



# PESENAL SAEBA SIKIURITI OL FESFALA STEP

[cyber.gov.au](http://cyber.gov.au)

# Pesenal Saeba Sikiuriti Siris

**Pesenal Saeba Sikiuriti: Oi Fesfala Step**  
gaed hem i feswan long wan siris blong trifala gaed we oli disaenem blong helpem ol evri dei Ostrelian oli andastanem ol beisk blong saeba sikiuriti. Lanem hao yu save tekem aksen blong protektem yuhan long ol komon saeba tret.



**Oi Fesfala Step**



**Oi Neks Step**



**Oi Step We Oli Moa Hae**

## Tebol blong Oi Topik

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# Introdaksen

## Wanem hem i pesenal saeba sikiuriti?

From se teknoloji i stap draevem wol moa, evri dei yumi yusum ol divaes mo ol akaon we oli ekspos long ol saeba tret:

- Oi divaes blong yu maet hem i inkludim ol kompiuta, ol mobael fon, ol tablet, mo ol narafala divaes we oli konek i ko long intanet.
- Maet yu stap yusum ol onlaen akaon blong imel, banking, shoping, sosol media, plei gem mo fulap moa samting.

Pesenal saeba sikiuriti hem i ol step we yu save kontinu long hem we yu save tekem blong protektem ol akaon mo ol divaes blong yu long ol saeba tret.

### Wanem hem i ol saeba tret?

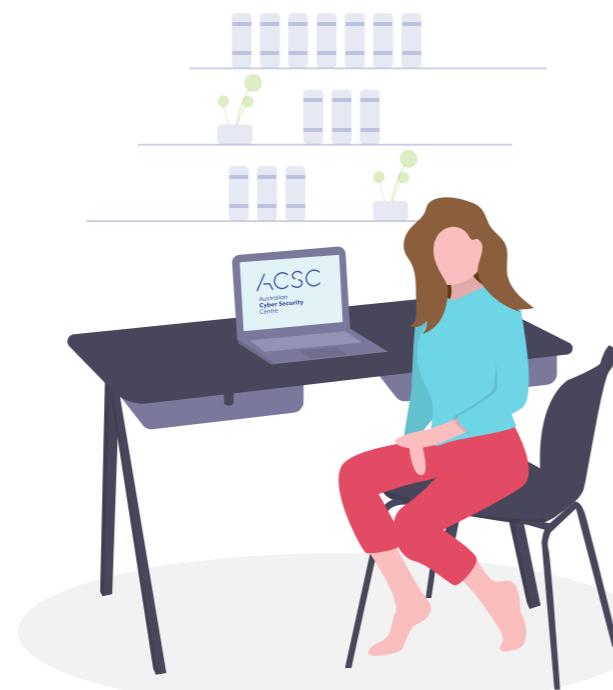
Oi mein saeba tret we oli stap afektem ol man Ostrelia evri dei oli ol **skam mo malwea**.

- **Malwea hem i wan blanket toktok we oli yusum blong diskraebem ol rabis sofwea** we oli disaenem blong spolem man. Hemia hemi i save inkludim ol vaeras, ol wom, spaewea, ol trojan mo ol ransamwea.
- Oi saebakriminel oli yusum malwea blong stilim infomeisen mo mani blong yu, mo kontrolem ol divaes mo akaon blong yu.
- **Oi skam oli ol mesej we ol saebakriminel oli sendem** we oli disaenem blong manipuletem yu blong kivim ol sensitif infomeisen, o aktivetem malwea long divaes blong yu.

Oi atak ia oli save kat wan bigfala pesenal mo faenansol ifek long ol viktim. Oi man we oli stap atak tu naoia oli stap kam andap long klevanes mo namba.

### Olsem wanem nao bae gaed ia bambae i help blong protektem mi long ol saeba tret?

Sipos yu stap lan abaoit saeba sikiuriti blong fes taem, o yu stap kipim yuwan ap tu deit, gaed ia hem i wan ekselen ples blong stat. Pesenal Saeba Sikiuriti: OI Fesfala Step gaed hem i feswan long wan siris blong tri gaed we oli disaenem blong helpem yu andastanem ol besik samting abaoit saeba sikiuriti.

