



National Cyber Security Centre

a part of GCHQ



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

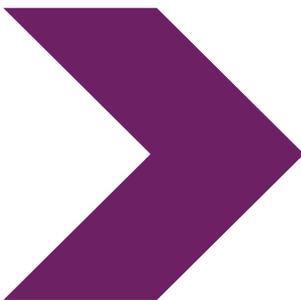


PART OF THE GCSB



Kamatata

**BADBAZAAR ao MOONSHINE:
Tibwaiuea ake a taketenia
Uyghur, kain Taiwan ao kurubu
mai Tibet ao aia botaki aomata
ae inaomata**



BADBAZAAR ao MOONSHINE: Tibwaiuea ake a taketenia Uyghur, kain Taiwan ao kurubu mai Tibet ao aia botaki aomata ae inaomata

Te NCSC ma raoraona a boreti rongorongo aika boou ao arom n taobarai kanganga ibukia ake a kai rotaki man uoua aekan tibwaiuea.

Kauarereke

Man ana boutoka te UK rinanon te [Cyber League](#), te kamatata aei ea tia ni uaia ni karaoaki iroun te Botaki ni Kamanomano iaon te intanete i Buritan (NCSC-UK) ma raona nte aonnaba:

- › **Ana tabo Aotiteria ni Kamanomano iaon te Intanete, mwangan Tauanimwin Tikino i Aotiteria**
- › **Ana tabo Kanata ni Kamanomano iaon te Intanete, mwangan Boboti ibukin Kamanoan te Reitaki**
- › **Ana Botaki n tibwai Tiaman**
- › **Ana Aobiti Tiaman ibukin Kamanoan te Tua**
- › **Ana tabo New Zealand ni Kamanomano iaon te Intanete, mwangan ana Botaki te Tautaeaka ibukin Kamanoan Reitaki**
- › **Ana Botaki ni Kakae Rongorongo Tautaeaka n Amerika**
- › **Botaki ibukin Kamanoan Aban Amerika**

Oin karaoana bwa ena karikirakea te atatai iaon rikiraken kakamaku ake a kakaraoi taan ioawa aonrain nakoia aomata ake a irekereke ma karakinan Taiwan, Tibet, Xinjiang Uyghur mwakoron Xinjiang i China ae a bon tautaeakania, kakamwakuri ibukin te tautaeaka ae inaomata ao ai te Falun Gong.

Te kamatata aio e ikoti uoua keiti ake a kabwarabwarai aron karaoan mwakuri ake a kabonganaki irouia taan ioawa aonrain man kabonganakin tibwaiuea aika BADBAZAAR ao MOONSHINE aroia n taketeni rongorongo iaon tareboon ake e nano iai te tautaeaka n China.. E katerei anga ni buokia aomata ibukin katanaia, katana aia bwai n reitaki ao rongorongoia.

Irarikin te kamatata aei, ao te NCSC ea tia ni boreti [rongorongo ibukin mwakuriana nte kairi ae okoro](#).

Antai ae kona n rotaki?

Taan anga kariaia ao raovia ibukin karaobwai a tia n noora BADBAZAAR ao MOONSHINE n taketenia te koraki ake a rekereke ma karaki are e aranna te tautaeka n China bwa ena urua aroia n tautaeka, aia waaki ao ai aron kinakiia nte aonnaba. Te koraki ake ana rotaki, tiaki tii, ma nikabane aomata ake a rekereke ma:

- › **Kainaomatan Taiwan**
- › **Iaomataia kain Tibet**
- › **Taian Motirim aika Uyghur ao reeti ake a karako iaon Xinjiang Uyghur mwakoron China ae a bon tautaekania**
- › **taan boutoka te tautaeka ni inaomata (ao Hong Kong)**
- › **te botaki n tataro ae Falun Gong**

A rekereke naba botaki i tinanikun-tautaeka (NGOs), taan kareke rongorongo, bitiniti ao aomata ake a boutokaia, te koraki ake a taku bwa kaaina, ke te koraki ake a tei ibukia kurubu aika teniua aikai. Aron te tibwaiuea aei ni buti aonrain ae aki barongaki e karika te kantaninga ae te koraki ake aki taketenaki ana rotaki naba.

Te kamataa aio ena buokia te koraki ake a kai rotaki n kaitarai taian kakamaku man tibwaiuea aika BADBAZZAR ao MOONSHINE. Anga n taobarai kanganga aika taekinaki ikai ana katabangaki riki taeka ni bau ibukin kamanoam ao ana aki riiai ni taraki bwa a kaokoro.

Man iran nanon kairi ake a mwaneweaki nte kamataa aio, ao taan kamanena ena uarereke rotakin aia tareboon bwai n reitaki ao rongorongoia.

Te Kakamaku

MOONSHINE ao BADBAZAAR bon katoton te bwai ni kamwane n rinnako; iai aron mwakurina ae kaikuaki ae raba inanon burokuraem aika a bon nakoraai ake a kona n anaki man titoa ni burokuraem ke tieweti ibukin tibwatibwan-rongorongo.

Burokuraem aikai a karaoaki bwa ana kamwane te tia kamanena ngkana a karinna inanon aia bwai n reitaki. Nte tai are a karinaki iai burokuraem aikai, ao e kabonganai memere iaon bwai n reitaki ni karaoi mwakuri n akea te kariaia, ke e kona n taininga ae anganaki te kariaia ao ea kaewei naba rongorongo man am bwai n reitaki, n aron:

- > **rongorongon am tabo ni ikotaki ma ririmwiam**
- > **rinnakoan am mwaiki ao bwai n rawetamei**
- > **taeka n reitaki, tamei ao rongorongo ake a kawakinaki n am bwai n reitaki**
- > **Rongorongon bwai n reitaki ao a mwaiti riki**

Aekita aikai a aonikai kainnanaoia kurubu ake a kai rotaki-riki, a kakaei ao kabarekaia aia bwai n reitaki naake a kumei, ao man rinnakoi ao kumei rongorongoia. Teuana aia anga ni kamwane bon karaoan burokuraem are ataia bwa ena rangi n tangiraki iroua aomata, burokuraem aikai iai oin aia taetae iai, ke kanoana a kaineti ma aia tabo n aron Tibet iaon China ke Xinjiang.

