e fa'aaoga a latou fausaga (feau text e tuu i luga, o ata ma video).

> **Smartphone**

O telefoni feaveai fa'aonaponei faapea e faatinoina gaiioiga e tele e aofia ai Android ma auala e faatino ai o le iOS.

> **Polokalame tau faasesē**

O se ituaiga polokalame na fausia faapitoa e faaleaga ai, faafoliga faapea o se polokalame moni, faapea e fa'aaoga ina ia maua ai faatagana i le masini a se tagata ua afaina.

> **Tuatusi o se itulau upega tafailagi**

Uniform Resource Locator. O se tuatusi i luga o le upega tafailagi i le lautele o le lalolagi e pei o se igoa o se domain (mo se faataitaiga www.bbc.co.uk).

> **Vairusi**

O se ituaiga o polokalame na fausia e faaleaga ai polokalame moni ma toe kopi i isi fesootaiga pe a faaola polokalame na.

Alaga'oa fa'aopopo

Taiala mai le Ofisa Tutotonu i le Malu Puipuia o Tulaga tau Komipiuta Ausetalia

- › [Lipoti se solitulafono i luga o komipiuta, mea e tupu faafuasei po o le faigofie ona afaina gofie](#)
- › [Pe faapefea ona malu puipuia au masini](#)
- › [Malu puipuia lau telefoni feaveai](#)
- › [Lafoina o imeli pepelo](#)
- › [Faagaoi](#)
- › [Malu puipuia au ala o faasalalauga](#)
- › [Fautuaga pupuu mo le saogalemu i ala o faasalalauga apps o fe'au](#)

Taiala mai le NCSC UK ma le NPSA

- › [Puipui mai le Faatemokarasi](#)
- › [Ala o Faasalalauga Faalauaitete: auala e fa'aaoga ai ma le saogalemu](#)
- › [Taiala i le Malu Puipuia o Masini mo faalapotopotoga e aofia ai telefoni feaveai](#)
- › [Lipoti o faamata'u i luga o apalai i faleola.](#)
- › [Saogalemu o le tagata lava ia ma le malupuipuia o tagata taitoatasi e maualuga le lamatia](#)

Taiala mai le NSA US

- › [Faataitaiga Sili mo Telefoni Feaveai](#)

O se Faamatalaga e te'ena ai

Faamolemole ia utagia mai faapea o lenei faufautua e tuuina atu faamatalaga e moni i le taimi na lomia ai.

O lenei lipoti e maua mai faamatalaga na aumai mai le faalapotopotoga e fausia ma tusia ma punaoa faapisinisi. Soo se mea na mauaina ma fautuaina e lei tuuina atu ma le faamoemoe e foia ai lamatiaga uma ma usitaia fautuaga o le a lē aveesea ai lamatiaga uma. O le tagata e ana faamatalaga e tumau le lamatia faatasi ai ma le tagata e ana auala talafeagai e fai ai i taimi uma.

I le UK, o lenei faamatalaga o loo faasaoina mai lalo o le Freedom of Information Act 2000 (FOIA) ma atonu e sao mai lalo o isi faamatalaga faaletulafono a le UK.

Faasino ane soo se faafesili FOIA i le ncscinfoleg@ncsc.gov.uk.

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Fa'aopopoga: MOONSHINE & BADBAZAAR o faataitaiga na maitauina

O lenei laulau o fua faatatau o loo lisiina ai apps sa fa'aaoga i faalauiloa a le MOONSHINE ma BADBAZAAR i tausaga e lua ua tuana'i.

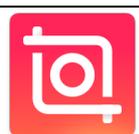
O le tele o nei apps e fa'aalia ai se manino o fa'ata'ita'iga i apps faavaeina. O le mea lea e ono avea ma auala faamoemoeina a le au faatino e faate'i ai ituaiga ua iloa lelei.

E tãua ina ia maitau mai, o le igoa o le app, igoa o loo afifi ai, ma le icon e mafai e mea uma ia ona kopi pe faatutusa le talosaga moni ma e le tatau ona so'ona fa'aaogaina ina ia iloa ai pe afai ua pisia le masini.

E pei ona aofia ai i le vaega e faaitiitia ai le leaga tele, e mafai ona e lafoina apps i luga o lau masini Android i le Google e ala i le mafai 'Faaleleia app e iloa ai mea leaga', faapea o le a scan ai apps i luga o lau masini faapea sa faapipii i ai mai tua atu o le Play Store.

App title	Igoa o le Afifi	App icon
99 Names of ALLAH	com.Apptriple.Namesofallah.Asmaulhusna	
APKPure	com.apkpure.aegon	
Adobe Acrobat	com.adobe.reader	
Alpine (بينتو)	psyberia.pa.full	
AlpineQuest Off-Road Explorer	psyberia.alpinequest.full	

AlpineQuest Off-Road Explorer	psyberia.alpinequest.full	
AlpineQuest Off-Road Explorer (Lite)	psyberia.alpinequest.free	
AppLock	com.alpha.applock	
Arabic Keyboard	com.arabic.keyboard.arabic.language.keyboard.app	
Audio Video Cutter	bsoft.com.mp3.cutter.ringtone.video.maker.trimmer	
Badam 维吾尔输入法	com.ziipin.softkeyboard	
Buddhist Songs (1)	com.bigkidsapps.buddhistsongs1	
Calculator	com.android2.calculator3	
Compass 360 Pro	com.pro.app.compass	
EN-UG Dictionary Free	ru.vddevelopment.ref.enugen.free	
Ewlad	ewlat.com.ewlatuyghur	