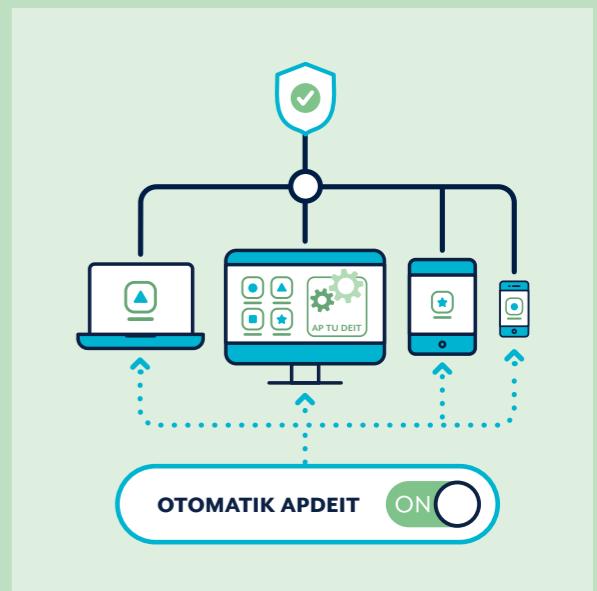


## Tanem on ol otomatik apdeit

### Wanem hem i ol apdeit?

Wan apdeit hem i wan vesen blong sofwea we i impruv (ol prokram, ol ap, mo ol opereting sistem) we yu bin instolem long komputa mo ol mobael divaes blong yu.

- Oi sofwea apdeit oli help blong protektem ol divaes blong yu mo oli mekem hemia taem oli fiksim ol sofwea 'bag' (kodem ol mistek o ol ples we i isi blong man i atakem). Oi saebakriminel mo malwea oli save yusum ol 'bag' ia blong aksesem divaes blong yu mo stilim pesenal data blong yu, ol akaon, faenansol infomeisen mo aidentiti.
- Oi saebakriminel oli stap faenem ol new sofwea 'bag' oltaem mo oli stap yusum. Taem yu apdeitem sofwea blong yu long ol divaes blong yu, hemia hemi i help blong protektem yu akensem ol saeba-atak.



### Olsem wanem nao mi setemap ol otomatik apdeit?

Oi otomatik apdeit oli wan difolt o 'setem mo foketem' seting we i instolem ol niu apdeit taem we oli kam avelebol.

- ✓ **Tanem on mo konfemem ol otomatik apdeit long evri sofwea mo divaes.**
- ✓ **Olsem wanem yu tanem on ol otomatik apdeit hem i save difren mo i dipen long sofwea mo divaes.**
- ✓ **Setem wan taem we i stret blong ol otomatik apdeit sipos i posibol, olsem taem we yu slip o taem we nomoli yu no stop yusum divaes blong yu.**

Paoa blong divaes blong yu i mas on, yu mas plakem i ko long paoa mo yu kat storej spes we yu no yusum.



**Advaes:** Sipos yu risivim wan prompt blong apdeitem sofwea blong divaes blong yu yu mas mekem olsem ia kwik taem olsem we yu save.



Yu save faenem moa infomeisen abaoit hao blong tanem on ol otomatik apdeit sipos yu lukaotem 'Updates' long [cyber.gov.au](http://cyber.gov.au)



### Wanem nao sipos otomatik apdeit seting hem i no avelebol?

Sipos otomatik apdeit seting hem i no avelebol, bambae yu mas jekem ol niu apdeit mo instolem olketa tru long sofwea blong yu o long setings menu blong divaes.

### Wanem nao sipos olfala divaes blong mi mo sofwea oli no risivim eni apdeit?

Sipos divaes blong yu, opereting sistem o sofwea blong yu hem i olfala tumas, maet manufakjera o dvelopa hem i nomo sapotem.

Taem ol prodak oli kasem 'en blong sapot' stej ia bambae oli nomo risivim ol apdeit. Hemia hem i save mekem i isi blong ol saeba ataka oli atakem yu. Oi eksampol blong ol prodak we oli en blong sapot oli inkludim Windows 7 opereting sistema mo iFon 7.