Katoto tabeua nte kamatata aio e katauraai taian katoto, n taian burokuraem aika te TibetOne ao te Uygur Quran.

Aekita aika aki toki ni kaoti n tabo n tibwatibwa ake e tiraua iai nake ana kumeia, aia mwakuri aio are ea korakora iai kuneakia te koraki are ana kumeia. A tia n nooraki n tibwai tibwaiuea aion taabo ni maroro ae rekereke ma-Tibet iaon Telegram ao Reddit. Katoto tabeua inanon te kamatata aio e kaoti katoton aroia ni karaoi aia waaki.

Burokuraem ake a kaikoaki aikai aki toki n tibwaki nti ngaia, n aron APK iaon Android, ao a kainanoaki taan kabongana bwa ara kawakinna ao ni karinna n aia bwai n reitaki. Aekita aikai a kataia ni karaoia bwa aia tibwaiuea ena tara n kinaki man karinana nte titoa ni burokuraem n aron Google Play Store ao te Apple App Store ke man karinan taeka aika kaikuaki inanon burokuraem aika aki urubwai, e ngae ngke titoa ni burokuraem a kamanoaki ao aron ao kawai n rin aio are ea kauarereke anga n totoko aikai. E karaoaki aio bwa aonga ni mano burokuraem n titoa, ma n aron ae noraki ni katoto aikai ao n ana riboti te NCSCs [Ribotin Kanganga man Titoa ni Burokuraem](#), aki rangi n tamaroa te waki aio.

Karaoan nanon kaetieti aika 4 ana kona ni buokiko ni kamanoko man kanganga ake a taekinaki nte kamataa aio.

Ibukin rongorongona ae bwanin, noora mwakorona ae manga kaokan arona.



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.



Katoto tabeua

Katoto aika uoua aikai a kaota aron mwakurin MOONSHINE ao BADBAZZAR, ao aroia taan kaikuaki aonrain n taketenia nake a kai rotaki riki.

Te moan katoto: MOONSHINE

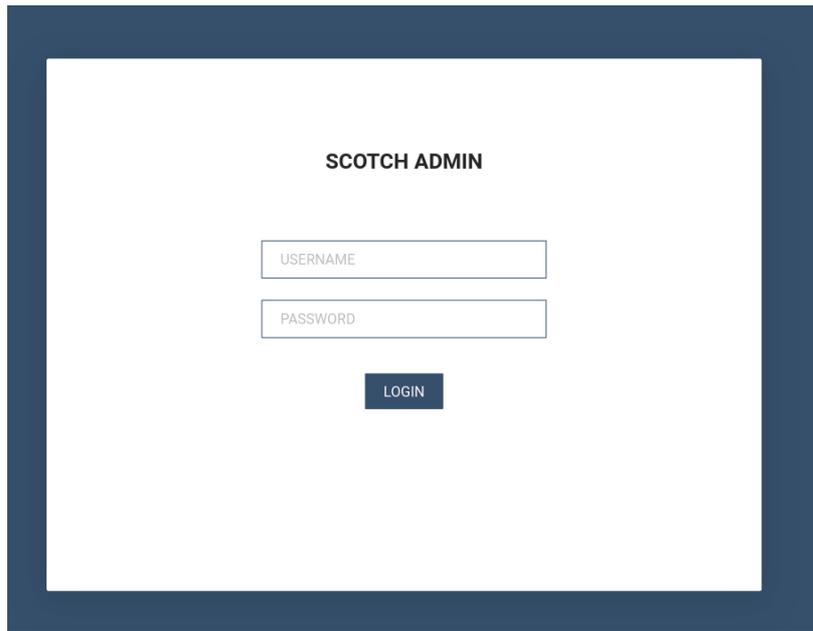
MOONSHINE ngaia te tibwaiuea nte Android are ribotinaki n 2019 iroun [Citizen Lab](#) bwa a tataketenia kurubu mai Tibet. MOONSHINE e riki bwa te burokuraen ae kinaki ibukin anoakia aomata bwa ana karinna n aia tareboon. Ea tia n tibwaaki rinanon Telegram ao rinki rinanon WhatsApp.

MOONSHINE e kona ni karaoi ukeuke, n aron:

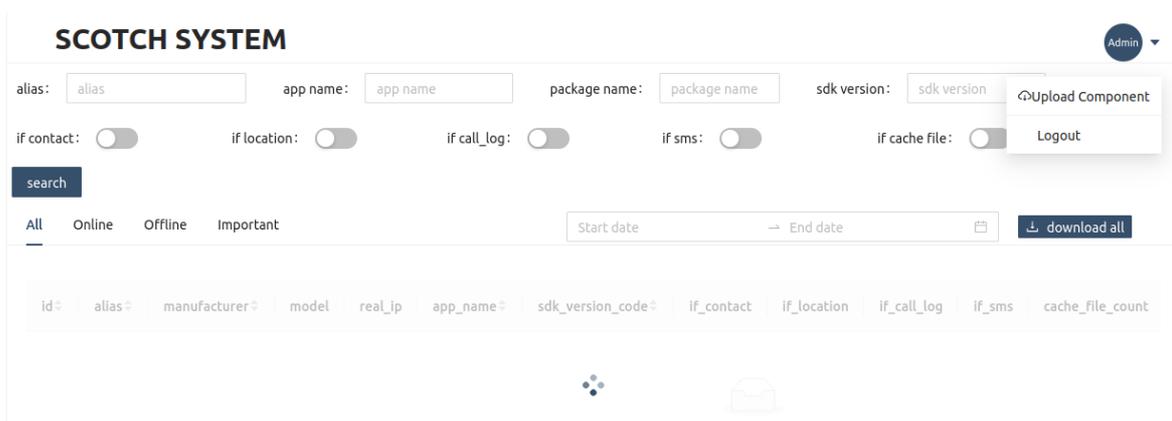
- > **rongorongon am tabo ni ikotaki ma ririmwiam**
- > **tamnei aika maiu ao rawe tamei**
- > **kawakini rongorongo man bwai n reitaki**
- > **anai rongorongon bwai n reitaki**
- > **katang bwana n am bwai n reitaki**