VAVE	com.netflix.Speedtest	
FMWhatsApp	com.fmwhatsapp	
File Manager +	com.alphainventor.filemanager	
FlyGram	org.telegram.FlyGram	
Flygram	org.telegram.FlyGram	
Free WiFi Pass	com.cl.wifipassword.share	
GBWhatsApp	com.gbwhatsapp	
Hefz Quran	com.golap.hefzquran	
Hijri Calendar	com.ibrahim.hijricalendar	
InShot	com.camerasideas.instashot	
KMPlayer	com.kmplayer	

KineMaster	com.nexstreaming.app.kinemasterfree	
MP3 Cutter & Ringtone Maker	ringtone.maker.mp3.cutter.audio	
Malloc	com.mallocprivacy.antistalkerfree	
Maps Distance Calculator	com.routemap.mapdownload.gpsrouteplanner	
Media Recovery	com.aaa.media.recovery.androidapp	
Nur.cn	com.nur.reader	
Nur输入法	com.nur.ime	
OGWhatsApp	com.gbwhatsapp3	
PDF Extra	com.mobisystems.mobiscanner	
PDF Reader	pdf.pdfreader.pdfviewer.pdfeditor	
PDF Reader	com.gappstudios.autowifi3gdataswitch.san.basicpdfviewer	

Photo Editor	com.iudesk.android.photo.editor	
Photo Recovery	recover.restore.undelete.photo.video.file	
Photo Studio	com.kvadgroup.photostudio	
Plus	org.telegram.pluspro	
Prayer Book	com.arashpayan.prayerbook	
QuarkVPN	com.speedy.vpn	
Quran	com.tos.quranuighore	
QuranKerim	com.ewlat.qurankerim	
Toe Maua Mai Ata na Tapē Ese	com.restore.deleted.pictures.video	
Faailoilo	org.thoughtcrime.securesms	
Signal Plus	org.thoughtcrime.securesmsplus	

SignalPlus	org.thoughtcrime.securesmsplus	
Singing Bowl Sounds HD	com.soundjabber.tibetansingingbowls.candletibet.bowlschakrasound	
Skype	com.skype.raider	
Snaptube	com.snaptube.premium	
Snaptube Plus	com.snaptube.gold	
SwiftKey Keyboard	com.touchtype.swiftkey	
Tarteel	com.mmmoussa.iqra	
Uaealesi	org.zhifeijihj.messenger	
Uaealesi	org.telegramfbo.messenger	
Telegram X	org.thunderdog.challegram	
Tibetan Divination System MO	net.rhombapp.mo	

Tibetan Prayer	com.chorig.tibetanprayer	
Translator AR-TR	free_translator.artr	
Truecaller	com.truecaller	
TubePlus	com.techshop.videocraft	
Ultrasurf	us.ultrasurf.mobile.ultrasurf	
Uyghur Keyboard	com.mykeyboard.myphotokeyboard.uyghurkeyboard	
Uyghurche Kirguzguch	com.ziipin.softkeyboard	
Masini Faaliliu ai Video	com.inverseai.video_converter	
Tipi ai Video	com.naing.cutter	
Lolomi ai I totonu ata video	downloader.video.download.free	
Faiga o ata video	com.bstech.slideshow.videomaker	

Video Player mo Android	com.zgz.supervideo	
Vieka	com.prime.story.android	
VivaVideo Lite	com.quvideo.vivavideo.lite	
VivaVideo PRO	com.quvideo.xiaoying.pro	
Vmuslim	com.alhiwar	
Masini Pu'eleo	com.media.bestrecorder.audiorecorder	
Voxer	com.rebelvox.voxer	
Tala o le Tau	com.graph.weather.forecast.channel	
WhatsApp	com.whatsapp	
WhatsApp	com.whatsapp	
WhatsApp	com.WhatsApp3Plus	

WhatsApp	com.whatsapp	
WhatsApp	com.WhatsApp2Plus	
Whoscall	gogolook.callgogolook2	
WiFi Password Master_v1.4	com.example.dat.a8andoserverx	
Windy	com.windyty.android	
Wise	com.transferwise.android	
YoWhatsApp	com.yowhatsapp	
YouTube Downloader	dentex.youtube.downloader	
Zom	im.zom.messenger	
iQuran Lite	com.guidedways.iQuran	
ئاۋازلىق ئەسەرلەر	com.ewlat.eserler	

ئاۋازلىق قۇرئان	com.c9.utilim	
ئىزچى	com.yelken.izchi	
ئىزدىگۈچى APK ئۇيغۇرچە	com.uygur.apkstore	
ئۇيغۇرچە قۇرئان	com.c9.uyghurquran	قۇرئان
القرآن الكريم	com.maher4web.quran	
زىكىرلەر	com.my.newproject5	
قۇرئان كەرىم	ru.omdevelopment.ref.quranuyghur.free	
كۆھنەقاپ لۇغىتى	com.kuhiqap.lughitim	
نۇر كىرگۈزگۈچ	com.nur.ime	
《心灵法门》念佛机	com.guanyincitta.chant	
汉藏英辞典	com.dacd.dictionary	

藏历基本数据	com.example.astronomicalcalendarapp	
阳光藏汉翻译	com.tibetan.translate	