

Are My Data Safe?

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Principles

Confidentiality

Information requires protection from unauthorized disclosure.

Integrity

Information must be protected from unauthorized, unanticipated, or unintentional modification.

Availability

The system or data must be available for use for intended purposes.

A System View

Component	Strategies & Considerations
storage	replicated, verified backups
access	physical controls, strong passwords, two factor authentication
transmission	secure transmission
encryption	file and volume level encryption

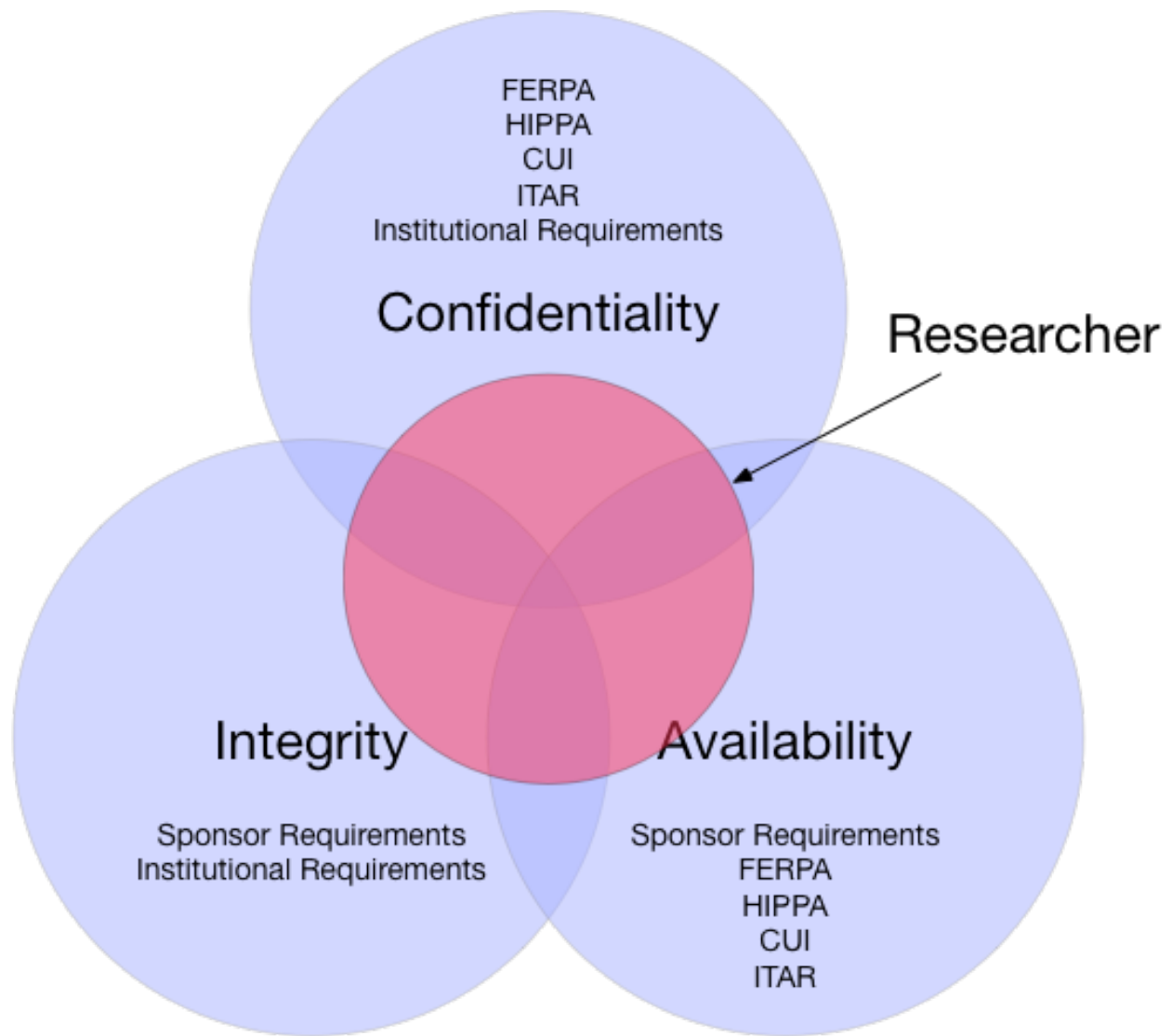
Regulatory Compliance

- FERPA
- HIPAA
- CUI
- ITAR & Export Control
- NM State
- Sponsor requirements
- Institutional requirements (reflecting both regulatory and institutional needs)
 - Research Misconduct
 - Information Security

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A Synthesis



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