Te burokuraem ae 'ئاۋازلىق قورئان.apk', aio rairana '**Audio Quran.apk**', bon teuana ibuakon MOONSHINE e kabonganaki ibukin taketenakia Uyghurs. Kabonganana te taetae ni Uygur bwa aran te burokuraem, n aranna bwa te burokuraem man te Quran, e kona n rangi n anainano nakoia Motirim.

Nte tai are karinaki iai, ao taan kaikoaki aonrain a kona naba n rikoi rongorongo man bwai n reitaki. Rongorongo aikai a rinnakoaki man te baeno ae 'SCOTCH ADMIN'.



Nte tai are e reke iai rinia, aekita aikai a kona ngkanne n roko nte iteraniba ae oti i nano. Te iteraniba aio e kaoti rongorongon bwai n reitaki ao korakoraia ni kumea te bwai n reitaki are rotaki:



Te baeno ibukin barongan mwauea e kaoti rongorongo ake a rikoaki, n aron:

- > **korakoraia ni kume**
- > **SMS maroro**
- > **mwin tareboon**
- > **nnea rongorongon**
- > **rongorongon bwai n reitaki**

Man te uaia ni karekebai ma Cyber League, te NCSC ea tia ni katei ribotinakia taan [karaobwai man Trend Micro](#) ibukin kakaean rekereken ana bwai n aonikai MOONSHINE ao baeno ni karirrin ae 'UPSEC' n ana HTML. Bwaninin rongorongona a kona ni kuneaki n taian kamataata akana tabeua.

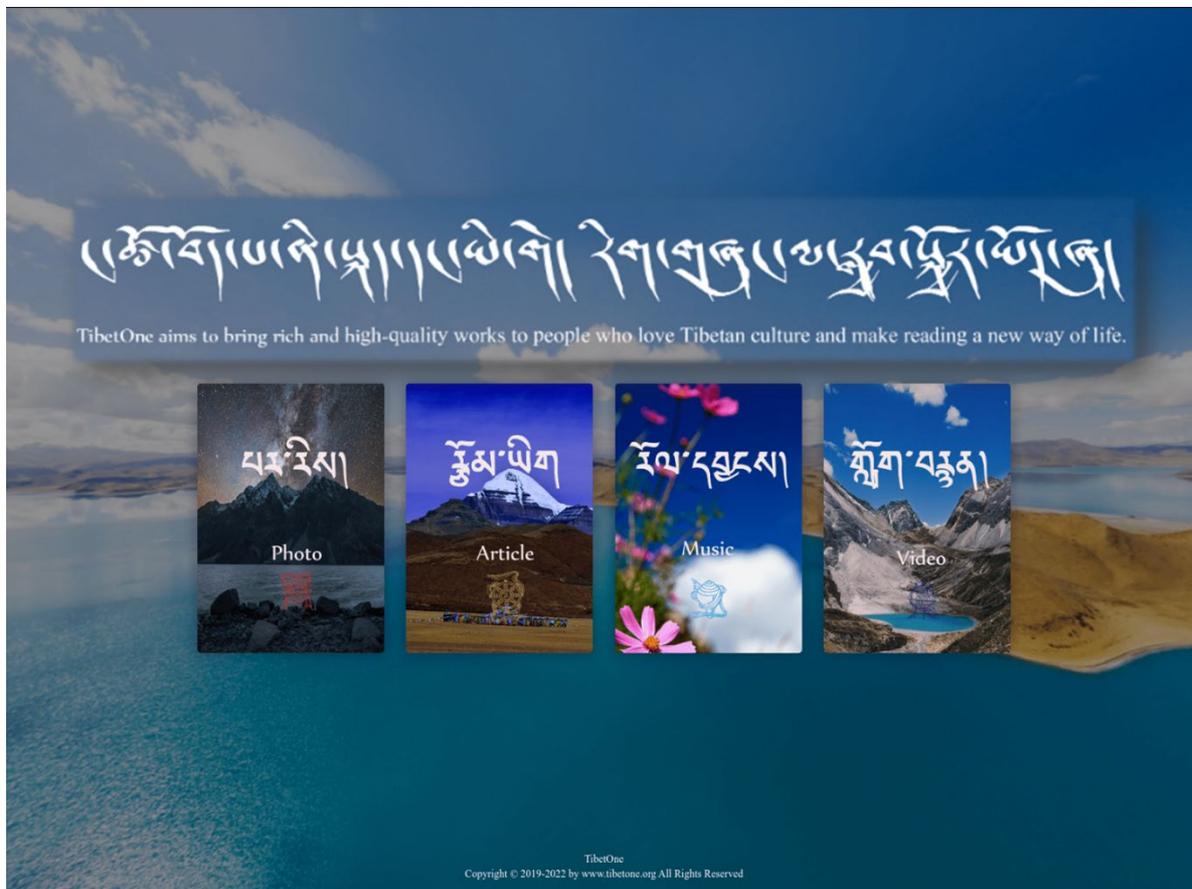
Iroun te [Intelligence Online](#), UPSEC e tei ibukin 'Sichuan Dianke Network Security Technology Co. Ltd'. Taan anga kariaia a tuai kakoaua te rongorongo aei.

