Google Cloud Storage

There are a number of different storage options in the Google Cloud Platform.

Choosing a Storage Option

Comparing Storage Options

	Cloud Storage	Cloud Datastore	Cloud Bigtable	Cloud SQL	Cloud Spanner
Storage Type	BLOB	NoSQL Document	NoSQL Wide / HBase API	SQL	Global SQL
Capacity	PB+	TB+	PB+	500GB	2TB per node
Unit Size	5TB per Object	1MB per Entity	Cell: ~10MB Row: ~100MB	SQL Limits	10MB per col
Read	Copy to Disk	Filter on Prop	Scan Rows	SELECT Rows	SELECT Rows
Write	One File	Put Object	Put Row	INSERT Row	INSERT Row
Granularity	Object	Attribute	Row	Field	Field
Transaction	No	Yes	No	Yes	Yes
Complex Queries	No	No	No	Yes	Yes
Good For	Bin or Object	App Engine	Flat Heavey Read/Write	Web / Apps	Scalable Apps