Sipos divaes blong yu, opereting sistem o sofwea i bin kasem en blong sapot, ACSC i rekomendem se yu apkredem kwik taem blong yu stap sikuia.

Blong moa infomeisen, lukaotem 'End of support' long [cyber.gov.au](http://cyber.gov.au)



### Aktivetem mali-fakta otentikeisen (MFO)

#### Wanem hem i MFO?

Yu save yusum mali-fakta otentikeisen (MFO) blong impruvum sikiuriti blong ol akaon blong yu we oli moa impoten. MFO hem i rikwaerem yu blong produsum wan kombineisen blong tu o moa otentikeisen taep bifo i kivim yu akses long wan akaon.

- **Wan samting we yu save** (eks. wan PIN, paswod o pasfres)
- **Wan samting we yu kat** (eks. wan smatkad, fisikol token, otentiketa ap, SMS o imel)
- **Wan samting we hem i yu** (eks. wan finkaprin, rekognisen blong feis o aeris skan)



MFO hem i mekem i moa had blong ol saeba kriminel oli kat inisiel akses long akaon blong yu. Hem i adem moa otentikeisen leia, i nidim ekstra taem, efot mo ol risos blong brekem.

### Olsem wanem nao mi save aktiveitem MFO blong protektem ol mos impoten akaon blong mi?

Oi step blong aktiveitem MFO oli difren mo oli dipen long akaon, divaes o sofwea aplikeisen. Yu mas aktiveitem MFO naoia, yu stat wetem ol impoten akaon blong yu:

- ✓ Evri onlaen banking mo faenansol akaon blong yu (eks. bank blong yu, PayPal)
- ✓ Evri imel akaon blong yu (eks. Gmail, Outlook, Hotmail, Yahoo!)

Sipos yu kat plantem imel akaon, praeoritaesem olketa we oli link i ko long onlaen bank blong yu o ol narafala impoten sevis.

Yu save ridim moa infomeisen abaot hao blong tanem on mali-fakta otentikeisen sipos yu lukaotem 'Multi-factor authentication' o 'MFA' long [cyber.gov.au](http://cyber.gov.au)

## Bakemap oltaem ol divaes blong yu

### Wanem hem i wan bakap?

Wan bakap hem i wan dijitel kopi blong infomeisen blong yu. Hemia hem i save inkludim ol samting olsem ol foto, faenansol infomeisen o ol rikod we yu bin sevem i ko long wan ekstenel storej divaes, o i ko long klaod.

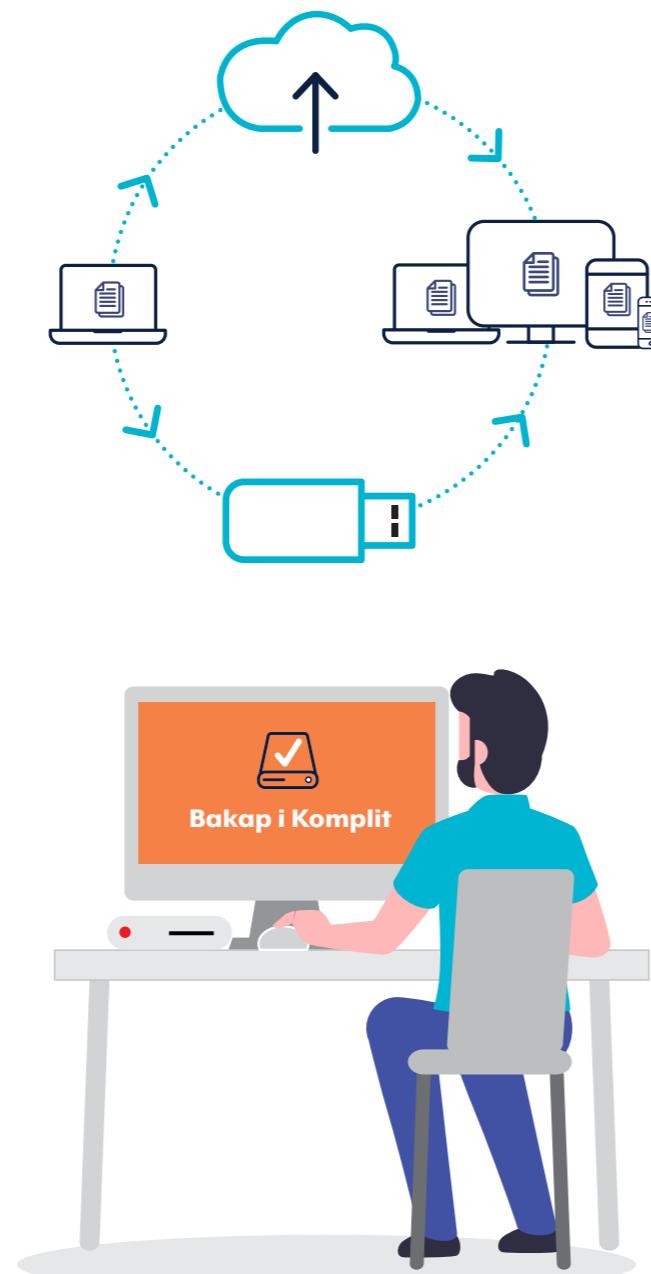
Wok blong bakemap infomeisen blong yu hem i wan protektif mesa blong mekem se yu save karem bak infomeisen blong yu sipos i kam long wan taem se infomeisen i lus, man i stilim o i damej.