Ka Uoua ni Katoto: BADBAZAAR

BADBAZAAR bon te mwauea n tareboon ake a kamanena iOS ao Android are ea tia n taketenia taian Uyghurs, kainTibet ao kain Taiwan. Ea tia te mwauea aei ni buti rinanon tabo n reitaki ao titoan burokuraem.

Ea tia ni kakabonganaki BADBAZAAR n taketenia kain Tibet rinanon te burokuraem ae '**TibetOne**', aio e ribotinna [Lookout](#) ao [Volexity](#). **TibetOne** bon te burokuraem nte iOS are karaoaki irouia taan kaikoaki, ao ana mwakuri e ninia nako bwai n reitaki ao n anai rongorongoa ao te tabo are a mena iai. E karinaki n ana Tioa Apple ibukin Burokuraem n Ritembwa 2021 ma ai akea ngkai. Ibukin riki kabutanakoan te mwauea aei, aekita aikai a kakatanoata iaon Telegram nte akaunti ae '**tibetanphone**'.

Ibukin kinakin te burokuraem aei, ao aekita aikai a karaoa te tomein ae arana '**tibetone[.]org**', ao e kabwarabwara bwa ena 'uoti[uo] kaubwai ao mwakuri aika-tamaroa nakoia aomata akea a tatangira kateia kain Tibet ao mani karaoa te wareware bwa anuaia ae boou'.



Nambwa 3: Nnen 'tibetone[.]org'.

Ea tia ni bitaki te tamnei aei ibukin kaitiakan tabo ake a mabubu.

Te tomein aei iai ana iteraniba ibukin karaki ake a kona iai taan wareware ni koroia aia bwaebwaeti. Te bwaebwaeti ae koroia te imeeri aio '**choekyi.wangmo@ignitetibet.net**', e kakoauaki bwa e tauaki mwina irouia taan bakaine aikai ao a kataia ni katotonga '**Choekyi Wangmo**' teuaei n aron ana kukunete [Ana Tienta Tibet ibukin Inaomataia Aomata ao Tautaeka](#) ngaia temanna te tia boutoka-Tibet ibukin inaomatana. E katautauaki aio bwa te anga teuana ni kataia n anga te banna ae te burokuraem aio e rangi n tabe ao ni boutoka inaomatan Tibet.

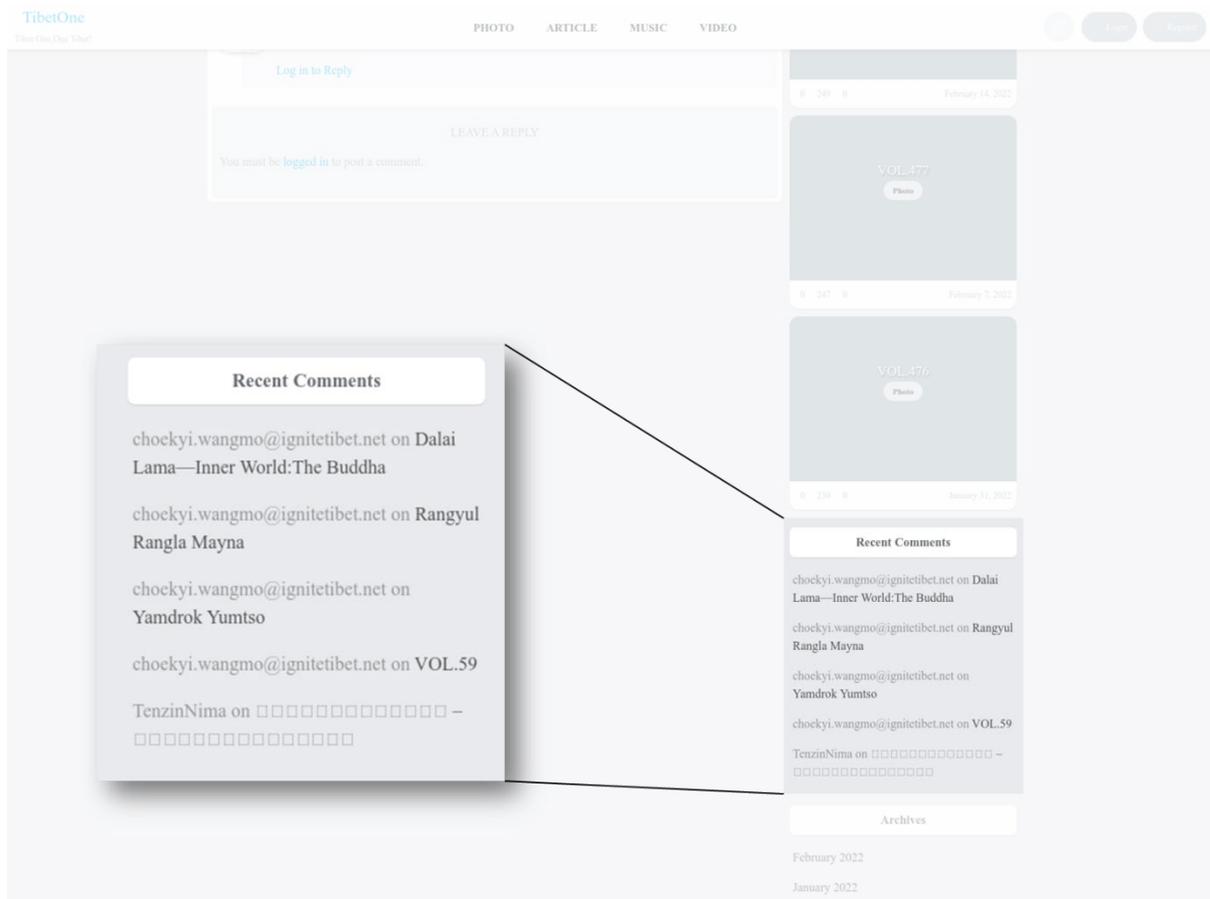
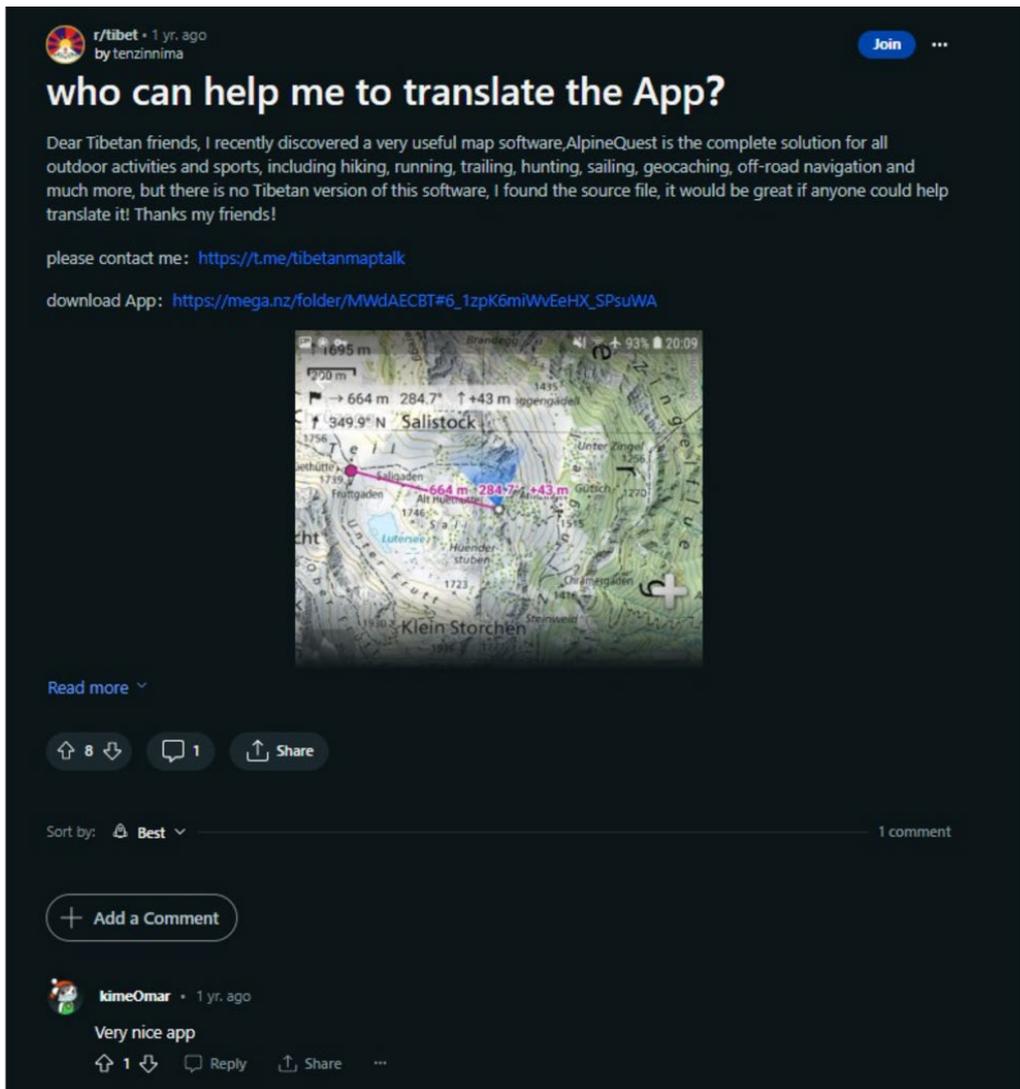


