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The Rosetta Table of *"Data Accuracy"*

Data accuracy, the sole standard of data quality, refers to data consistency with reality, where data messages require the following characteristics to be deemed accurate.

- **Authenticable lineage** assures where the data originated and where it moves over time in a chain of interrelated events.
- **Incorruptible content** assures that the data was not intentionally or unintentionally modified from source to target.
- **Comprehensible meaning** provides information about the context of the data and how to interpret and comprehend it.

The Rosetta Table of *"Data Accuracy"* terminology provides a standard reference for the kernel security properties and principles that underpin what is commonly referred to as *"Accurate data"*.

Term	Definition	Reference
Data	any stored sequence of bytes.	
Metadata	a set of data that describes and gives information about other data.	Oxford Languages
Accurate	correct in all details; exact.	Oxford Languages
Deterministic	no randomness is involved in the development of future states.	Wikipedia [link]
Authentic	of undisputed origin and not a copy; genuine.	Oxford Languages
Epistemic	relating to knowledge or to the degree of its validation.	Oxford Languages
Accuracy	the quality or state of being correct or precise.	Oxford Languages
Integrity	the state of being whole and undivided.	Oxford Languages
Authenticity	the quality of being authentic.	Oxford Languages
Veracity	the quality of being true.	Oxford Learner's Dictionaries

		[link]
Morphologic	relating to the form or structure of things.	Oxford Languages
Semantic	relating to meaning in language or logic.	Oxford Languages
Pragmatic	how context contributes to meaning.	Wikipedia [link]
Objectual integrity	*(objectual)* relating to, or represented as an object. / *(integrity)* the state of being whole and undivided.	*(objectual)* Wiktionary [link] / *(integrity)* Oxford Languages
Factual authenticity	*(factual)* of or relating to facts. / *(authenticity)* the quality of being authentic.	*(factual)* Merriam-Webster [link] / *(authenticity)* Oxford Languages
Consensual veracity	*(consensual)* agreed to by everyone involved. / *(veracity)* the quality of being true.	*(consensual)* Cambridge Academic Content Dictionary [link] / *(veracity)* Oxford Learner's Dictionaries [link]