### Olsem wanem nao bae mi bakemap ol divaes mo ol fael blong mi?

Yu mas stap bakemap ol fael mo ol divaes blong yu oltaem. Hamas taem yu mekem, sipos hem i evri dei, evri wifik o evri manus, hem i dipen nomo long yu. Hamas taem yu mekem bakap hem i save dipen long namba blong:

- ol niu fael we yu lodem i ko long divaes blong yu,
- ol jenj we yu mekem i ko long ol fael blong yu.

**Advaes:** Jekem ol bakap blong yu oltaem blong mekem se yu save gud rikaveri proses. Oltaem mekem sua se ol bakap blong yu oli stap wok stret.



Yu save faenem moa infomeisen abaot hao blong bakemap infomeisen blong yu  
sipos yu lukaotem 'backups' long [cyber.gov.au](#)

## Yusum ol pasfres blong sikiurem ol impoten akaon blong yu

Malti-fakta otentikeisen (MFO) hem i wan long ol mos ifektif wei blong protektem ol akaon blong yu long ol saebakriminel. **Sipos MFO hem i no avelebol**, wan yunik strong pasfres hem i save protektem akaon blong yu moa gud kompea long wan simpol paswod.

### Wanem hem i wan pasfres?

Wan pasfres hem i yusum fo o moa wod we oli random olsem paswod blong yu.

Eksampol: 'laet yelo raon bongo'.

- **Ol pasfres oli moa sikiua** bitim ol simpol paswod.
- Ol pasfres oli **had blong ol saebakriminel** oli krakem, be oli **isi blong yu** rimembarem.

### Olsem wanem mi save kriitem wan pasfres?

Kriitem ol pasfres we oli:

- **Long:** oli kat 14 o moa karakta, we oli yusum fo o moa random wod. Taem pasfres blong yu hem i longwan moa, hemia i mekem se hem i moa sikiua.
- **Man i no save wokemaot:** yusum wan random miks blong fo mo moa wod we oli no rilet. No yusum ol femes fres, kwot o wod blong ol singsing.
- **Yunik:** no yusum semak pasfres long fulap narafala akaon.

Sipos wan websaet o sevis hem i rikwaerem wan had paswod inkludim ol simbol, kapitol leta, o ol namba, yu save inkludim hemia long pasfres blong yu. Pasfres blong yu hem i stil mas long, man i no save wokemaot mo yunik blong bes sikiuriti.



### Ol wijwan akaon nao mi mas sikiurem wetem wan pasfres?

Sipos ol mos impoten akaon blong yu oli no kat proteksen blong MFO,jenjem ol paswod blong yu i ko long ol yunik strong pasfres, mo stat wetem:

- ✓ Ol onlaen banking mo ol faenansol akaon
- ✓ Ol imel akaon

Sipos yu kat fulap imel akaon, praeoritaesem olketa we oli link i ko long onlaen banking blong yu o i ko long ol narafala impoten sevis.