Figure 4: 'tibetone[.]org' te iteraniba aio e kaoti bwaebwaeti mairouia taan kabongana ake a kakoauaki bwa a tauaki mwia irouia taan bakaine aikai.

Ea tia ni bitaki te tamnei aei ibukin kaitiakan tabo ake a mabubu.

'**TenzinNima**' aio aran te tia kabongana temanna ae ea tia ni bwaebwaeti nte tomein aio. [E ribotinna Volexity](#) bwa te ara aio e kabonganaki naba iaon Reddit ibukin katanoatan te akaunti nte Telegram ae '**Tibetanmaptalk**'. E kaira te rinki ibukin karuoan katoton malicious sample of '**AlpineQuest**' ae kaikoaki, te burokuraem ibukin neweaban te intranet iaon bwai n reitaki ake a maiu n Android. Te rinki ibukin karuoana e katauraooki ibukin te bwai n tibwa-rongorongong imai-kiraroa ae Mega.



Nambwa 5: Te katokatoka iaon Reddit ae katanoatai burokuraem aika kaikoaki man akaunti aika tauaki mwia irouia taan kaikoaki.

E kaotia naba Volexity ae te akaunti ae 'KimeOmar' are bwaebwaeti iaon te katokatoka ea tia n noraki n tibwai burokuraem aika kaikoaki iaon teuana te tiabu-Reddit. Aio e kona ni kaotia ae taan aonikai aikai a kakabonganai akaunti aika tiraua iaon burokuraem n reitaki aika mwaiti e aonga n kinaki aia katokatoka.

Te Tutuo

BADBAZAAR ao MOONSHINE a kabonganai anga n bita aia iango aomata tabeman ibukin taketenakia taian Uygur, kain Tibet ao kain aiwan, araia:

- karaoan mataroa mai buki iananon burokuraem ake a nano iai koraki aikai, n aron te burokuraem ao Quran nte taetae ni Uygur, e bon ataaki bwa a karaoaki ibukia nake a taketenaki
- karinan mataroa mai buki aikai nanon titoan burokuraem ena bon karekea te iango bwa a kinaki, ao tibwatibwana n taabo ni maroro bon aia anga n aonikaia tangirakia irouia te koraki aikai

BADBAZAAR ao MOONSHINE a rikoi rongorongo ake ana bon nang bongana nakon te tautaeka n China. E ngae ngke BADBAZAAR ao MOONSHINE a tia n nooraki n taketenia taian Uyghur, ao kain Tibet ma Taiwan iai riki tabeua mwauea aika a taketenia koraki aika uarereke mwaitia iaon China. Aomata ake a irekereke-abaia, iaon China ao i tinaniku, ake a taraaki bwa a boutokai waaki aika ana karaoa te kanganga nakon raun te tautaeka, ngaia aika ana bon reke ni kakamaku n taian mwauea nte tareboon aika BADBAZAAR ao MOONSHINE. Aia konabwai n anai mwin am tabo, bwanaa, ao tamnei e kakoauaki bwa ena manga kangaraoa aron kakae ao karaoan mwakuri n aki rau n tai aika i mwaira man katauraoan rongorongo aika boni ngkai-naba nakon ana mwakuri ake a taketenia.

