Email Services

1. Why do you need an email account?

2. What's your threat model?

Email Services

1. Outside of the TOR network.
2. Tracking.
3. Logging.
4. Require personal info.

PS:

- **Never** use your darknet identity on the clearnet
    - **Never** login from clearnet.
    - **Never** communicate with accounts you own.
    - **Never** use on the clearnet.

Email Services

1. Use a temporary email service.
2. Use a Darknet temporary email service.
3. Use any email provider.
4. Use a more private email service
5. User a Darknet email service.

PS:

- Always read terms, privacy policy ….etc
- Never use your real identity with any of the above.

Email Services

Temporary Accounts

- Temporary email account with an expiry date.
- No setup.
- No personal information required.
- Lost of services on the clearnet and darknet.

→ Great for quick access, bypass verification.

Email Services

Private Mail Providers

- No tracking.
- No logs.
- End to end encryption.
- No personal information required.
- Available on the clearnet and as an onion service.
- Send emails to clearnet and darknet addresses!

PS:

- Always read terms, privacy policy ....etc
- Never use your real identity.

Email Services

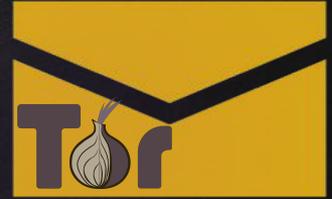## Private Mail Providers — ProtonMail

- No tracking.
- No logs.
- End to end encryption.
- No personal information required.
- Open Source.
- Enforces HTTPS.
- Available on the clearnet and as an onion service.
- Use their own servers in Switzerland.
- Communicate with clearnet and darknet addresses!

ProtonMail

Email Services

Darknet Mail Providers

- No tracking.
- No logs.
- No personal information required.
- No javascript requires.
- Available on the darknet only.
- Benefit from TOR's anonymizing and privacy features.
- Encryption.
- Two types:
  - Communicate with clearnet and darknet addresses!
  - Communicate with darknet emails only!

Email Services

1. Four different types.
2. Lots of providers in each.
3. Each provider has its own extra features.

Email Services

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Email Services

Less Features & more Anonymous →

	Example	Communication	Javascript	Logging & Tracking	Hidden Service	Encryption
Common Services	Gmail	Clearnet & Darknet	Yes	High	No	HTTPS/TLS
Temp Emails	GuerrillaMail	Clearnet & Darknet	Yes	Medium	Limited	HTTPS/TLS
Privacy-focused (hybrid) Services	ProtonMail	Clearnet & Darknet	Yes	none	Limited	HTTPS/TLS & End-to-end
Darknet Services	Elude / Torbox	Clearnet & Darknet / Darknet Only!	No	none	Yes	end-to-end