Nomoli yu save jenjem paswod blong yu i ko long wan yunik strong pasfres tru long menu blong ol seting blong akaon blong yu.

**Advaes:** Sipos yu strakel blong rimembarem evri pasfres blong yu, traem lukluk blong yusum wan paswod maneja. Wetem wan paswod maneja, yu nid blong rimembarem nomo wan paswod, paswod maneja hem i tekem kea long ol narafala wan. Lukaotem 'password manager' long [cyber.gov.au](#) blong kasem moa advaes.

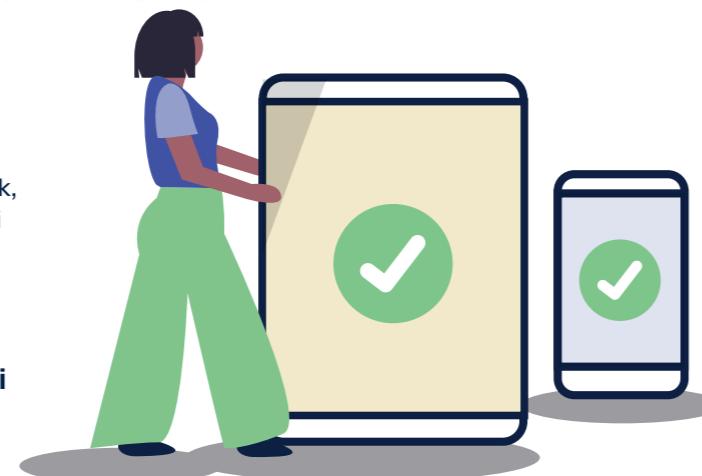
Yu save faenem moa infomeisen abaot hao blong kriitem wan sikiua pasfres sipos yu  
lukaotem 'Passphrases' long [cyber.gov.au](#)

## Sikiurem mobael divaes blong yu

Tete ol man oli yusum ol smatfon mo ol tablet long evri dei laef. Yumi yusum olketa blong konek, mekem shoping, bank, trakem fitnes blong yumi mo finisim fulap fulap wok long eni taem, mo long eni lokeisen.

### Wanem i save hapen sipos mobael divaes blong mi hem i stap long denja, i lus o wan man i stilim?

- Oi saebakriminel oli save yusum blong stilim mani o aedentiti blong yu. Oli mekem hemia tru long fasin blong yusum infomeisen we i stap long divaes blong yu, inkludim ol sosol media mo imel akaon blong yu.



- Yu save lusum data we yu no save riplesem, ol foto, ol not o ol mesej (sipos yu no bakemap).
- Wan saebakriminel i save yusum fon namba blong yu blong skamem ol narafala man.

### Oilem wanem nao bae mi sikiurem mobael divaes blong mi?

#### Divaes sikiuriti:

- ✓ **Lokem** divaes blong yu wetem wan pasfres, paswod, PIN o paskod. Mekem i had blong man i kesem - deit of bet blong yu mo ol paten lok oli isi blong ol saebakriminel oli wokemaot. Yusum wan pasfres blong maksimam sikiuriti (luk pej 6). Ating bae yu wantem lukluk tu blong yusum fes rekognisen o wan finkaprint blong anlokem divaes blong yu.
- ✓ **Mekem** sua se divaes blong yu hem i set otomatikli blong i lok afta wan sot taem we i nokat aktiviti.
- ✓ **No** jajem divaes blong yu long wan publik ples blong jaj mo no yusum ol jaja blong ol narafala man.
- ✓ **Tritim** fon blong yu olsem pes blong yu. Kipim hem i sef mo i stap wetem ol evritaem.

#### Sofwea mo ap sikiuriti:

- ✓ **Yusum** otomatik apdeit fija blong divaes blong yu blong instolem ol niu apdeit blong aplikeisen mo opereting sistem kwik taem taem we oli avelebol.