Aron kaokan aron tareboon ibukia taan kabonganaq

Botaki n anga kariaia a kaungai anga ni kamano aikai ibukin katanami man kakamaku ake a kabwarabwaraki n taian katoto akekei. Taian taeka ni ibuobuoki aikai a boutokaki man ana kairi aroaro NCSC aika rangin-tamaroa. Noora te 'wareware riki' koona ibukin katoma nakon kairi nakon aoro aika rangin-tamaroa ibukia taan wareware i Aotiteria ao nte US.

Kakamanoa am bwai n reitaki

- › **Ti karuoi burokuraem man titoa ni burokuraem aika kinaaki, n aron ana Play Titoa Google ke ana App Titoa Apple.** [Ana Play Titoa Google](#) ao ana App Titoa [Apple](#) a tua burokuraem ibukin man aoraki imwain ae a kaotinakoi, aio e anganiko riki te onimaki bwa te bwai are kona karinna n am tareboon e mano. Burokuraem man titoa aika onimakinaki a kona naba ni uota te rotaki, ma kawakinaia man taabo tiki tabeua e kona a ae ai bon akea kamano iai lai ana riboti NCSC iaon kanganga man titoa ni burokuraem: <https://www.ncsc.gov.uk/files/Threat-report-on-application-stores-web-v2.pdf>
- › **Tarai kanoan am tareboon ao burokuraem bwa ana eti ao koaua.** Karini taian kaboou nakon am burokuraem ao tareboon nte tai are a tauraoi iai. Kamaiua te 'kaboou irona' inanon am bwai n reitaki ngkana iai e aonga n ae ko aki kua ni kakauringa karaoana. Noora ana kairi NCSC ibukin kamano n tainako aonrain, ni kataniko man aoraki aika a ataaki ao ai aekakin nako te mwauea. Kabouana e aki toki n airi ma katamaroa ao bwai aika boou: <https://www.ncsc.gov.uk/collection/top-tips-for-staying-secure-online/install-the-latest-software-and-app-updates>
- › **Tai bibita tein am tareboon 'uru karabuti' ke 'waka'** ngkai karaoan aio a kabonganai memere aika tuai bonotaki ao a kona ni katuai anga ni kamano ake a tia ni karaoaki. E kona aio ni karika am bwai n reitaki bwa ena kai rotaki ni mwakuri ni ioawa. Noora ana kamatata NCSC: <https://www.ncsc.gov.uk/files/Threat-report-on-application-stores-web-v2.pdf>

Barongai am burokuraem

- > **Rinanoi am burokuraem ma aron mwakurina.** Ngkana koa aki kainanoa te burokuraem, kamauna. Ngkana ko kona, kauarerekei aron mwakurin am burokuraem ibukin kauarerekean otinakon rongorong, ngkai mwauea a karaoaki bwa ana rinnakoi rongorong ake a kamanooki ao bwaina n aron, bwain rawetamei ao mwaiki.
 - o Kona kanga n tuoi aron mwakurin burokuraem ibukia taan kamanena Apple:
<https://support.apple.com/en-gb/guide/iphone/iph251e92810/ios>
 - o Kona kanga n tuoi aron mwakurin burokuraem ibukia taan kamanena Android:
<https://support.google.com/android/answer/9431959?hl=en-GB>
- > **Kakanakoi burokuraem aika aki ataki nakon Google.** Ngkanako kakabongana Android ao koa tia ni karuoa te burokuraem ae aki roko man ana Play Tita Google, ko kona ni kanakoa nakon Google man kamauan 'Katamaroan Kunean Burokuraem aika Kaikoaki' inanon ana Play Tita Google ae mena iaan 'Play Protect'. Karoan aio ao ena tuoaki iai te burokuraem ibukin mwauea ibukin buokaia taan kabongana. Rongorong iaon aron karooan aio:
<https://support.google.com/android/answer/2812853?hl=en-GB>

Kamanenai tiwetite nte intanete

- > **Kabonganai tiwetite ibukin kinakin URL imwain ae ko kotea te rinki.** Ko kona n tua te rinki man imeeri, text ke tabo riki tabeua bwa e mano imwain kabonganai tiwetite akanne [Google Transparency Report](#) or [Virus Total](#). ko kona naba n katamwarakei rongorong ao burokuraem aika a kananououa nakon te bwai n tutuo mwauea, n aron Virus Total e kona ni kakai kanganga aikai. Taratara raoi bwa tiwetite ibukin tuoan mwauea e kona n anga ae akea mwauea ngkana bon iai.

