**“Open Source Software Laboratory”**

**Code: 4IT475**

Submitted by

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### Licensing (terms and conditions) comparisons: 1. social media, 2. email 3. public cloud 4. Propitiatory sw 5. FOSS

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| --- | --- | --- | --- | --- | --- |
| **Aspect** | **Social Media** | **Email** | **Public Cloud** | **Proprietary Software** | **FOSS Software** |
| **Licensing Type** | Users agree to the platform's terms and policies. | Usage terms outlined by email service provider. | Subscription or pay-as-you-go model. | Typically commercial licenses. | Open-source licenses. |
| **Data Usage** | Collects extensive personal data for ads/targeting. | Collects user data for ads/targeting. | Data can be stored, processed, and analyzed. | Data usage depends on the software. | Data is open and transparent. |
| **Privacy Controls** | Limited control over data sharing/settings. | Basic to advanced privacy settings. | Providers offer various security features. | Varies by software and company. | Users can audit and modify. |
| **End-to-End Encryption** | Rarely used for content, often for messages. | Varied implementation across providers. | Encryption options for data protection. | Encryption varies by software. | Often employs encryption. |
| **Security Measures** | Generally good security, but breaches have occurred. | Email breaches and hacking are common. | Data security measures in place. | Security features depend on software. | Security is community-audited. |
| **Data Sharing** | Shared with third parties for targeted ads. | Can be shared for marketing purposes. | Data may be shared for analytics. | Varies based on software/provider. | Open sharing based on licenses. |
| **Vendor Lock-In** | Users are heavily engaged due to network effects. | Users can switch providers with effort. | Possible, data migration may be challenging. | Users are dependent on updates. | Freedom to use, modify, distribute. |

**Conclusion:**

Social Media: Collects personal data for ads, limited privacy control.

Email: Collects data, offers privacy settings, mixed encryption.

Public Cloud: Subscription model, variable data protection.

Proprietary Software: Commercial licenses, varied security.

FOSS Software: Open-source, transparent, community-audited security.