Yu save faenem moa infomeisen aboat hao blong sikiurem mobael blong yu sipos yu lukaotem 'Secure your mobile phone [cyber.gov.au](#)



## Developem hao yu stap tingting abaot saeba sikiuriti blong yu

Pesenal saeba sikiuriti hem i no jes aboat wok blong jenjem ol seting, hem i aboat wok blong jenjem hao yu stap tingting mo ol biheivia blong yu.

### Wajaot long ol saeba skam

Oi man oli save se ol saebakriminel oli stap yusum imel, ol mesej, sosol media o ol fon kol blong traem blong skamem ol man Ostrelia. Oli priten se oli wan man o okanaeseisen we yu ting se yu save, o yu shud trastem.

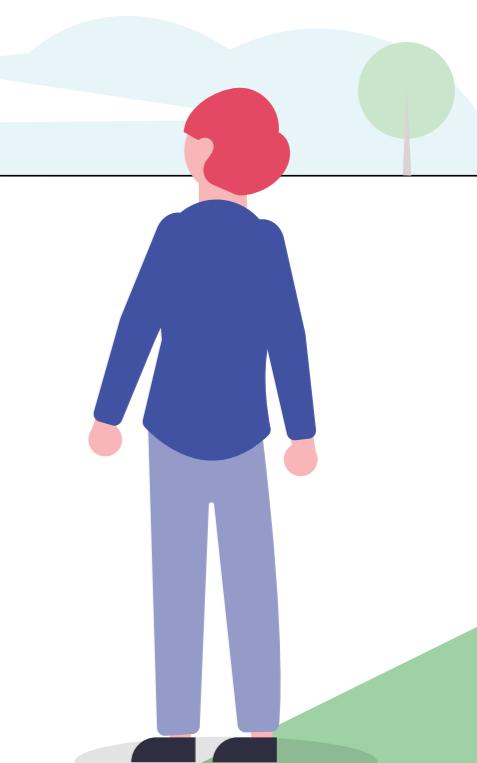
Oi mesej mo ol kol blong olketa oli traem blong trikim yu blong mekem sam spesifik aksen, olsem:

- Taelmaot ol bank akaon infomeisen, ol paswod, mo ol kredit kad namba,
- Kivim rimot akses long komputa blong yu,
- Openem wan atajmen, we i save kontenem malwea,
- Sendem mani o ol gif kad.

### Oilem wanem nao mi rekokaesem ol skam mesej?

Long sam keis hem i save had blong luksave ol skam mesej. Ol saebakriminel samtaem oli yusum sam wei blong trikim yu. Ol mesej blong olketa i save inkludim:

- **Otoriti:** mesej ia i stap klem se wan ofisol man i sendem, oilem bank blong yu?
- **Ejen:** oli talem long yu se i kat wan problem, o se yu kat smol taem nomo blong ansa o mekem wan peimen?
- **Filing:** mesej ia i mekem yu fraet, kat hop o yu wantem faenemaot moa samting?
- **Shot saplae:** mesej ia i stap kivim wan samting we i kat shot saplae, o i stap promesem wan gudfala dil?
- **Ol Karen iven:** mesej ia hem i aboat wan karen nius stori o bigfala iven?



Ko long 'Learn the basics' long [cyber.gov.au](#) blong lanem hao blong luksave ol skam mesej

## Wanem nao bae mi mekem sipos mi kasem wan skam mesej?

Sipos yu risivim wan skam mesej o fon kol, yu mas iknorem, dilitim o ripotem long Skamwaj blong ACSC long [scamwatch.gov.au](http://scamwatch.gov.au)

Yu save kontaktem tu Saeba Sikiuriti Hotlaen blong ACSC long **1300 CYBER1** (1300 292 371) sipos yu kat konsen abaot saeba sikiuriti blong yu.

Sipos yu involv long wan skam mo yu ting se maet ol bank akaon, kredit o debit kad blong yu oli save stap long denja, kontaktem faenansol institusen blong yu stretawé. Maet bae oli save klosem akaon blong yu o stopem wan transaksen.