- > **Kabaea aram n ana Burokuraem Google ibukin Katantan aika Rianako.** Te tieweti aio akea boona ao e karaoaki bwa ena kamanoia aomata ake a kabonganai ana tieweti (Gmail, Play Store, etc) ao a manga kai rotaki ke n kai taketenaki. Te tieweti aio e katauraoi kamano aika ririeta ngkana e kabonganaki ana tieweti Google:

<https://landing.google.com/advancedprotection/>

- > **Kabaea aram ni kamatoan tieweti, nte tabo are a katauraaki iai.** Te kabotau, te koraki ake a kai-rotaki nte UK a kona ni kariaiakaki ibukin anga ni kamano riki ibukin buokaia ni kamanoia nte intanete. Nooria ngkana ko kona ni itia ao a mwaiti riki:

https://www.ncsc.gov.uk/collection/defending-democracy/guidance-for-high-risk-individuals#section_7e

Ribotini kanganga

- > **Kakaeen ao ribotinan akaunti ni kewe.** Taan kaikoaki aonrain a kakaraoi akaunti ni kewe ke a kumei ake bon akaunti raoi ibukin kakoroan nanon aia mwakuri. Ngkana ko nanououa nte akaunti bwa e kewe ke e tauaki taekana, ribotinna nakon te tieweti anne ao buraokinna. Angiin tieweti iai aia kawai ibukin kakoauan akaunti, n aron 'verified badges' ibukin Instagram ao Facebook. E kona aio ni buobuoki ibukin kaotan akaunti aika tikiraoi. Iai ana kamatata ni kamano NCSC n aron kabonganai tabo n reitaki aio e kairi naba rongorongoi ibukin aron kinakin ao ribotinakin akaunti aika tauaki taekaia:

<https://www.ncsc.gov.uk/guidance/social-media-how-to-use-it-safely>

- > **Te Katairake n taian imeeri ni kewe, SMS ao rinki.** Te NCSC e kona ni karaoa ana kakae ibukin imeeri ao tomein aika kanano uoua. N am katautau ao te tomein, imeeri ke bwaebwaeti a kananououa, ko kona n riboti: <https://www.ncsc.gov.uk/collection/phishing-scams>

NCSC Taeka ma nanoia

> **Android**

Ana tititem ni mwakuri Google, ae kabonganaki irouia taan karao tareboon.

> **Burokuraem**

Bwain nanon kombiuta, ke burokuraem, bon bwain nanon kombiuta are a kona ni karini taan kabonganai ke a kaman-karinaki inanon bwai n reitaki ibukin taben aron mwurin bwai n reitaki ke bon kanoana.

> **Kamano nte Intanete**

Aron kamanoan bwai n reitaki, tiweti ao tititem – ao rongorongoa – man rinnako aika aki kariaiakaki, kimoa ke urubwai.

> **Bwai n reitaki**

Bwain-kombiuta ake a matoa ao man iai rabwataia, n aron kombiutan aon te taibora, tareboon ke taeburete.

> **iOS**

Ana tititem ni mwakuri Apple ibukin ana tareboon e bon kabonganai n ana tareboon.

> **Mwauea**

E reke te ara aei man 'malicious software', mwauea bon aekan nako burokuraem ake a kona ni urui ana tititem te kombiuta, tabo ni mwakuri aonrain ke bwai n reitaki. N aron man aoraki, bwai n aonikai mwane ao trojans.

> **Tititem nimwakuri**

Bwain nanon kombiuta ake a maiu inanon kombiuta, taebureti ao tareboon, a kainnanao ae ana maiu burokuraem riki tabeua ao bwain kombiuta.

> **Katairake**

Imeeri ni kewe ke text ake iai rinki iai nakon tomein ake a kona ni iai mwauea inanona, ke a kamwaneia taan kabongana aonga ni kaoti rongorongoa aika tabu (n aron taeka aika raba) ke ni karai mwane.

> **Tibwaiuea**

Karinanin te mwauea ae rinnako inanon bwai n reitaki n akean te kariai, e rikorikoi rongorongoa ao mwina e kanakoa nakoia tekarakina.

> **Taabo n Reitaki**

Uebutiaiti ao burokuraem, n aron Facebook, X ao Instagram, are angania aomata te kona n tibwatibwa ao n kaekai kanoana ake a karaoi-aomata (katokatoka text, tamnei ao birim).

> **Timwati n Tareboon**

Karinan n tarebou aika boou are a kona ni karaoi aroaro aika aki nonoraki mai mwaina ao ni ikotaki ma ake inanon tititem ni mwakuri aika Android ao iOS.

> **Mataroa mai buki**

Krinanin te mwauea, e karabaki bwa angkoa bwain nanon kombiuta aika kinaki, e kabonganaki ibukin rinnanoan bwai n reitaki n akea te kariaia.

> **URL**

Kakaeen Ririoti aika Titabo. Aran te tabo iaon te intanete n aron aran tomein (te kabotau www.bbc.co.uk).

> **Man aoraki**

Karinanin te mwauea ae karaoaki bwa ena kaoraki bwain nanon kombiuta aika kinaaki ao e kaewei nakon tabo ni mwakuri ngkana a kamaiuaki burokuraem akanne.

Wareware riki

Kamatata man ana Botaki ni Kamano Iaon Intanete mai Aotiteria

- › [Riboti iaon te kakamwarua nte intanete, kanganga ao memere](#)
- › [Arom ni kamanoi am bwai n reitaki](#)
- › [Kamanoa am tareboon](#)
- › [Katairake](#)
- › [Kewe](#)
- › [Kamanoi am tabo n reitaki](#)
- › [Kawai ni kamano ibukin bwai n reitaki ao burokuraem ni maroro](#)

Kamatata man te UK NCSC ao NPSA

- › [Katanan te Tautaeaka ni inaomata](#)
- › [Tabo n reitaki: aron kabonganana ae mano](#)
- › [Kamatata iaon kamanoan bwai n reitaki ibukin boboti ao tareboon](#)
- › [Riboti iaon kakamakun titoa ni burokuraem.](#)
- › [Maurim ao kamanoam ngkoe are ko kai-rotaki](#)

Kamatata man te US NSA

- › [Aron Kabonganana am Tareboon ae tamaroa](#)

Otanga

Taiaoka ni uringnga ae kamatata aikai e katauraoui rongorongo aika a koaua nte tai are a boretiaki iai.

