

• BASE - Properties

- BASE - Property followed by the social media apps like Facebook, Instagram etc.
- ~~B~~ Basically Available \Rightarrow The system will almost always respond to your requests, even if some data may not be immediately available.
- Soft-State \Rightarrow The data in the database might change over time, even without any new input. This is because different parts of the database update at different speeds.
- Eventually Consistent \Rightarrow Over time, the database will become consistent, but not right away.

ACID	Base
<ul style="list-style-type: none"> • ACID is a set of properties that guarantee the integrity and consistency of data. 	<p>BASE Properties are a more relaxed version of ACID that provides some consistency but guarantees scalability and availability.</p>
<ul style="list-style-type: none"> • The primary difference between is that ACID requires immediate consistency. 	<p>While BASE only requires eventual consistency.</p>
<ul style="list-style-type: none"> • ACID is best for transactional databases. 	<p>BASE is more suitable for use in large-scale, highly available system like Facebook.</p>