## Wanem sipos mi no sua se wan mesej hem i wan skam?

Sipos yu stap tingting se wan mesej o wan kol maet hem i kam long wan okanaeseisen we yu trastem (olsem bank blong yu) faenem wan kontak metod we yu save trastem. Lukaotem ofisol websaet, kolem namba we oli advetaesem, o visitim wan fisikol sto branj. No yusum ol link o ol kontak ditel long mesej we oli sendem i kam long yu o we oli kivim long yu ova long fon from se olketa ia tu maet oli ol kiaman samting.

### Advaes: Tingting Bifo Yu Klik



Sipos yu ting se yu wan viktim blong saebakraem ripotem tru long ReportCyber blong ACSC long [cyber.gov.au/ripotem](http://cyber.gov.au/ripotem) o kolem Saeba Sikiuriti Hotlaen long **1300 CYBER1** (1300 292 371).

Mo tu yu save kip ap tu deit long ol leites tret taem yu sabskraeb i ko long fri alet sevis blong ACSC.  
Lukaotem 'Subscribe to the ACSC alert service' long [cyber.gov.au](http://cyber.gov.au)  
Bambae mifala i sendem yu wan alet taem we mifala i aedentifaem wan niufala saeba tret.

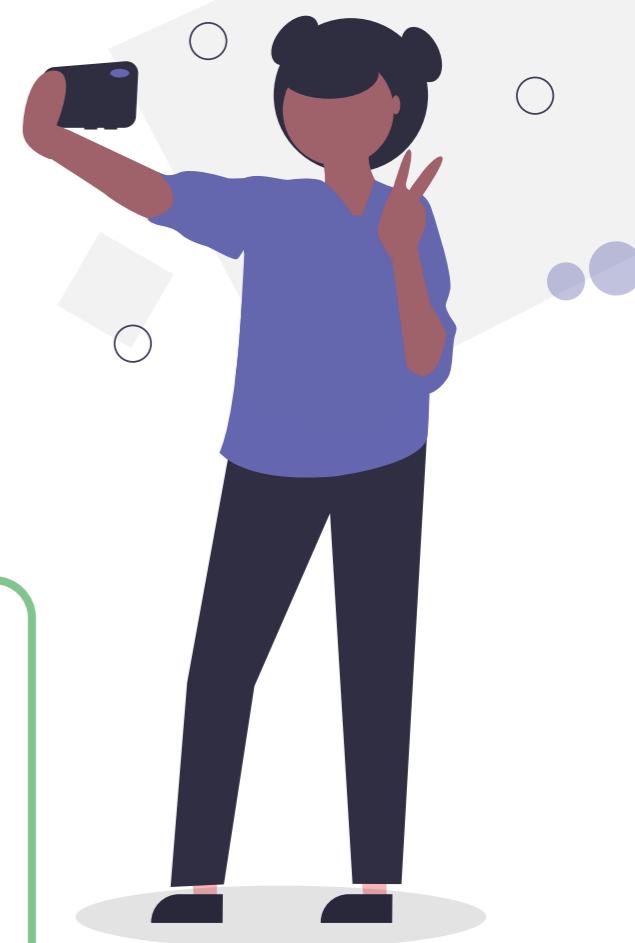
## Stop mo tingting bifo yu shea long sosol media

OI saebakriminel oli save yusum infomeisen we yu postem long pablik long (ol) sosol media akaon blong yu long ol skam ol saeba atak blong olketa.

Rimemba se infomeisen long intanet hem i pemanen mo bambae yu neva save karemaot fulwan wanem we yu bin postem.

### Olsem wanem nao bae mi save stop mo tingting bifo mi post?

- Tingting:** Olsem wanem nao wan saebakriminel i save yusum infomeisen ia blong taketem mi o ol akaon blong mi?
- Tingting:** Bambae mi kamfotebol blong shoem infomeisen o imej ia long wan strenja we mi no iven save oflaen?



### Wanem infomeisen nao mi no shud sherem?

No sherem infomeisen (inkludim ol foto) onlaen we ol saebakriminel oli save yusum blong aidentifaem yu, manipuletem yu tru long wan skam o kesem ol akaon rikaveri kwesten blong yu. Hemia i save inkludim:

- Ples we yu bon long hem mo deit of bet blong yu.
- Adres mo fon namba.
- Emploia mo wok histri.
- Wea ples yu bin ko skul.
- Eni narafala pesenal infomeisen we man i save yusum blong taketem yu.

