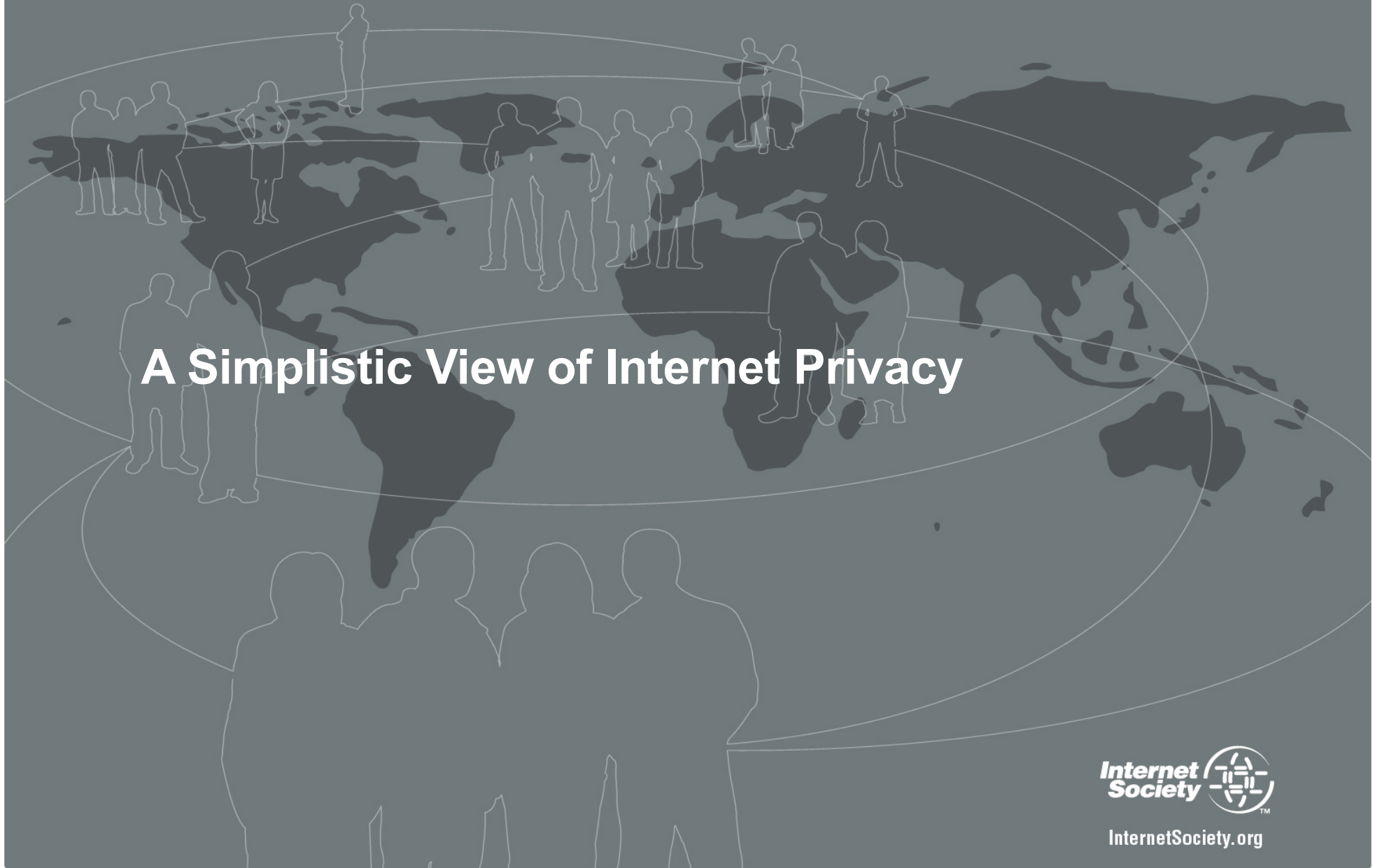the Internet is for
everyone

A Simplistic View of Internet Privacy
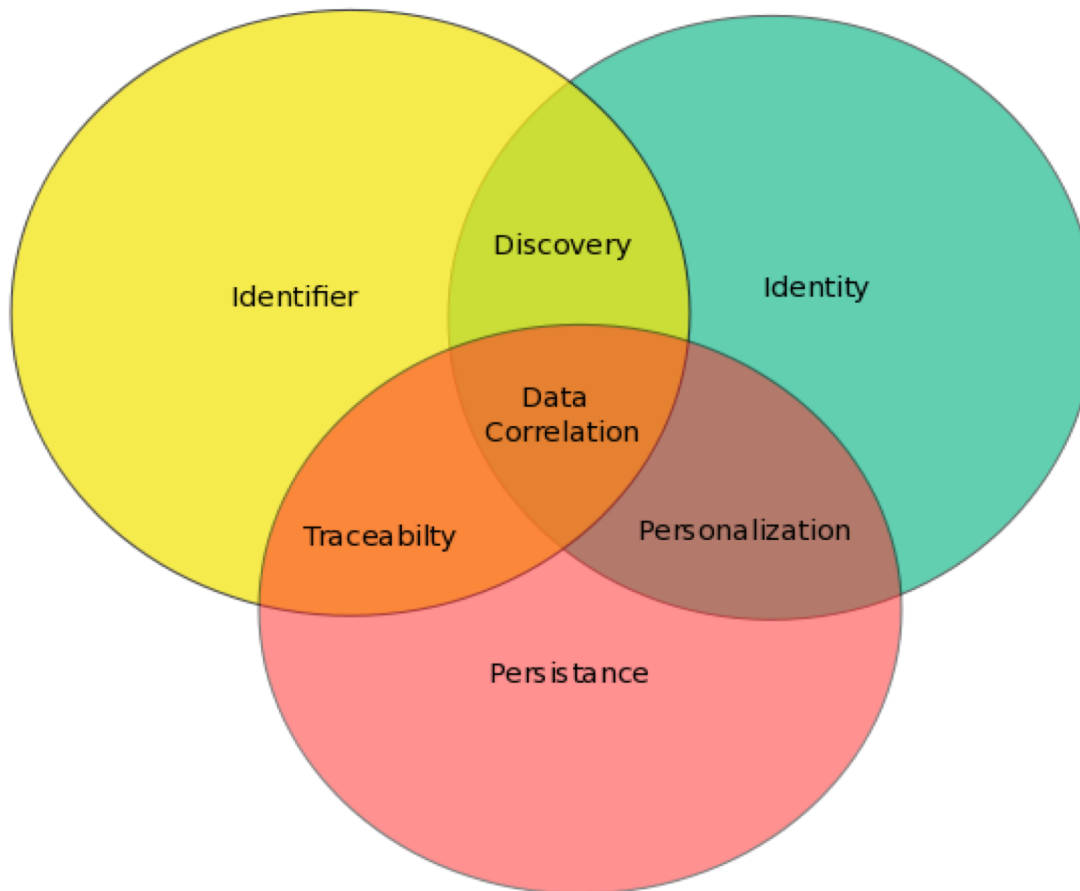
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Defining Internet Privacy

Sharing (data) in an explicit context with an expectation of scope.

The Problem Space

Sharing Data

- What gets shared?

  – Volunteered data (user supplied)

  – Network data (ip addresses, domain names, geo-location, etc)

  – Hardware and software data (mac addresses, browser and OS details, etc.)

- Data Conditions

  – In motion (network transit)

  – At rest (stored or cached, local or remote,)

  – Re-directed (data portability, redaction, delegation, etc.)

Explicit Context

- Bounded Relationships
    - May require assertion/authentication
    - May carry assurances
    - May require consent
    - May be asymmetric

- Terms and Conditions
    - Issues with notification
    - Issues with transparency
    - Issues with lack of consent
    - Disclosure of collection practices

- Limitations on Use
    - Clearly defined practices
    - Identification of extended use

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Expectation of Scope

- User Settings
    - Privacy controls
    - Profile data
    - Delegation
- Service Agreements
    - Managed identity
    - Exchange models (direct payment, monetization of shared data, etc.)
- Portability
    - Ability to transfer data
    - Ability to extract contacts, profiles, etc.
- Cookies, Caching, and Tracking

Added Complexity