Te riboti aei e anaki man rongorongo mairouia taan anga kariaia ao taian kambwana. Taian kukune ao taeka ni buobuoki aika a karaoaki aki katauraaoaki ma te kantaninga bwa ena totokoi anga ni kaikoaki ao iran taeka n buobuoki aikai e aki kona ni kauarerekei ananga ni kaikoaki. Te bwaibwai n rongorongon kaikoaki e tiku i nanon bain te tia bwaibwai nte tititem ni katoa tai.

Nte UK, ao rongorongo aikai tiaki kona n bukintaeka iai iaan te Tua ae Inaomatan te Kareke Rongorongo 2000 (FOIA) ao ti kona naba n aki kona n rotaki iai iaan te tua ibukin rongorongo nte UK.

Noora FOIA titiraki nakon ncscinfoleg@ncsc.gov.uk.

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Anekiti: MOONSHINE & BADBAZAAR tarakin katoto tabeua

Te taibora aio e karinani burokuraem ake a kabongana MOONSHINE ao BADBAZAAR n aia kambein inanon uoua te ririki.

Angin burokuraem aikai a koata aron titaboia ma burokuraem ake a bon kinaki. E katautauaki aio bwa aia mwakuri naba aekita aikai n 'kaewei' kanikinaean karaobwai ake a nang-kinaki.

E kakawaki atakin, aran te burokuraem, aran baketena, ao kanikinaeana a kona ni bane ni katotongi ke ni katitaboia ma are bon oi n burokuraem ngaia are a riai n aki bati ni kabonganaki ibukin atakin bwai n reitaki bwa a rotaki ke aki.

N aron are oti ni mwakorona are taobaran kanganga, ko kona ni kanakoi burokuraem man am bwai n reitaki ae Android nako Google man kamauan 'Katamaroan Kunean Burokuraem aika Kaikoaki', bwa ana tuoi taian burokuraem n am bwai n reitaki ake ko karini man Play Tita.

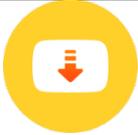
Atun Burokuraem	Aran bakete	Kanikinaean Burokuraem
99 Tikin Aran ALLAH	com.Apptriple.Namesofallah.Asmaulhusna	
APKPure	com.apkpure.aegon	
Adobe Acrobat	com.adobe.reader	
Alpine (پینتو)	psyberia.pa.full	

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	
Kibooti n Arabia	com.arabic.keyboard.arabic.language.keyboard.app	
Bwain Korean Bwanan Birim	bsoft.com.mp3.cutter.ringtone.video.maker.trimmer	
Badam 维吾尔语输入法	com.ziipin.softkeyboard	
Kunaia Buddhist (1)	com.bigkidsapps.buddhistsongs1	
Kaokureita	com.android2.calculator3	
Compass 360 Pro	com.pro.app.compass	
EN-UG Tekitinare Akea Boona	ru.vddevelopment.ref.enugen.free	

Ewlad	ewlat.com.ewlatuyghur	
FAST	com.netflix.Speedtest	
FMWhatsApp	com.fmwhatsapp	
Tia Barongai Rongorongo +	com.alphainventor.filemanager	
FlyGram	org.telegram.FlyGram	
Flygram	org.telegram.FlyGram	
Wifi Akea Boona	com.cl.wifipassword.share	
GBWhatsApp	com.gbwhatsapp	
Hefz Koran	com.golap.hefzquran	
Hijri Karenta	com.ibrahim.hijricalendar	
InShot	com.camerasideas.instashot	

KMPlayer	com.kmplayer	
KineMaster	com.nexstreaming.app.kinemasterfree	
Korean MP3 & Tia Karaoi Tangin Tareboon	ringtone.maker.mp3.cutter.audio	
Malloc	com.mallocprivacy.antistalkerfree	
Kakaeen Abwaki nte Mwabe	com.routemap.mapdownload.gpsrout eplanner	
Kaokan Tamei Birim ao Anene	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	
Bwain Kunimwanian Tamnei	com.iudesk.android.photo.editor	
Kaokan Tamnei	recover.restore.undelete.photo.video.file	
Tabo n Rawe Tamnei	com.kvadgroup.photostudio	
Plus	org.telegram.pluspro	
Boki n Tataro	com.arashpayan.prayerbook	
QuarkVPN	com.speedy.vpn	
Koraan	com.tos.quranuighore	
QuranKerim	com.ewlat.qrankerim	
Kaokan Tamnei ake a Kamaunaki	com.restore.deleted.pictures.video	

Tikino	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	
Telegram	org.zhifeijihj.messenger	
Telegram	org.telegramfbo.messenger	

Telegram X	org.thunderdog.challegram	
Tititem ibukin Atakin Taa i aika ana Roko i Tibet MO	net.rhombapp.mo	
Tataro n Tibet	com.chorig.tibetanprayer	
Te tia Raitaeka AR-TR	free_translator.artr	
Truecaller	com.truecaller	
TubePlus	com.techshop.videocraft	
Ultrasurf	us.ultrasurf.mobile.ultrasurf	
Kibooti n Uyghur	com.mykeyboard.myphotokeyboard.uyghurkeyboard	
Uyghurche Kirguzguch	com.ziipin.softkeyboard	
Onei Tamei	com.inverseai.video_converter	
Korei Tamei	com.naing.cutter	

Karuoan Tamei	downloader.video.download.free	
Karao Birim	com.bstech.slideshow.videomaker	
Bwai n Tamei n Android	com.zgz.supervideo	
Vieka	com.prime.story.android	
VivaVideo Lite	com.quvideo.vivavideo.lite	
VivaVideo PRO	com.quvideo.xiaoying.pro	
Vmuslim	com.alhiwar	
Bwai n Rawe Bwana	com.media.bestrecorder.audiorecorder	
Voxer	com.rebelvox.voxer	
Taraan Kanoan Bong	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	
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ئىزدىگۈچى APK ئۇيغۇرچە	com.uygur.apkstore	
ئۇيغۇرچە قۇرئان	com.c9.uyghurquran	
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	