# Samari Jeklis



## Yu bin finisim evrisamting long gaed ia?

### Yusum konvinien jeklis ia blong trakem prokres blong yu:

**Mi tanem on finis ol otomatik apdeit blong evri divaes blong mi:**

- Komputa (desktop mo laptop).
- Mobael fon.
- Tablet.

**Mi bin aktivetem multi-fakta otentikeisen long ol mos impoten akaon blong mi:**

- Evri onlaen banking mo faenansol akaon blong mi (eksampol, bank blong yu, PayPal).
- Evri imel akaon blong mi (eksampol, Gmail, Outlook, Hotmail, Yahoo!).

**Mi stap bakemap:**

- Komputa (desktop mo laptop).
- Mobael fon.
- Tablet.

**Mi yusum ol yunik strong pasfres long ol mos impoten akaon blong mi we MFO i no protektem olketa:**

- Onlaen banking mo ol faenansol akaon.
- Ol imel akaon.

**Mi mi sikiurem ol mobael divaes blong mi finis:**

- Laptop.
- Mobael fon.
- Tablet.



# Mining Blong OI Toktok

### Ap

Oli rifea tu long hem olsem wan mobael aplikeisen, wan ap hem i wan toktok blong sofwea we oli yusum oltaem blong wan smatfon o tablet.

### Atajmen

Wan fael we oli sendem wetem wan imel mesej.

### Akaon rikaveri

Wan proses we i yusum wan set blong ol kwesten o ol narafala verifieisen wei blong rikavarem o karem bak akses long wan akaon o blongjenjem wan akaon pasfres/paswod.

### Divaes

Wan komputing o komunikeisen divaes. Eksapol, wan komputa, laptop, mobael fon o tablet.

### En blong sapot

En blong sapot hem i stap rifea long wan situeisen we wan kampani hem i stopem sapot blong wan prodak o sevis. Hemia nomoli hem i aplae long hadwea mo ol sofwea prodak taem we wan kampani i rilisim wan niu vesen mo endem sapot blong ol olfala vesen.

### Fisikol token

Wan fisikol divaes we man i save fitim long wan wan kiring, we hem i kivim wan sikiuriti kod we oli yusum blong konfemem aidentiti blong wan komputa we i yusum MFO.

### Klaod

Wan netwok blong ol rimot seva we i provaedem bigfala distributed storej mo prosesing paad.

### Malwea

Rabis sofwea we man i yusum blong kat akses we oli no otoraesem mo kontrolem komputa blong wan yusa, stilim infomeisen mo spolem o stopem ol netwok.

### Opereting sistem

Sofwea we oli instalem long wan had draev blong wan komputa we i mekem se hadwea blong komputa i save komuniket wetem o ranem ol komputa program. OI eksapol: Microsoft Windows, Apple macOS, iOS, Android.

### Otentiketa ap

Wan ap we oli yusum blong konfemem aidentiti blong wan komputa blong alaoem akses tru long multi-fakta otentikeisen (MFO).

### Rimot akses

Kasem akses mo kontrol ova ol divaes mo ol netwok long wan ofsaet lokeisen.

### Saebakriminel

Eni man we i nokat likol akses long wan komputa sistem o akaon blong damejem o stilim infomeisen.

### Sofwea

Oli nomoli rifea long hem olsem ol prokram, koleksyen blong ol instraksen we i alaoem yusa blong intarak wetem wan komputa, hadwea blong hem o mekem ol task.

### Disklema

Infomeisen insaed long gaed ia hem i jenerol infomeisen mo i no blong man i tekem olsem likol advaes o blong man i dipen long hem blong helpem hem long eni situeisen o imajensi situeisen. Long eni impoten isu, yu mas lukaotem stret indipenden profesenal advaes we i rilet long situeisen blong yu.

The Commonwealth hem i no akseptem eni responsibiliti o laeabiliti blong eni damej, los o ekspens we wan man i kasem from se hem i dipen long infomeisen we i stap insaed long gaed ia.

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